

# Abstract Funding Sources\* AGA Oral and Poster Presentations at DDW® 2020



# **AGA Oral Presentations**

- 1.... IMPROVING LYNCH SYNDROME IDENTIFICATION THROUGH THE... (4\*)
- 2.... PLACENTAL-DERIVED STEM CELLS AMELIORATE INTESTINAL DAMAGE... (2\*)|(4)
- 3.... INTESTINAL EPITHELIAL RECEPTOR LRRC19 DEPLETION PROTECTS... (2\*)
- 4.... CROHN'S DISEASE PATHOBIONT ENTEROBACTERIACEAE GROWTH... (6\*)
- 5.... USE OF A TARGETED BACTERIOPHAGE COCKTAIL... (3\*)|
  (BiomX Inc.)
- 6.... PATHOETIOLOGY OF LEVATOR ANI SYNDROME: EVALUATION... (5\*)
- 7.... IMPROVING THE UTILITY OF HIGH RESOLUTION... (2\*)

8.... REDUCTIONS IN ALL-CAUSE

MORTALITY ASSOCIATED WITH... (3\*)|(This work was supported by Salix Pharmaceuticals, a division of Bausch Health US, LLC, Bridgewater, NJ, USA, which has licensed the rights to develop

which has licensed the rights to develo and commercialize Relistor® from Progenics Pharmaceuticals, Inc., New York, NY, USA.)

- 9.... NEW INSIGHTS INTO THE ROLE OF...  $(2^*)$
- **10.... A RANDOMIZED PILOT STUDY TO COMPARE...** (7\*)|(4)
- 11.... "FLIP" ING FROM INCONTINENCE TO CONTINENCE WITH... (2\*)
- **12.... NORMALIZATION OF NUMBER OF REFLUX...** (5\*)|(The original study was conducted by Torax, Inc, from which this post hoc analysis was extracted)
- 13.... CLINCIAL UTILITY OF NARROW BAND IMAGING... (5\*)
- 15.... CLINICAL-PHYSIOLOGIC PHENTOYPES OF LARYNGOPHARYNGEAL REFLUX: EXPLORATORY... (7\*)
- 16.... IMPAIRED PROXIMAL ESOPHAGEAL CONTRACTILITY IS INDEPENDENTLY... (5\*)
- 17.... TALIN-1 IS A NOVEL REGULATOR OF...  $(2^*)$
- 18.... IRON DEFICIENCY PROMOTES HELICOBACTER PYLORI-INDUCED CARCINOGENESIS... (2\*)

- 19.... OVEREXPRESSION OF CD44V9/SIALYL-LEWIS X METAPLASIA DURING... (2\*)
- 20.... BUTYRATE PRODUCING GASTRIC NON-HELICOBACTER COMMENSAL BACTERIA... (4\*)|(2)
- 21.... CIRCULAR RNA PABPN1 INHIBITS AUTOPHAGY IN... (2\*)
- 22.... NOXIOUS LUMINAL STIMULI TREATED ESOPHAGEAL MYOFIBROBLASTS... (2\*)|(4)
- 23.... QUALITY OF CARE INITIATIVE IMPROVES OUTCOMES... (6\*)
- **24.... PSYCHIATRIC COMORBIDITY IN IBD INCREASES HEALTH...** (2\*)
- 25.... ASSOCIATION OF ADDED DIETARY SUGAR AND... (2\*)
- **26.... SOCIAL DETERMINANTS OF OUTCOMES IN IBD...** (6\*)
- 27.... LONGITUDINAL TRAJECTORY OF FATIGUE IN INFLAMMATORY... (6\*)
- **28.... FATIGUE IS THE MOST IMPORTANT DRIVER...** (3\*)|(This work was supported by a restricted grant by dr. Falk Pharma Benelux B.V.)
- 29.... IDENTIFICATION OF RISK FACTORS ASSOCIATED WITH... (5\*)
- **30.... TRACING SPATIAL CLONAL EVOLUTION OF INTESTINAL...** (2\*)|(6)
- 31.... TROP2 IS UPREGULATED IN THE TRANSITION...  $(2^*)|(4)$
- 32.... HELICOBACTER PYLORIMEDIATED ACTIVATION OF NF-  $\kappa$ B-STAT3 NETWROK... (2\*)|(4)
- 33.... IN VIVO ADMINISTRATION OF ANTISENSE MIR130B... (2\*)
- 34.... DOWN REGULATION OF IL-33 PREVENTS THE... (2\*)|(Korean NTIS)
- 35.... SER-287, AN INVESTIGATIONAL MICROBIOME THERAPEUTIC, INDUCES... (3\*)|(Seres Therapeutics)
- 36.... ANTIBIOTIC PRETREATMENT PRIOR TO FECAL MICROBIOTA... (6\*)
- 37....FECAL MICROBIOTA TRANSPLANATION IS HIGHLY EFFECTIVE... (2\*)
- 38.... VE303, A RATIONALLY DESIGNED BACTERIAL CONSORTIUM... (3\*)|(2)|(CARB-X)

- **39.... EFFECT OF MICROBIAL ECOSYSTEM THERAPEUTICS (MET-2)...** (3\*)|(NuBioyta)
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- 41.... PREDICTING GASTROINTESTINAL (GI) HEMORRHAGE USING A... (5\*)
- 43.... BUILDING AN AI SYSTEM ON HIGH-RESOLUTION... (2\*)
- 44.... PROSPECTIVE COMPARISON STUDY OF EUS-FNA ONSITE... (4\*)
- 45.... TOWARDS COMPUTER-AIDED DIAGNOSIS (CAD) FOR COLONOSCOPY:... (2\*)
- 111.... PREVALENCE AND PREDICTORS OF ADVANCED NEOPLASIA... (6\*)
- 112.... THE SULFUR MICROBIAL DIET AND RISK... (2\*)|(6)
- 113.... COMPARING ADENOMA DETECTION RATE AND STANDARDIZED... (5\*)
- 114.... OPPORTUNISTIC INFECTIONS ARE MORE PREVALENT IN... (5\*)
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- 116.... ALTERED DISTRIBUTION OF THE INTESTINAL NA-BILE... (2\*)
- 117.... ENTERAL NUTRITION THERAPY IS ASSOCIATED WITH... (5\*)
- 118.... GENE EDITNG OF SWINE MYOSIN VB...  $(2^*)$
- 119.... THE SULFUR MICROBIAL DIET AND RISK...  $(2^*)|(6)$
- 120.... DIETARY INTERVENTION INHIBITS COLONIC INFLAMMATION BY...  $(2^*)|(6)$
- **121.... ULCERATIVE COLITIS PATIENTS ACHEIVE MORE ROBUST...**(6\*)
- 122.... ESTIMATING THE ENVIRONMENTAL IMPACT OF DISPOSABLE... (5\*)
- 123.... PATIENT AND PHYSICIAN PERSPECTIVES ON THE... (3\*)|(Celgene Corporation)

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- 124.... CANADIAN ASSOCIATION OF GASTROENTEROLOGY CLINICAL PRACTICE... (7\*)
- 125.... SUNSHINE ACT: SHEDDING LIGHT ON DISCLOSURES... (5\*)
- 126.... IMPACT OF AN ONLINE NIH PROMIS-BASED... (7\*)
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- 128.... MAJOR GASTROINTESTINAL BLEEDING RISK WITH DIRECT... (5\*)
- 129.... MORTALITY AFTER CHOLECYSTECTOMY IN A NATIONWIDE... (2\*)
- 130.... A MURINE MODEL OF OBSTRUCTIVE SLEEP... (2\*)|(7)
- 131.... NORMAL WEIGHT TYPE 2 DIABETES IS... (6\*)
- 132.... GUT DYSBIOSIS INDUCED BY CIRCADIAN RHYTHM... (2\*)
- 133.... INFLUENCE OF EARLY LIFE FACTORS ON... (6\*)|(The International Organization for the Study of Inflammatory Bowel Disease (IOIBD), The Crohn's and Colitis Foundation, and the Kenneth Rainin Foundation.)
- 134.... ALTERATIONS OF INTESTINAL MICROBIOTA BY HIGH-FAT... (2\*)
- 135.... THE GEM PROJECT: DIETARY PATTERNS ARE...  $(6^*)|(2)$
- 136.... NORMAL FUNCTIONAL LUMINAL IMAGING PROBE PANOMETRY... (2\*)
- 137.... IMPAIRED ESOPHAGOGASTRIC JUNCTION OPENING ON REAL-TIME... (5\*)
- 138.... ACHALASIA SUBTYPES CAN BE IDENTIFIED WITH... (2\*)
- 139.... PREVALENCE OF MAJOR AND MINOR MOTOR... (5\*)
- 140.... MULTIPLE RAPID SWALLOWS AND RAPID DRINK... (2\*)
- **141.... CLASSIFICATION OF ESOPHAGEAL SWALLOWS BY A...** (5\*)
- 142.... A NOVEL ROLE FOR DOUBLE-STRANDED RNA...  $(2^*)|(7)$
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- 149.... ARTIFICIAL INTELLIGENCE AUTOMATES EVALUATION OF BASELINE... (5\*)
- 150.... NATIONAL TRENDS IN MEDICARE PRESCRIPTIONS OF... (5\*)
- 151.... ANTI-REFLUX SURGERY REDUCES MORTALITY IN LUNG... (5\*)
- **152....** IS CHRONIC USE OF RANITIDINE... (5\*)
- 153.... EXPOSURE OF BARRETT'S AND ESOPHAGEAL ADENOCARCINOMA... (2\*)
- 154.... ROLE OF TRANSIENT RECEPTOR POTENTIAL VANILLOID... (2\*)
- 155.... PRODUCTS OF MATURE ADIPOCYTES IN VISCERAL... (4\*)
- **156.... THE MICROBIOME OF BARRETTS ESOPHAGUS WITH...** (2\*)|(4)
- 157.... THE ACTIVATION OF MACROPHAGES PLAYS A... (4\*)
- 198.... LOW DIETARY FIBER-INDUCED MUCOSAL EROSION... (2\*)
- 199.... METABOLOMICS ANALYSIS IDENTIFIED NOVEL ORALLY ACTIVE... (2\*)
- 200.... CHROMOSOME TOPOLOGY ANALYSIS REVEALS REMOTE SUPER-ENHANCERS... (2\*)|(4)
- 201.... A NOVEL SYSTEM FOR COMPARTMENTALIZED ANALYSIS... (4\*)|(6)
- 202.... FERMENTABLE VS NON-FERMENTABLE DIETARY FIBERS DIFFERENTIALLY... (6\*)|(2)
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- **204....** INCIDENCE, RISK FACTORS AND OUTCOMES ASSOCIATED... (5\*)
- 205.... ASSOCIATION OF FASTING GASTRIC VOLUMES WITH... (5\*)
- 206.... NEW ONSET DIABETES: A POTENTIAL BIOMARKER... (5\*)
- 207.... QUANTIFICATION OF PANCREATIC FAT ON ABDOMINAL... (5\*)
- 220.... SERA ANTI-HUD ANTIBODIES FROM IRRITABLE BOWEL... (1\*)
- 221.... ACTIVE VARICELLA ZOSTER IDENTIFIED BY NOVEL... (4\*)
- 222.... PREIPHERAL CGRP AS A CONVERGENT... (2\*)|(3)|(Teva Biologics)
- 223.... LOSS OF CX3CR1+ GASTRIC MUSCULARIS... (2\*)|(7)
- 224.... A NIGRO-VAGAL PATHWAY CONTROLS COLONIC MOTILITY... (2\*)
- 225.... EPIGENETIC UPREGULATION OF ACID-SENSING ION CHANNEL... (2\*)
- 226.... FOOD-INDUCED IMMEDIATE RESPONSE IN THE ESOPHAGUS... (5\*)
- 227.... BUDESONIDE ORAL SUSPENSION (BOS) IMPROVES ENDOSCOPIC... (3\*)|(This study was funded by Shire ViroPharma, Inc., a member of the Takeda group of companies. Medical writing support was provided by Joanna L Donnelly of PharmaGenesis London, London, UK, funded by Shire Human Genetic Therapies Inc., a member of the Takeda)
- 228.... INTERIM RESULTS OF AN OPEN-LABEL EXTENSION...
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- 229.... RESULTS FROM THE ELEMENT STUDY: PROSPECTIVE... (2\*)|(Nutritia)
- 230.... PRIMARY AND PLURIPOTENT STEM CELL DERIVED... (2\*)
- 231.... MATERNAL SUCRALOSE INTAKE ALTERS GUT MICROBIOTA... (2\*)|(4)
- 232.... ALTERED BILE ACID HOMEOSTASIS AND PATHOLOGIC... (7\*)|(2)
- 233.... T CELL P38 $\alpha$  PROMOTES NUTRITIONAL STEATOHEPATITIS... (2\*)

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- 234.... PATIENTS WITH NON-ALCOHOLIC STEATOHEPATITIS (NASH) HAVE... (5\*)
- 235.... LARGE EFFECTS OF SGLT2 INHIBITORS/GLP1 RECEPTOR... (5\*)
- 236.... INFLIXIMAB, ADALIMUMAB AND VEDOLIZUMAB LEVELS ARE... (6\*)|(4)
- 237.... BASELINE DRUG CLEARANCE OF INFLIXIMAB PREDICTS... (5\*)
- 238.... VEDOLIZUMAB CONCENTRATIONS IN COLONIC MUCOSAL TISSUE... (5\*)
- 239.... THE EARLY APPEARANCE OF ANTI-DRUG ANTIBODIES... (4\*)
- 240.... REAL-WORLD APPLICATION OF AN ADAPTIVE DOSING...

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- **241.... COMBINATION OF SERUM ENDOSCOPIC HEALING INDEX...** (3\*)|(7)|(Prometheus Biosciences, San
- 266.... COMPUTER-AIDED DETECTION OF ADVANCED NEOPLASIA IN... (7\*)|(4)
- 267.... IMPAIRMENT OF THE EMBRYONIC MACROPHAGE COMPARTMENT... (2\*)

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- 268.... POLY (ADP-RIBOSE)
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- 269.... A NOVEL TNFSF13 VARIANT IN VERY... (4\*)
- 270.... NEONATAL INTESTINAL MACROPHAGES PROMOTE VASCULAR TUBE-LIKE... (2\*)
- 271.... TARGETED DELETION OF THE CDC42/RAC NUCLEOTIDE... (2\*)
- 272.... SHORT-TERM WESTERN DIET DRIVES MICROVILLI ALTERATIONS... (2\*)
- 273.... PREVALENCE AND IMPACT OF FUNCTIONAL DYSPEPSIA...

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- 274....4D CINE-MRI-ASSESSED GASTRIC FUNCTION IS MODULATED... (2\*)
- 275.... THE EFFECT OF CANNABIS LEGALIZATION ON... (4\*)

- 276.... PROTON PUMP INHIBITORS REDUCE DUODENAL EOSINOPHILIA... (4\*)
- 277.... PSYCHOLOGICAL FEATURES OF FUNCTIONAL DYSPEPSIA ARE... (5\*)
- 278.... PRIMARY RESULTS OF A PHASE 1... (3\*)|(Allakos, Inc.)
- 279.... COMBINATION THERAPY DOES NOT IMPROVE CLINICAL... (5\*)
- **280.... THIOPURINE USE IN IBD IS ASSOCIATED...** (3\*)|(4)|(Janssen R&D)
- **281....** FRAILITY IS ASSOCIATED WITH AN INCREASED... (6\*)
- 282.... THE INCIDENCE OF PNEUMONIA AND IMPACT... (3\*)|(This study was supported by an unrestricted research grant from Pfizer Pharmaceuticals. Pfizer had no role in the study concept and design, acquisition of data and interpretation of results.)
- 283.... EFFECTIVENESS OF RECOMBINANT ZOSTER VACCINE (SHINGRIX)... (5\*)
- 284.... EARLY LAPAROSCOPIC ILEOCECAL RESECTION DECREASES NEED... (5\*)
- 315.... NON-INVASIVE BREATH TEST SCREENING FOR BARRETT'S... (2\*)
- 316.... GLYCEMIC STATUS IN PATIENTS WITH CHRONIC... (7\*)
- 317.... CYTOF ANALYSIS OF HUMAN COLON AND... (6\*)
- 318.... SINGLE CELL DISSECTION OF THE TRANSCRIPTIONAL... (4\*)|(6)
- 337.... MAJOR GASTROINTESTINAL BLEEDING IN OLDER PERSONS...

(2\*)|(4)|(Bayer AG supplied the aspirin tablets and matching placebos but had no other role in trial conduct or reporting.)

- 338.... FEWER GASTROINTESTINAL BLEEDS WITH TICAGRELOR WHEN... (2\*)
- 339.... WARFARIN IS ASSOCIATED WITH HIGHER RATES... (4\*)
- 340.... PREDICTING TREND OF UPPER AND LOWER... (5\*)
- 341.... ANTITHROMBOTIC CESSATION FOLLOWING HOSPITALIZATION FOR DIVERTICULAR... (5\*)
- **342....** THE IMPACT OF NIGHT-TIME EMERGENCY DEPARTMENT... (5\*)

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\* = Primary Source

- 343.... DOES EARLY EGD IMPROVE MORTALITY IN... (5\*)
- **344....INTESTINAL ULTRASOUND RESPONSE AND TRANSMURAL HEALING...** (3\*)|(This study was supported by Janssen)
- 345.... ULTRASONOGRAPHY TIGHT CONTROL AND MONITORING IN... (5\*)
- 346.... CREEPING FAT IS ASSOCIATED WITH INTESTINAL... (2\*)
- 347.... SERUM METABOLOMIC APPROACH IDENTIFIES SECONDARY BILE... (6\*)|(4)
- $348.\dots$  MULTI-'OMICS PROFILING IN PATIENTS WITH QUIESCENT...

(2\*)|(6)|(Supported by the National Institutes of Health, Pfizer and Crohn's & Colitis Foundation)

- 349.... MULTIYEAR COMPARISON OF INFLUENCE OF ANTI-SACCHAROMYCES... (2\*)
- 350.... ALTERED GENE EXPRESSION IN THE COLON...  $(2^*)|(4)$
- 351.... ENTERIC NEURONAL AGGGREGATION OF  $\alpha$ -SYNUCLEIN DISRUPTS...  $(2^*)$
- 352.... INCREASED PREVALENCE OF PARKINSON'S DISEASE IN... (5\*)
- 353.... PARKINSON'S DISEASE: AN EFFERENT BRAIN-GUT DISORDER... (5\*)
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- 357.... TYPE 2 CYTOKINES PROMOTE METAPLASIA DEVELOPMENT... (2\*)|(4)
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- 372.... MUCOSAL CAPILLARY PATTERN RECOGNITION WITH REALTIME... (5\*)

- 373.... DEVELOPING SURVEILLANCE STRATEGY FOR PANCREATIC CANCER... (1\*)
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- 396.... INVOLVEMENT OF PIEZO2 IN COLONIC MECHANICAL...  $(2^*)|(4)$
- 397.... MICROBIOME GENOMICS REVEALS NOVEL BACTERIAL STRAINS... (3\*)|(Biomica LTD.)
- **398.... THE GEM PROJECT: IDENTIFICATION OF A...** (2\*)|(6)
- 399.... PROTEOMIC AND TRANSCRIPTOMIC ANALYSIS OF VERY... (6\*)
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- **405.... ROME IV AND ROME III IRRITABLE...** (3\*)|(4)|(Ironwood, Shire, Allergan, Takeda, Takeda-Israel)
- 406.... BAROSTAT ASSISTED SENSORY ADAPTATION TRAINING FOR... (2\*)
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- **423.... DYNAMICS OF INTESTINAL INFLAMMATION AND MICROBIAL...** (5\*)
- **424.... THE COMBINATION OF ALTERED MICROBIAL BIOGEOGRAPHY...** (2\*)|(7)|(PFIZER ASPIRE GRANT)
- 425.... SUBSETS OF HUMAN RESIDENT BACTERIAL SPECIES... (2\*)

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- **426.... FURTHER EVIDENCE THAT PROTEUS MIRABILIS IS...** (6\*)
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- 460.... SINGLE CELL RNA SEQUENCING ANALYSIS UNVEILS... (7\*)|(2)
- **461.... PROTON PUMP INHIBITOR** AND STATIN USE... (5\*)
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- 480.... METAGENOMIC AND METABOLOMIC ANALYSIS UNVEIL THE... (2\*)
- 481.... HUMAN MILK
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  INTESTINAL... (3\*)|(Prolacta Bioscience)
- **482.... PROBIOTIC-EDUCATED TREGS** ARE MORE POTENT THAN... (2\*)
- **483.... EFFECT OF SALACIA SPECIES EXTRACT ON...** (3\*)|(FUJIFILM Corporation, Japan)
- **484.... EVIDENCE FOR THE PRESENCE OF HUMAN...** (3\*)|(Glycom A/S sponsored the trial)
- 485.... FINANCIAL VOLATILITY OF INFLAMMATORY BOWEL DISEASES... (5\*)|(Claims Data was provided by Health

(5\*)|(Claims Data was provided by Health Care Financing Corporation (Blue Cross Blue Shield of Illinois, Texas, Oklahoma, New Mexico and Montana)

- 486.... IMPROVING ACCESS TO CARE REDUCES NEED... (5\*)
- **487.... EARLIER ANTI-TNF INITIATION PROMOTES LOWER SUBSEQUENT...** (6\*)
- 488.... PROBABILITY OF VEDOLIZUMAB RESPONSE AS DEFINED... (3\*)|(Takeda Pharmaceuticals U.S.A, Inc.)
- 489.... HIGH COST-RELATED MEDICATION NON-ADHERENCE AMONG ADULTS... (4\*)
- 490.... ASSOCIATION OF INFLAMMATORY BOWEL DISEASE (IBD)... (5\*)
- 491.... VARIATIONS IN HEALTHCARE UTILIZATION PATTERNS AMONG... (5\*)

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- 523.... A PROSPECTIVE SYSTEM FOR TRACKING COLONOSCOPY... (4\*)
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- **525.... PILOTING THE ANNIE TEXT MESSAGING PROTOCOL...** (5\*)
- 526.... AUTOMATED TEXT MESSAGE ALGORITHM REDUCES COLONOSCOPY... (2\*)
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- **528.... IN-SERVICE EDUCATION AND CHANGES TO THE...** (5\*)
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- **530....** OVERUTILIZATION OF FECAL OCCULT BLOOD TEST... (5\*)
- 531.... CHARLSON COMORBIDITY INDEX IS A USEFUL... (5\*)
- **532.... EFFORTS TO ERADICATE HELICOBACTER PYLORI IN...** (5\*)
- 533.... SUSTAINED IMPROVEMENT IN ANTIBIOTIC STEWARDSHIP IN... (5\*)
- 534.... DEDICATD CYTOPATHOLOGISTS VS COMMUNITY PATHOLOGIST SIGNIFICANTLY... (5\*)
- 535.... IMPROVING VENOUS THROMBOEMBOLISM PROPHYLAXIS IN PATIENTS... (5\*)
  - **Abstract Funding Source Key** 
    - \* = Primary Source

- **536.... IMPROVING PROPHYLACTIC ANTIBIOTIC USE IN PATIENTS...** (5\*)
- **537.... WIDE VARIATION IN ADHERENCE TO ROUTINE...** (5\*)
- 538.... IMPROVING HELICOBACTER PYLORI TESTING IN PATIENTS... (5\*)
- 539.... IMPROVING H. PYLORI TESTING IN INPATIENTS... (5\*)
- 540.... IT'S ALL ABOUT THE PREP: IMPROVING... (5\*)
- **541.... BIOPSY AND EMPIRIC DILATION PRACTICES IN...** (5\*)
- 542.... HOSPITAL SYSTEM PREDICTORS OF INCOMPLETE COLONOSCOPY... (5\*)
- 543.... IMPROVING ENDOSCOPIC AND DISCHARGE MANAGEMENT OF... (5\*)
- **544.... TRACKING COLONOSCOPY QUALITY MEASURES IN GI...** (5\*)
- 545.... PNEUMOCOCCAL VACCINATION RECOMMENDATION AND COMPLETION RATES... (5\*)
- 546.... VETERANS WITH HEPATITIS B, WHO IS... (5\*)
- 547.... SELECTION OF AN APROPRIATE HELICOBACTER PYLORI... (5\*)
- 548.... EVALUATION OF A NOVEL AUTOMATED CONTINUOUS... (5\*)
- 549.... IMPROVING VACCINATION RATES IN VETERANS WITH... (5\*)
- 550.... INFLAMMATORY BOWEL DISEASE PATIENTS HOSPITALIZED FOR... (5\*)
- 551.... REAL WORLD ADHERENCE TO GUIDELINE RECOMMENDATIONS... (5\*)
- 558.... STREPTOCOCCUS THERMOPHILUS INHIBITS COLORECTAL TUMORIGENESIS THROUGH... (2\*)
- 559.... ACTIVATION OF TOLL-LIKE RECEPTOR 2 (TLR2)... (2\*)
- 561.... A RAPID CRISPR/CAS9 GENOME EDITING SCREEN... (7\*)|(4)
- **562.... THE JAK INHIBITOR TOFACITINIB RESCUES INTESTINAL...**(2\*)|(Aspire-Pfizer 2017 IBD Research Award to DFM.)

- 563.... INTESTINE-SPECIFIC DELETION OF RNA-BINDING MOTIF PROTEIN... (2\*)
- 564.... AN INFLAMMATORY DIET AND RISK OF... (2\*)
- 565.... TRANSCRIPTOMIC AND PHENOTYPIC CHARACTERIZATION OF A... (6\*)|(3)|(Taekda Pharmaceuticals)
- 566.... LARGE META GENOME WIDE ASSOCIATION STUDY...
  (4\*)|(2)|(Helmsley Charitable Trust)
- 567.... TL1A OVEREXPRESSION IN CD PATIENTS AND...  $(2^*)$
- 568.... FAMILIAL SMALL INTESTINAL (MIDGUT) NEUROENDOCRINE TUMOR...  $(2^*)$
- 569.... INVESTIGATION OF THE INTEGRIN SIGNALLING PATHWAY... (4\*)
- **570.... PREVALENCE OF LYMPH NODE/ DISTANT METASTASIS...** (5\*)
- 571.... NOVEL DIGITAL SPATIAL PROFILING OF GASTROENTEROPANCREATIC... (2\*)
- 572.... ASSOCIATION BETWEEN SOMATOSTATIN ANALOGUE TREATMENT AND... (5\*)
- 573.... EGF-INDUCED NUCLEAR EXPORT OF MENIN STIMULATES... (2\*)
- **574.... RECENT TRENDS IN COLORECTAL CANCER SCREENING...**(3\*)|(Exact Sciences)
- 575.... A HIGHLY SENSITIVE AND QUANTITATIVE MULTIMODAL... (3\*)|(CellMax Life)
- **576.... EARLY COLORECTAL CANCER SCREENING IN AFRICAN...** (5\*)
- 577.... EFFECT OF ORGANIZED MAILED FECAL IMMUNOCHEMICAL... (2\*)|(4)
- **578.... DELAY TO DIAGNOSTIC COLONOSCOPY AFTER ABNORMAL...**(2\*)
- 579.... PREVALENCE AND CHARACTERISTICS OF POST-COLONOSCOPY COLORECTAL... (2\*)
- **580.... RACE, ETHNICITY, AND SOCIOECONOMIC STATUS PREDICT...** (5\*)
- **581.... DECREASED EXPRESSION AND FUNCTION OF INTESTINAL...** (2\*)

- 582.... TEDUGLUTIDE INHIBITS SODIUM CAPRATE-INDUCED CLATHRIN-MEDIATED LPS... (2\*)|(3)|(Shire/Takeda Pharmaceuticals)
- 583.... NPC1L1-DEPENDENT TRANSPORT OF 27-ALKYNE CHOLESTEROL TO... (2\*)
- 584.... DYNAMIC INTERACTIONS AMONG CFTR, NHERF4 (NF4)... (2\*)
- 585.... UNIQUE REGULATION OF CHLORIDE BICARBONATE EXCHANGERS... (2\*)
- 586.... ER LUMINAL ERAD AS A NOVEL...  $(4^*)|(2)$
- 587.... INFLAMMATION CAN BE RE-INDUCED IN ORGANOIDS... (2\*)
- 588.... GII.3 HUMAN NOROVIRUS REQUIRES BILE ACID... (2\*)
- 589.... PEDIATRIC CROHN'S DISEASE PATIENT DERIVED ORGANOIDS... (4\*)
- **590....AN ORGANOID-IMMUNE CELL CO-CULTURE PREDICTIVE MODEL...**(2\*)|(4)
- 591.... HUMAN BIOPSY-DERIVED COLONOIDS ARE USEFUL TO... (3\*|(Merck IISP 53472)
- 592.... HUMAN INTESTINAL STEM CELL (ISC)-DERIVED ENTEROIDS/COLONOIDS... (2\*)
- 593.... CONFOCAL LASER ENDOMICROSCOPY FOR DETECTION OF... (2\*)
- 594.... CLINICAL SIGNIFICANCE OF SURVEILLANCE-DETECTED DUCTAL ABNORMALITIES... (2\*)|(6)
- 595.... SYNCHRONOUS OCCURENCE OF PRENEOPLASTIC LESIONS IN... (5\*)
- 596.... SURVEILLANCE BIOPSIES SHOULD BE DONE ON... (5\*)
- **597.... OUTCOMES OF ENDOSCOPIC SURVEILLANCE AND FAMILY...** (5\*)
- 598.... POST-COLONOSCOPY COLORECTAL CANCER IN LYNCH SYNDROME... (5\*)
- **611.... EFFICACY OF ENDOSCOPIC REVISION WITH COMBINATION...** (5\*)
- 613.... ANTIBODIES TO INFLIXIMAB ACCELERATE DRUG CLEARANCE... (2\*)|(6)

- 614.... RECTAL TISSUE DNA METHYLATION IN ULCERATIVE... (2\*)
- **615.... PHARMACOKINETICS OF USTEKINUMAB IN CHILDREN AND...** (3\*)|(This study was funded by Janssen Research and Development, LLC.)
- **616.... RESULTS OF THE FIRST PAEDIATRIC RANDOMIZED- CONTROLLED...** (4\*)|(3)|(Rebiotix Inc. supplied the fecal transplant product for this study.)
- 617.... TAXA4META: GENERATING PRECISE 16S TAXONOMIC PROFILES... (2\*)
- 618.... THE SMALL INTESTINAL MICROBIOME VARIES WITH... (6\*)
- **619....** A LOSS OF FUNCTION SNP IN...  $(2^*)$
- **620.... A MOLECULAR NETWORK SURVEY PREDICTS NICKEL...** (4\*)|(3)|(
  Janssen R & D)
- 621.... THE PREVALENCE OF PSYCHIATRIC COMORBIDITY IS... (5\*)
- 622.... CURBING CHRONIC PANCREATITIS READMISSIONS: UTILIZING THE... (5\*)
- 623.... EXCLUSION OF ATYPICAL FOOD ALLERGENS DETECTED... (4\*)|(Rashid Hussain trust Kuala Lumpur, Malaysia)
- 630.... TAK-101 (TIMP-GLIA)
  PREVENTS GLUTEN CHALLENGE
  INDUCED... (3\*)|(The study was
  sponsored by COUR Pharmaceuticals
  Development Co., Inc.)
- 631.... THE IMPACT OF SCREENING LOWER ENDOSCOPY...  $(2^*)|(4)$
- 633.... THE FIRST PROSPECTIVE, MULTICENTER, RANDOMIZED CONTROLLED... (3\*)|(Mitsubishi-Tanabe Pharma)
- **634.... RESULTS FROM THE BARRETT'S OESOPHAGUS TRIAL...**(6\*)|(2)
- **635.... DIRECT ACTING ANTI-VIRAL PROPHYLAXIS TO PREVENT...** (4\*)|(3)|(Gilead provided DAA for some patients.)
- 636.... UNRAVELLING THE MOLECULAR MECHANISM RESPONSIBLE FOR... (2\*)|(6)
- 637.... TUMOR NECROSIS FACTOR RECEPTOR 2 REGULATES...  $(2^*)|(4)$

**Abstract Funding Source Key** 

- **638.... COLONIC SPROUTY2 EXPRESSION IS DYSREGULATED IN...**(2\*)|(6)|(NIH 1R01DK119694 (Frey);
  Crohn's and Colitis Foundation CDA (Schumacher)
- 639.... NEUROTENSIN (NT) SIGNALING-ASSOCIATED LONG NON-CODING RNA... (6\*)
- 640.... CIRCULAR RNA HIPK3 PROMOTES INTESTINAL EPITHELIAL... (2\*)
- **641.... DISRUPTION OF INTESTINAL EPITHELIUM DUE TO...** (2\*)
- 642.... HIGH-THROUGHPUT SCREENING IDENTIFIED LORATADINE AND GENISTEIN... (2\*)|(3)|(MERCK)
- 643.... HOST-DIRECTED DRUG CANDIDATES TO COMBAT CLOSTRIDIOIDES...  $(2^*)|(4)$
- 644.... IDENTIFICATION OF NOVEL CHANGES IN MICROBIALLY-DERIVED... (2\*)|(4)
- 645.... CLOSTRIDIOIDES DIFFICILE WHOLE GENOME SEQUENCING DIFFERENTIATES... (5\*)
- 646.... COLONIC MUCOSAL COLONIZATION OF CLOSTRIDIOIDES DIFFICILE... (4\*)
- 647.... FECAL MICRORNAS ARE ASSOCIATED WITH TGF-BETA... (2\*)
- 648.... BRAIN-DERIVED NEUROTROPHIC FACTOR PLAYS A CRITICAL... (2\*)
- 649.... DE NOVO ENTERIC NEUROGENESIS IN POST-EMBRYONIC... (2\*)|(4)
- 650.... ENTERIC GLIAL ACTIVATION IS A PATHWAY-SPECIFIC... (2\*)|(4)
- 652.... ENTERIC GLIAL MHC II EXPRESSION MODULATES... (2\*)
- 653.... MIR-10B-5P RESCUES AND PREVENTS DIABETIC GASTROPARESIS... (2\*)
- **654....** EFFECTS OF SCFA ON HISTONE ACETYLATION...  $(2^*)$
- 655.... DIETARY MONOSODIUM GLUTAMATE EXACERBATES VISCERAL HYPERSENSITIVITY... (2\*)
- 656.... EPIGENETIC MECHANISMS IN THE AMYGDALA UNDERLYING... (2\*)

- 657.... PGE2 PRODUCED BY MAST CELLS IS... (2\*)
- 658.... GUT DYSBIOSIS PROMOTES COLONIC M1 MACROPHAGE... (2\*)
- 659.... ENDOPLASMIC RETICULUM STRESS DRIVES INTESTINAL HYPERPERMEABILITY... (5\*)
- **684....** INCIDENCE OF VENOUS THROMBOEMBOLIC EVENTS IN... (3\*)|(Pfizer Inc)
- 697.... VIRTUAL REALITY MINDFULNESS THERAPY VS. VIRTUAL... (5\*)
- 698.... TRANSLUMBOSACRAL
  NEUROMODULATION THERAPY (TNT):
  A NOVEL... (5\*)
- 699.... CHANGES IN AGED ENS INDUCES A... (2\*)
- 700.... CELL THERAPY USING ADULT NEURAL-PROGENITOR CELLS... (4\*)
- **702....** MACHINE LEARNING MODELS IN THE PREDICTION... (4\*)
- **703.... IS HELICOBACTER PYLORI CURE A LONG-LIFE...** (5\*)
- 705.... TAILORED ANTIBIOTIC SUSCEPTIBILITY-GUIDED THERAPY VIA GASTRIC... (5\*)
- **706.... TREATMENT OF H PYLORI IS NOT...** (2\*)
- 707.... COMPREHENSIVE PROFILING OF THE ANTIBIOTIC RESISTANCE... (4\*)
- 708.... IMMUNOGLOBULIN A COATING OF INTESTINAL MICROBIOTA...
- (4\*)|(EB is supported by the Alexandre Suerman program for MD and PhD candidates of the University Medical Centre Utrecht, Netherlands.)
- 709.... PAIRED IMMUNOGLOBULIN-LIKE RECEPTOR B REGULATES INFLAMMATION... (2\*)
- **711.... BLOCKADE OF ALPHA E BETA 7...** (2\*)|(6)
- **712....** METABOLIC MODULATION OF CD4+ T CELLS... (4\*)|(2)
- 713.... NON-INVASIVE ELECTRICAL SPLENIC NERVE STIMULATION AMELIORATES... (3\*)|(Galvani Bioelectronics)
- 714.... CONSISTENT ALTERATIONS OF SPECIFIC GUT MICROBIAL... (2\*)
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    - \* = Primary Source

- 715.... SACCHAROMYCES BOULARDII CNCM I-745 IMPROVES GUT-BRAIN... (3\*)|(Biocodex – Gentilly – France)
- 716.... INCREASED RISK OF DEPRESSIVE DISORDER AFTR... (2\*)
- 717.... NOVEL ASSOCIATIONS OF BRAIN MORPHOMETRY WITH... (2\*)
- 718.... EFFECT OF EXCLUSION DIETS ON SYMPTOM... (5\*)
- 719.... HIGH STRESS REACTIVITY IS ASSOCIATED WITH...  $(2^*)|(4)$
- 736.... MUTANT EPCAM MODEL OF CONGENITAL TUFTING...  $(2^*)$
- 737.... MICROPHYSIOLOGICAL ENGINEERING OF INTESTINAL MORPHOGENESIS BY... (2\*)|(4)
- 750.... DIFFERENCES IN THE RISK OF PERSISTENT... (5\*)
- 751.... A FIVE BIOMARKER PANEL OUTPERFORMS EXISTING... (2\*)
- 752.... THE INTERPLAY BETWEEN GUT MICROBIOTA AND... (2\*)
- 753.... NOTCH INHIBITION PROMOTES PANCREATIC KRT5+ CELLS... (4\*)
- 754.... VARIABLE CELL-SPECIFIC SPINK1 EXPRESSION IN THE... (2\*)|(4)
- 755.... AN INDIVIDUAL-HOUSING BASED SOCIOECONOMIC STATUS MEASURE... (5\*)
- 756.... ASSOCIATION BETWEEN NEIGHBORHOOD INCOME AND PERSISTENT... (5\*)
- 757.... WHO'S OUT? RESULTS OF A SCREENING... (4\*)
- 758.... CHILDHOOD GROWTH IN SCREEN-DETECTED CELIAC DISEASE:... (2\*)
- 759.... IMMUNE CHECKPOINT INHIBITOR-ASSOCIATED CELIAC DISEASE ... (2\*)|(7)
- **760.... A NOVEL ORDINAL SEVERITY SCALE ALLOWS...** (3\*)|(This study was funded by Takeda Pharmaceutical
  Company Ltd. Medical writing support was provided by Steve Banner of Oxford PharmaGenesis, Oxford, UK and was funded by Takeda Pharmaceutical
  Company Ltd.)

- 761.... MEGA-ANALYSIS REVEALS NOVEL GENETIC ASSOCIATIONS WITH... (2\*)|(6)
- 762.... INCREASED RISK OF SMALL BOWEL CANCER... (4\*)
- **763.... PREVALENCE AND EFFECT OF GENETIC RISK...** (4\*)|(2)|(Helmsley Charitable Trust)
- 764.... MACHINE LEARNING IDENTIFIES NOVEL BLOOD PROTEOMIC... (2\*)|(6)
- 765.... RISK OF AVOIDANT/RESTRICTIVE FOOD INTAKE DISORDER... (5\*)
- 766.... SCATTERED INTESTINAL EPITHELIAL APOPTOSIS INDUCES MOUSE... (2\*)
- 767.... ACTIVATION OF FXR SUPPRESSES TNFA AND... (3\*)|(Metacrine)
- 768.... THE ORIGIN AND FUNCTION OF CANCER-ASSOCIATED... (2\*)
- 769.... DIETARY PROTEIN DIFICIENCY RECAPITULATES KEY HISTOLOGIC... (4\*)
- 770.... GENERATION OF A GASTRIC ADENOCARCINOMA AND... (2\*)
- 771.... LYSOPHOSPHATIDIC ACID TREATMENT IMPROVES BRUSH BORDER... (2\*)
- **814.... PLACEBO WITHOUT DECEPTION IS EFFECTIVE IN...** (2\*)|(6)
- 815.... IMPACT OF PARENTAL ILLNESS AND INJURY... (2\*)
- 816.... OESOPHAGEAL MUCOSAL INTEGRITY AND INNERVATION IN... (4\*)
- 817.... THE HUMAN GUT VIROME IS GEOGRAPHY...  $(2^*)|(4)$
- **818.... IMBALANCE OF THE INTESTINAL VIROME CAUSED...** (2\*)|(4)
- 825.... ONCOGENIC POTENTIAL OF DYSPLASTIC STEM CELLS...  $(2^*)|(4)$
- 826.... THE ROLE OF THE HIPPO PATHWAY...  $(2^*)|(7)$
- 827.... STROMAL CELLS STIMULATE BMI1-DEPENDENT SMALL INTESTINAL... (2\*)
- 828.... SLC26A9 PROTECTS GASTRIC EPITHELIAL CELLS AGAINST... (2\*)

- 829.... CONFIRMATION OF CHIEF CELLS AS THE...  $(2^*)|(4)$
- 830.... TYPE II INNATE LYMPHOID CELLS (ILC2S)...  $(2^*)$
- 831.... CB1 MEDIATES THE ENERGY EFFECTS OF... (4\*)
- 832.... EFFECT OF MODERATE ALCOHOL CONSUMPTION ON... (2\*)
- **833.... DIETS HIGH IN OMEGA AND...** (2\*)
- 834.... EFFECT OF MATERNAL OBESITY INDUCED BY... (4\*)
- 835.... LACTATED RINGER'S SOLUTION VERSUS NORMAL SALINE... (5\*)
- 836.... EFFECT OF SYNBIOTICS IN REDUCING THE... (4\*)
- 837.... RADIOMIC FEATURES DISTINGUISH PANCREATIC CANCER FROM... (2\*)
- 838.... DISORDERING OF ACINAR CELL CHOLESTEROL HOMEOSTASIS... (2\*)
- 840.... TOWARDS THE BIOCHEMICAL DIAGNOSIS OF BILE... (2\*)|(3)|(Sigmatau Rare Disease Ltd. provided chenodeoxycholic acid (Xenbilox®) without restrictions as an independent grant.)
- 841.... EFFECT OF AMOXICILLIN-CLAVULANATE VERSUS METRONIDAZOLE AND... (2\*)
- **842.... VALIDATION OF PERIPHERAL EOSINOPENIA AS A...** (5\*)
- **844.... MEDICATION USE AND MICROSCOPIC COLITIS:** A... (5\*)
- **845.... CAN WE RELIABLY REPLACE** THE SEHCAT... (3\*)
- **846....** ANTIBIOTIC USE AND THE DEVELOPMENT OF...  $(6^*)|(2)$
- 847.... DIETARY GLUTEN INTAKE AND RISK OF...  $(2^*)|(4)$
- **848.... ASSOCIATION BETWEEN STATIN USE AND RISK...** (4\*)|(6)
- 849.... CHOLECYSTECTOMY CONTRIBUTES TO FUNCTIONAL ABDOMINAL SYMPTOMS... (2\*)
- 850.... ASSOCIATION OF LYMPHOMA WITH AGE AT... (6\*)
  - **Abstract Funding Source Key** 
    - \* = Primary Source

- 851.... SQUALENE EPOXIDASE (SQLE) PROMOTES CRC VIA... (2\*)
- 852.... BILOPHILA WADSWORTHIA SUPPLEMENTATION REDUCES ADENOMA BURDEN... (4\*)|(2)
- 853.... CIGARETTE SMOKE PROMOTES COLORECTAL CANCER THROUGH... (2\*)
- 854.... EPITHELIAL TLR4-SHAPED MICROBIOTA INCREASES SUSCEPTIBILITY TO... (2\*)|(6)
- 855.... INVASIVE E. COLI SUPPRESS EPITHELIAL AUTOPHAGY... (2\*)
- 856.... SPATIAL MICROBIAL SIGNATURES IN COLORECTAL NEOPLASIA... (1\*)|(4)
- 857.... RATES AND TIMECOURSE OF EXCESS SERIOUS... (5\*)
- **858.... HOT OR COLD? PERSISTENCE OF HOT...** (5\*)
- 859.... COMPUTER-AIDED-DETECTION EMBEDDED COLONOSCOPY VERSUS ROUTINE COLONOSCOPY:... (5\*)
- 860.... DIGITAL NAVIGATION IMPROVES NO-SHOW RATES AND... (4\*)
- 861.... THE BOWEL CLEANSING
  NATIONAL INITIATIVE (BCLEAN):...
  (3\*)|(This study was supported by
  Pendopharm, division of Pharmascience
  Inc.)
- 862.... MULTICOMPONENT INTERVENTION IMPROVES UPTAKE OF SURVEILLANCE... (4\*)
- 863.... THE IL-33 RECEPTOR ST2 IS HIGHLY... (4\*)|(2)
- **864.... BARRIER DYSFUNCTION IN EOSINOPHILIC ESOPHAGITIS IS...** (6\*)|(2)
- 865.... EOSINOPHILIC ESOPHAGITIS MAY FOSTER ESOPHAGEAL BASAL... (2\*)
- 866.... CD252 (OX40L)+ ANTIGEN PRESENTING CELLS ARE... (4\*)
- 867.... EGID BIOPSIES HAVE FUNCTIONALLY DISTINCT AND... (3\*)|(Allakos, Inc.)
- 868.... HEPATOCELLULAR CARCINOMA INCIDENCE DECLINES AFTER WIDESPREAD... (2\*)
- 869.... TELEMEDICINE HCV TREATMENT IN DEPARTMENT OF... (5\*)

# 870.... RANDOMIZED CONTROLLED TRIAL OF IN-REACH WITH...

(2\*)|(3)|(This study was conducted with support from CPRIT PP180091 and FOCUS.)

- 871.... IMMUNOMODULATION OF AUTOIMMUNE HEPATITIS WITH A... (5\*)
- 872.... AUTOIMMUNE HEPATITIS PATIENTS ARE LESS LIKELY... (5\*)
- 873.... INCREASED RISK OF POST-TRANSPLANT MORTALITY IN... (5\*)
- 911.... LINACLOTIDE SAFETY AND EFFICACY IN CHILDREN... (3\*)|(This study was funded by Allergan plc and Ironwood Pharmaceuticals, Inc. Writing assistance by Complete HealthVizion, funded by Allergan plc and Ironwood Pharmaceuticals, Inc.)
- 913.... QUANTITATIVE ANALYSIS OF TUG SIGN: AN... (1\*)
- 914.... NOVEL SUBTYPING OF EOSINOPHILIC ESOPHAGITIS BASED... (5\*)
- 928.... AN ELECTRONIC HEALTH RECORD-BASED MACHINE LEARNING... (2\*)
- 929.... INTERLEUKIN13-MEDIATED DISRUPTION OF MITOCHONDRIAL BIOLOGY CONTRIBUTES... (2\*)|(4)
- 930.... HELICOBACTER PYLORI PROMOTES THE DIFFERENTIATION OF... (2\*)
- 931.... INCIDENCE OF NONCARDIA GASTRIC ADENOCARCINOMA AFTER... (1\*)
- 932.... HISTOLOGIC AND SYMPTOMATIC IMPROVEMENT ACROSS MULTIPLE... (3\*)|(2)|(Allakos, Inc.)
- 933....INTERLEUKIN-23 RECEPTOR SIGNALING MODULATES THE STABILITY... (2\*)|(4)
- 934.... STROMAL TNF RECEPTOR 1 (TNFR1) PRESERVES... (2\*)
- 935.... PRE-TREATMENT MUCOSAL INFLAMMATORY AND WOUND HEALING... (6\*)
- 936.... CADHERIN-11 IS
  UPREGULATED IN INFLAMMATORY
  BOWEL... (3\*)|(Pliant Therapeutics)

- 937.... A POSITIVE FEEDBACK LOOP BETWEEN CREEPING... (4\*)
- 938....ADIPOSE DERIVED
  MESENCHYMAL STEM CELLS
  ACELLULAR... (4\*)|(3)|(MSC2018003
  New Strategy to Improve MSC Based
  GVHD Therapy, Biological Industries USA
  (Li, PRINCIPAL INVESTIGATOR)
- 939.... TRADIPITANT TREATMENT CAUSED CLINICALLY MEANINGFUL AND... (3\*)|(Vanda Pharmaceuticals, Inc)
- 940.... GLOBAL KNOCKOUT OF MIR-10B IN MICE...  $(2^*)$
- 941.... EPIGENETIC ALTERATIONS IN THE PERIPHERAL CIRCULATION... (2\*)
- 942.... SYSTEMIC EPIGENETIC ALTERATIONS ARE ASSOCIATED WITH... (2\*)
- 943.... ASSESSMENT OF SMALL BOWEL MOTILITY IN... (4\*)
- 944.... MOLECULAR MECHANISM OF CINNAMALDEHYDE AND CURCUMIN... (2\*)
- 945.... HIGHER VERSUS STANDARD ADALIMUMAB MAINTENANCE REGIMENS... (3\*)|(AbbVie Inc.)
- **946.... DEEP REMISSION AT 1 YEAR IS...** (5\*)
- 947.... TOP-DOWN INFLIXIMAB SUPERIOR TO STEP-UP IN... (1\*)|(3)|(Pfizer)
- 948.... A NOVEL SUBCUTANEOUS INFLIXIMAB (CT-P13) IN... (3\*)|(Celltrion, Inc.)
- 949.... EFFICACY AND SAFETY OF 2 VEDOLIZUMAB... (3\*)|(Takeda)
- **950.... THE VISIBLE 2 PHASE 3 STUDY...** (3\*)|(Takeda)
- 951.... DEXAMETHASONE PROPHYLAXIS OF POSTEMBOLIZATION SYNDROME AFTER... (5\*)
- 952.... INSUFFICIENT RADIOFREQUENCY ABLATION PROMOTES THE METASTASIS... (2\*)
- 953.... IN SITU VACCINE IMMUNOTHERAPY FOR GASTROINTESTINAL... (5\*)
- 954.... THE INFLUENCE OF IMMUNE HETEROGENEITY ON... (2\*)

- 955.... INHIBITION OF CYCLIN DEPENDENT KINASES OVERCOMES... (6\*)
- 956.... GENOMEWIDE TRANSCRIPTOMIC PROFILING IDENTIFIES A NOVEL... (5\*)
- 992.... VEGETARIAN DIET REDUCES HUMAN GUT MICROBIAL... (2\*)
- 993.... NEURAL NETWORK PREDICTS DROP IN HEMOGLOBIN... (2\*)
- 994.... ASSOCIATION OF METEOROLOGICAL PARAMETERS WITH INCIDENCES... (4\*)
- **995.... PHASE 3 STUDY EVALUATING THE EFFICACY...** (3\*)|(Funded by Takeda Development Center Asia Pte Ltd, Singapore.)
- 996.... OUTCOMES IN PATIENTS ADMITTED WITH ACUTE... (5\*)
- 997.... SUPPRESSION OF LPS-INDUCED IL-6 PRODUCTION IN... (2\*)|(6)
- 998.... LOCAL AND SYSTEMIC IMMUNE SIGNATURE DIFFERENCES... (2\*)
- 999.... FECAL MICROBIOTA TRANSPLANTATION AMELIORATES EXPERIMENTALLY INDUCED... (2\*)
- 1000.... TWO TYPES OF HUMAN PANCREATIC ACINAR...  $(1^*)|(2)$
- 1007.... DIETARY FIBER INTAKE, THE GUT MICROBIOME,...  $(2^*)|(4)$
- 1008.... A RANDOMIZED CONTROLLED-FEEDING STUDY OF THE... (2\*)
- 1009.... ALTERED DIURNAL FEEDING PATTERNS LINKED WITH... (6\*)
- 1010.... MATERNAL EMULSIFIER EXPOSURE EXACERBATES THE SUSCEPTIBILITY... (2\*)
- 1011.... IMPAIRED THERMOGENESIS IN BROWN ADIPOSE TISSUE... (2\*)
- 1012.... DIET AND FEEDING PATTERN AFFECT THE...  $(2^*)|(7)$
- 1013.... SINGLE CELL (SC) RNA SEQ OF...  $(2^*)|(4)$
- 1014.... EXPLORING THE CANCER GENOME ATLAS (TCGA)... (5\*)
- 1015.... INTEGRATIVE MOLECULAR MARKER ANALYSES OF EARLY-ONSET... (2\*)

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- **1016....LOSS OF TGFBR2 IN DIFFUSE TYPE...** (5\*)
- 1017.... GENOMIC LANDSCAPE AND IMMUNE CHARACTERISTICS OF... (2\*)
- 1018.... IDENTIFICATION OF THE CANCER-SUPPRESSING CANCER-ASSOCIATED FIBROBLASTS... (5\*)
- 1019.... VITAMIN D RECEPTOR PROTECTS INTESTINAL BARRIERS... (2\*)|(4)
- 1020.... DEOXYCHOLATE ACID INDUCED-GUT DYSBIOSIS DISRUPTS BILE... (2\*)|(National Natural Science Foundation of China (81700456 to M.Q.X), Medical Health Technology Project of Zhejiang, China (2018KY104 to M.Q.X)
- 1021.... NFAT5 POSITIVELY CONTROLS GLYCOLYSIS IN INTESTINAL... (2\*)
- 1022....LOSS OF OLFACTORY G PROTEIN-COUPLED RECEPTOR... (2\*)
- 1023.... VITAMIN D RECEPTOR REGULATES EPITHELIAL-MESENCHYMAL TRANSITION... (2\*)
- 1024.... FUSOBACTERIUM NUCLEATUM SECRETES OUTER MEMBRANE VESICLES... (2\*)
- **1025.... EFFECTS OF ACUPUNCTURE ON SYMPTOMS, MICROBIOTA,...** (2\*)
- **1026.... LOW DOSE INTERLEUKIN-2 FOR THE TREATMENT...** (6\*)|(2)
- 1027.... SAFETY, TOLERABILITY, AND EFFICACY OF ANTI-TL1A... (3\*)|(Pfizer Inc)
- 1028.... USTEKINUMAB IS ASSOCIATED WITH BETTER EFFECTIVENESS... (1\*)
- 1076.... GASTRIC SLEEVE SURGERY WITH DUODENAL SWITCH... (4\*)
- **1077....** A PHASE 2, OPEN-LABEL, MULTICENTER, 2X2... (3\*)|(AzurRx BioPharma Inc.)
- 1078.... A DISTINCT BRAIN-GUT MICROBIOME PROFILE EXISTS...  $(2^*)|(4)$
- **1079.... PLASMA METABOLOMICS REVEAL A TARGETED PANEL...** (4\*)|(3)|(Investigator-initiated grant from Servier)
- 1080.... UTILITY OF COMBINING ENDOSCOPIC ULTRASOUND WITH... (5\*)

- 1081.... SEX DIFFERENCES IN PEDIATRIC ACUTE RECURRENT... (2\*)
- **1082....** A PROSPECTIVE ENDOSCOPIC AND HISTOLOGIC STUDY... (2\*)|(4)
- 1083.... RECURRENT NEOPLASIA AFTER ENDOSCOPIC TREATMENT FOR... (5\*)
- **1084....INDEPENDENT VALIDATION OF AN ACCURATE METHYLATED...**(4\*)|(3)|(Assays provided by Exact Sciences.)
- 1085.... INDEPENDENT VALIDATION OF TISSUECYPHER TO PREDICT... (3\*)|(Cernostics Inc.)
- 1092.... EPITHELIAL-DERIVED SELENOPROTEIN P ATTENUATES OXIDATIVE STRESS... (2\*)|(6)
- 1093.... SPERMIDINE PROTECTS FROM COLITIS AND COLITIS-ASSOCIATED... (2\*)|(4)
- 1094.... INHIBITION OF NF-κB SIGNALING IN DCLK1+... (2\*)|(4)
- 1095.... CLAUDIN-1 ENHANCES LIPID DROPLET ACCUMULATION TO... (2\*)
- 1096.... CLUSTERIN AGGRAVATES COLITIS AND COLON TUMORIGENESIS... (2\*)
- 1097.... ROLE OF MYELOID CELLS IN THE...  $(4^*)|(2)$
- 1098.... COLONIC EPITHELIAL CELL-SPECIFIC AFTIPHILIN (AFTPH) REGULATES... (6\*)
- 1099.... NEUROTENSIN DEFICIENCY IMPROVES BILE ACID HOMEOSTASIS... (2\*)
- 1100.... THE ROLE OF SMOOTH MUSCLE CELL... (2\*)
- 1101....LYSOPHSOPHATIDIC ACID RECEPTOR 5 ENHANCES INTESTINAL... (2\*)
- 1102.... ELEVATED HEXOKINASE 1 IMPAIRS INTESTINAL ENTEROCYTE... (2\*)
- 1103.... EPITHELIAL IKKβ SIGNALING REGULATES NEUTROPHIL RECRUITMENT... (2\*)
- 1104.... COLITIS INDUCES CARDIAC REMODELING BY ELEVATING... (2\*)|(7)
- 1105.... COMPREHENSIVE CHARACTERIZATION OF THE GENOMIC LANDSCAPE... (4\*)
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- 1107.... METTL14 INHIBITS THE TUMORIGENESIS AND METASTASIS... (2\*)
- 1108.... A SINGLE RESIDUE IN MYELOID TRANSLOCATION... (2\*)|(4)
- 1109.... REGULATION OF SOX-2 EXPRESSION BY BONE...  $(2^*)|(4)$
- 1120.... ASSOCIATION BETWEEN PERSISTENT ORGANIC POLLUTANT... (4\*)
- 1121.... INTESTINAL STEM CELL NICHE IN PATIENTS... (5\*)
- 1122.... IMMUNE RECOGNITION OF EPITOPES DERIVED FROM... (4\*)
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- **1125....KUMA062 EFFECTIVELY DIGESTS GLUTEN IN THE...** (3\*)|(The study was sponsored by PvP Biologics, Inc.)
- 1126.... HEALTHY LIFESTYLE, ENDOSCOPIC SCREENING, AND COLORECTAL... (2\*)
- 1127.... SCREENING AND SURVEILLANCE COLONOSCOPY FINDINGS ARE... (2\*)
- 1128.... CRC SCREENING REDUCES LONG-TERM ALL-CAUSE AND... (2\*)
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- 1136.... NADPH OXIDASE 4 INDUCES EPITHELIAL-MESENCHYMAL

- **TRANSITION...** (2\*)|(National Natural Science Foundation of China,81871947)
- 1137.... OPIOID-RELATED EMERGENCY DEPARTMENT VISITS AND HOSPITALIZATIONS... (2\*)
- 1138.... HIGH-DOSE DAILY OPIOID USE AMONG VETERANS... (2\*)
- 1139.... HIGH-VOLUME OPIOID PRESCRIBERS ACCOUNT FOR A... (4\*)
- 1140.... PATIENTS WITH INFLAMMATORY BOWEL DISEASE ARE... (5\*)
- 1141.... TRENDS AND SOCIOECONOMIC HEALTH OUTCOMES OF... (5\*)
- 1142.... MICROBIAL DEGRADATION
  OF ILEAL MUCUS PROMOTES... (2\*)|()|)
- 1143.... URINE 3-INDOXYL SULFATE, A GUT MICROBIOME-DERIVED... (2\*)
- 1144.... FECAL MICROBIOTA TRANSPLANT FOR MULTI-DRUG RESISTANT... (2\*)|(3)
- 1145.... AN EFFECTIVE METHOD OF ERADICATING HELICOBACTER... (2\*)
- 1147.... DETECTION OF SEASONAL INFLUENZA RNA IN... (2\*)|(3)|(This

- research was supported by AMED (grant number JP18fk0108077), and JSPS KAKENHI (grant number JP18K16183). This research was also supported by grants from the Mochida Memorial Foundation for Medical and Pharmaceutical Research, the Uehara Memorial Foun)
- 1148.... JAK INHIBITORS SUPPRESS COLON CANCER CACHEXIA-ASSOCIATED... (7\*)|(4)
- 1149.... THE DIETARY-SHAPED GUT MICROBIOME ACCELERATES THE... (4\*)
- 1150.... HIGH FAT DIET PROMOTES COLORECTAL TUMORIGENESIS... (2\*)
- 1151.... THE SULFUR MICROBIAL DIET SCORE AND... (2\*)|(6)
- 1152.... AUTOPHAGY INHIBITS COLORECTAL CARCINOGENESIS INDUCED BY... (4\*)|(2)
- 1153.... TRANSCRIPTIONAL SIGNATURES OF WESTERN-STYLE DIET IN... (4\*)
- 1154.... RNF125 CONTROL OF THE HISTONE DEACETYLASE... (2\*)
- 1155.... CO-TARGETING MAPK SIGNALING AND ASPARAGINE... (2\*)

- 1156.... ALDH1A3 PROMOTES PANCREATIC CANCER METASTASIS VIA... (2\*)
- 1157.... CIRCULATING IL-10R2+ MYELOID CELLS IN PERIPHERAL... (5\*)
- 1159.... CLINICOPATHOLOGICAL FEATURES OF THE FLAT... (5\*)
- 1160.... REAL-WORLD PEDIATRIC INFLIXIMAB PHARMACOKINETIC MODEL VERIFIES... (2\*)|(6)
- 1161.... CLINICAL AND HOST BIOLOGICAL FACTORS CAN... (2\*)
- 1162.... BASELINE ILEAL LUMINAL NARROWING IS ASSOCIATED... (2\*)|(6)|(NIH Funding P30DK078392, CCFA funding)
- 1163.... STEP-CD STUDY: USTEKINUMAB USE IN PAEDIATRIC... (5\*)
- 1164.... EFFICACY, SAFETY,
  TOLERABILITY OF USTEKINUMAB IN...
  (3\*)|(This study was funded by Janssen
  Research and Development, LLC)
- 1165.... CLINICAL HYPNOSIS IN PEDIATRIC CROHN'S DISEASE:... (4\*)|(6)



# **AGA Poster Presentations**

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Sa1002.... PREVALENCE OF ACHALASIA IN THE MEDICARE... (2\*)

Sa1003....ACCURACY OF FIBROSCAN CONTINUOUS ATTENUATION PARAMETER... (4\*)

Sa1004.... PREVALENCE OF COMPLICATIONS RELATED TO CHRONIC... (5\*)

Sa1005.... PREVALENCE OF GASTROINTESTINAL DISEASE IN AN... (2\*)

Sa1006.... TRENDS AND CHARACTERISTICS OF ACUTE CARE... (5\*)

Sa1007.... PATIENT-REPORTED OUTCOMES AND QUALITY OF LIFE... (5\*)

Sa1008.... INCIDENCE OF CLOSTRIDIOIDES DIFFICILE INFECTION FROM... (4\*)

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Sa1011.... HYPERBILIRUBINEMIA IN HOSPITALIZED PATIENTS: ETIOLOGY AND... (4\*)

Sa1012.... EFFECTS OF SYSTEMIC LUPUS ERYTHEMATOSUS ON... (5\*)

Sa1013.... EPIDEMIOLOGY AND PREVALENCE OF PSYCHIATRIC DISEASES... (5\*)

Sa1014.... WHAT IF IT'S STILL THERE? ANALYSIS... (5\*)

Sa1015.... NATIONAL HEALTH BURDEN OF ASPIRATION PNEUMONIA... (3\*)|(Aspisafe Solutions Inc.)

**Sa1016.... CLOSTRIDIOIDES DIFFICILE INFECTION: NOT AN EQUAL...** (5\*)

Sa1017.... A COMPARISON OF LYMPHOCYTIC COLITIS AND... (5\*)

Sa1018.... THE EPIDEMIOLOGY OF ANNULAR PANCREAS IN... (5\*)

Sa1019.... CHRONIC MESENTERIC ISCHEMIA, A HORSE INSTEAD... (5\*)

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Sa1022.... EPIDEMIOLOGY OF DEPRESSIVE DISORDERS IN PATIENTS... (5\*)

**Sa1023....** AN INDIAN NATIONAL SURVEY OF THERAPEUTIC... (5\*)

Sa1025.... HIGH COMPLEXITY AND CONFLICTING RECOMMENDATIONS ARE... (5\*)

Sa1026.... CHARACTERISTICS OF OPIOID PRESCRIPTIONS TO VETERANS... (2\*)

Sa1027.... EVALUATION OF SOCIOECONOMIC AND HEALTHCARE DISPARITIES... (5\*)

**Sa1028.... GENDER DISPARITIES IN PREVALENCE AND CONFLICTS...** (5\*)

Sa1029.... INVESTIGATION OF REPEAT GASTROINTESTINAL BLEEDING AMONG... (5\*)

Sa1030.... THE OVERALL QUALITY OF EVIDENCE SURROUNDING... (5\*)

Sa1031.... ENHANCED E-CONSULTS AT A FEDARALLY QUALIFIED... (5\*)

Sa1032.... DEVELOPMENT OF A PRELIMINARY QUESTION PROMPT... (5\*)

Sa1033.... FECAL GOLD MINE: TWITTER AS A... (2\*)

Sa1034.... ALARMING TRENDS IN ERCP ADMISSIONS FOR... (5\*)

Sa1035.... IDENTIFYING PATIENTS WITH ACUTE GASTROINTESTINAL BLEEDING... (5\*)

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**Sa1038.... DEVELOPMENT OF QUALITY INDICATORS FOR THE...** (5\*)

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\* = Primary Source

Sa1041.... CLINICAL CHARACTERISTICS ASSOCIATED WITH INCREASED INPATIENT... (5\*)

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Sa1044.... ASSOCIATION BETWEEN MEDITERRANEAN DIET ADHERENCE AND... (5\*)

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**Sa1046.... ELEMENTS FOR EARLY DETECTION IN PANCREATIC...** (5\*)

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Sa1048.... PATIENT FACTORS AFFECT ERGONOMIC STRAIN OF... (7\*)

Sa1049.... CANADIAN GASTROENTEROLOGY CAREER PATHWAY EXPERIENCES: A... (5\*)

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Sa1051.... WHAT IS THE IMPACT OF TRAINEE... (5\*)

Sa1052.... SIMULATOR-BASED TRAINING PROGRAMS ACCELERATE ACQUISITION OF... (5\*)

Sa1053.... MIND THE GAP: WOMEN REPRESENTATION On... (5\*)

Sa1054.... USEFULNESS OF JHALA ALGORITHM IN ASSESSMENT... (5\*)

Sa1055.... SHIFTS IN PERSPECTIVES OF SOCIAL MEDIA... (5\*)

Sa1056.... ADDRESSING EDUCATIONAL NEEDS TOWARDS ENHANCED CARE... (3\*)|(This activity is supported by educational grants from AbbVie, Inc.; Pfizer, Inc.; and Takeda Pharmaceuticals U.S.A., Inc.)

Sa1057.... EVALUATION OF A NUTRITION CURRICULUM DESIGNED... (5\*)

Sa1058.... FROM ABSTRACT TO PUBLICATION SUCCESS: A... (5\*)

Sa1059.... COLONOSCOPY QUALITY METRICS DURING GASTROENTEROLOGY FELLOWSHIP:... Sa1060.... COMPARING THE CONTRIBUTION OF INTERNATIONAL MEDICAL... (5\*)

Sa1061.... CHARACTERIZATION OF ENGAGEMENT AND CONTENT ANALYSIS... (5\*)

Sa1062.... CHANGHAI ADVANCED ENDOSCOPY COURSES FOR ERCP... (5\*)

Sa1063.... ARE PARENTAL LEAVE POLICES HELPING OUR... (5\*)

Sa1064.... SURVEYING GASTROENTEROLOGY CONTENT AND METHODS OF... (5\*)

Sa1065.... TEACHING GASTROENTEROLOGY TO FIRST YEAR MEDICAL... (5\*)

**Sa1066.... ADVANCED ENDOSCOPY TRAINING IN PEDIATRICS: THE...** (5\*)

Sa1067....IMPLEMENTATION OF A FIRST-YEAR GASTROENTEROLOGY FELLOWS'... (4\*)

Sa1068.... GI TALK: A COMMUNICATION SKILLS TRAINING... (5\*)

Sa1069.... GENDER DISPARITIES IN GASTROENTEROLOGY FELLOWS ACROSS... (5\*)

Sa1070.... IMPACT OF A VIRTUAL REALITY SIMULATION... (5\*)

**Sa1071.... EVALUATING THE IMPACT OF ADVANCED ENDOSCOPY...** (5\*)

Sa1072.... IMPACT OF PARENTHOOD ON GASTROENTEROLOGY TRAINING... (5\*)

Sa1073.... IMPACT OF TRAINEE PARTICIPATION ON ADENOMA... (5\*)

Sa1074.... SIGNIFICANT IMPROVEMENT OF PRIMARY CARE DOCTORS'... (3\*)|(Xian Janssen Pharmaceutical Ltd)

Sa1075.... HONOKIOL, A NOVEL AGENT THAT PROMOTES... (2\*)

Sa1076.... A NOVEL RAT MODEL OF HEARTBURN... (2\*)|(4)

Sa1077.... P2X7 RECEPTOR ANTAGONIST RECOVERS MYENTERIC NEURONS... (4\*)

Sa1078.... CANNABINOID RECEPTOR EXPRESSION AND THE EFFECT... (3\*)|(2)|(Arena Pharmaceuticals)

Sa1079.... ESTABLISHING AN INTESTINAL EPITHELIAL-NEURONAL CO-CULTURE SYSTEM... (4\*)|(2)

Sa1080.... THE DEUBIQUITINATING ENZYME USP10 REGULATES NA+/H+... (2\*)

Sa1081.... UNIQUE MECHANISMS OF REGULATION OF L-TYPE... (2\*)

Sa1082.... MOLECULAR MECHANISM OF STIMULATION OF NA-K-ATPASE... (2\*)

Sa1083.... GASTRIC AND PANCREATIC-DERIVED DOPAMINE STIMULATES... (2\*)

Sa1084.... MUSCARINIC AND NICOTINIC SIGNALING SYNERGISTICALLY REGULATE... (2\*)

Sa1085.... REGULATION OF ELECTROLYTE AND NUTRIENT TRANSPORTERS... (2\*)

Sa1086.... AUTOPHAGY REGULATES PUTATIVE ANION TRANSPORTER 1... (2\*)

Sa1087.... DEFICIENT ACTIVITY OF A GOBLET CELL-SPECIFIC... (2\*)|(6)

Sa1088.... GLUCOSE-STIMULATED ANION CHANNEL ACTIVITY DECREASED NET... (3\*)

**Sa1089.... SLC26A3 (DRA) IS STIMULATED BY BOTH...** (2\*)

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Sa1092.... APICAL BK CHANNELS IN INTESTINAL EPITHELIA... (6\*)

Sa1093.... CONTRIBUTION OF EPITHELIAL HYPERPROLIFERATION TO INCREASED... (6\*)

Sa1094.... EVIDENCE OF DUODENAL EPITHELIAL BARRIER IMPAIRMENT...  $(4^*)|(2)$ 

Sa1095.... PARD6B REGULATES INTESTINAL BARRIER FUNCTION IN... (2\*)

Sa1096.... SELECTIVE INHIBITION OF COX-1, BUT NOT...  $(2^*)$ 

Sa1097.... EXPLORING THE MECHANISMS OF LARAZOTIDE IN...

**Abstract Funding Source Key** 

\* = Primary Source

(3\*)|(Innovate Biopharmaceuticals Inc., Raleigh, NC, USA)

Sa1098.... OLEOYLETHANOLAMIDE AMELIORATES DEXTRAN SULFATE SODIUM-INDUCED COLITIS... (4\*)

Sa1099.... LACTOBACILLUS RHAMNOSUS GG (LGG) #NAME? ENTERIC... (2\*)

Sa1100.... INGESTED MICROPLASTICS POSE A POTENTIALLY SERIOUS...  $(4^*)$ 

Sa1102.... PROTECTIVE EFFECT OF ALISMATIS RHIZOMA ON... (2\*)

Sa1103.... ANTI-INFLAMMATORY EFFECT OF TEGOPRAZAN(CJ-12420), A NOVEL... (5\*)

Sa1104.... RELATIONSHIP BETWEEN ANTIMICROBIAL REG IIIY EXPRESSION... (5\*)

Sa1105.... EFFECT OF ANTIBIOTICS-INDUCED DYSBIOSIS ON MACROPHAGE... (5\*)

Sa1106.... THE IMPACT OF BILE SALT SEQUESTRANTS... (3\*)

Sa1107.... EFFECTS OF QIZHI WEITONG GRANULES ON... (5\*)

Sa1108.... SERUM AMYLOID A PROMOTES INFLAMMATION-ASSOCIATED DAMAGE,... (2\*)|(6)

Sa1109.... CRONKHITE-CANADA SYNDROME: A PRELIMINARY STUDY TO... (2\*)

Sa1110.... ENDOSCOPIC AND HISTOLOGIC INFLAMMATION IN THE...  $(5^*)$ 

Sa1111.... DOWN-REGULATION OF OLFM4 CONTRIBUTES TO METASTASIS... (5\*)

Sa1112.... TARGETED DELETION OF CIRCULAR RNA CDR1AS... (2\*)

Sa1113....LYCIUM BARBARUM POLYSACCHARIDES ATTENUATES COLONIC INFLAMMATION... (4\*)

Sa1114.... MODELING CONTEXT-DEPENDENT BUBR1 KINASE SIGNALING USING... (2\*)|(6)

Sa1115.... CIRCADIAN MISALIGNMENT BY ENVIRONMENTAL LIGHT: DARK SHIFTING... (5\*)

**Sa1116.... BISMUTH SUBSALICYLATE ALTERS THE EFFECTS OF...** (3\*)|(P & G grant IISP opportunity)

Sa1117.... THE EFFECTS OF SULGLYCOTIDE ON THE... (3\*)|(Samil pharmaceutical company)

Sa1118.... AUTOPHAGY IS REQUIRED FOR THE BENEFICIAL... (4\*)

Sa1119....TRISTETRAPROLIN EXPRESSION IN THE INTESTINAL EPITHELIUM... (5\*)

Sa1120.... DEPLETION OF DELTA-LIKE LIGAND 4 (DLL4)...  $(2^*)$ 

Sa1121....COMPOUND HETEROZYGOTE TRIM22 VARIANTS ARE A... (6\*)

Sa1122....TARGETED DRUG DELIVERY FOR INFLAMMATORY BOWEL... (2\*)

Sa1123.... REGULATORS OF THE GUANYLATE CYCLASE PATHWAY... (2\*)

Sa1124.... SINGLE CELL
TRANSCRIPTOMIC APPROACH TO
UNDERSTANDING... (2\*)|(U01DK112194
(Baylor), U01DK073983(JHU),
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(TTU), U01DK074007 (Louisville – Abell),
U01DK073974 (Wake Forest – Koch),
U01DK074008)

Sa1125....GENE EXPRESSION (GE) VALUES IN A... (3\*)|(NCT02589665 and this subsidiary analysis were designed, funded and conducted by Eli Lilly and Company.)

**Sa1126.... IMMUNE IMPAIRMENTS IN BOWEL OBSTRUCTION: ROLE...** (2\*)

Sa1127.... THE KETOGENIC ENZYME, HMGCS2, PROTECTS INTESTINAL... (2\*)

Sa1128....LUBIPROSTONE INCREASED EXPRESSION OF CLAUDIN-1 AND... (4\*)

Sa1129.... WATER AVOIDANCE STRESS DECREASES INNATE LYMPHOID... (4\*)

Sa1130.... THE EFFECT OF PHOENIXIN-14 ON... (4\*)

Sa1131.... EXOSOMES FROM HUMAN MESENCHYMAL STEM CELLS... (2\*)

Sa1132.... CHARACTERIZATION OF IL10 GENE-DEFICIENT MOUSE INTESTINAL... (2\*)|(4)|( National Natural Science Foundation of China, 81670477, 81600418, 81600412, 81600419; Sun Yat-Sen University

Clinical Research 5010 Program (2014008))

Sa1133.... THE ROLE OF INTERFERON-  $\alpha$  AND PLASMACYTOID...  $(4^{\ast})$ 

Sa1134.... THE GUT-SKIN AXIS IN SAMP1/YITFC MICE... (2\*)

Sa1135.... CYSTATHIONINE-γ-LYASE (CSE) DERIVED HYDROGEN SULFIDE (H2S)... (2\*)

Sa1136.... EFFECT OF TETRAHYDROCANNABINOL ON THE CANONICAL... (4\*)

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Sa1138.... MURINE INTRARECTAL INSTILLATION OF PURIFIED RECOMBINANT... (2\*)|(4)

Sa1139.... NEW THERAPEUTIC STRATEGY FOR AMINO ACID:... (2\*)

Sa1140.... MMP-9 DISRUPTION OF INTESTINAL EPITHELIAL TIGHT... (6\*)|(4)

Sa1141.... CSN6 PROMOTES COLORECTAL CANCER BY SUPPORTING... (2\*)

Sa1142.... THE ROLE FOR LONG NON-CODING RNA... (4\*)

Sa1144.... CONCONDANCE BETWEEN SOMATIC AND GERMLINE MUTATION... (5\*)

### Sa1145.... NOVEL LNCRNA HERES REGULATES WNT SIGNALING...

(2\*)|(This study was funded by the Ministry of Science and Information and Communication Technologies (ICT) (grant numbers 2017M3A9G8084539, 2017R1A2B4006316, and 2018R1A2B2003782))

Sa1146.... CANCER-RELATED GENETIC VARIANTS OF HELICOBACTER

**PYLORI...** (2\*)|This work was supported by JSPS (Japan Society for the Promotion of Science) KAKENHI Grant Numbers JP16K09295 to Yoshiyuki Watanabe.)

Sa1147.... GENETIC COMPARISON OF YOUNG-ONSET AND LATE-ONSET... (2\*)

Sa1148.... GENERATION AND CHARACTERIZATION OF HUMAN PANCREATIC... (2\*)

Sa1150.... CAN LONG TERM USE OF PROTON... (5\*)

Sa1151.... POST-TRAUMATIC STRESS DISORDER IN NEUROENDOCRINE TUMOR... (5\*)

Sa1152.... TUMOR RESPONSE TO PEPTIDE RECEPTOR RADIONUCLIDE... (5\*)

Sa1153.... RACIAL DIFFERENCES IN GASTROENTEROPANCREATIC NEUROENDOCRINE TUMOR... (6\*)

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Sa1155.... BILE ACIDS AND THE MICROBIOTA PLAY... (2\*)|(6)

Sa1156.... ROLE OF WNT NON-CANONICAL PATHWAY IN... (4\*)

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Sa1161.... INFLAMMATORY IMMUNE RESPONSES ASSOCIATED WITH ORAL... (4\*)

Sa1162.... COLORECTAL CANCER PROLIFERATION AND SURVIVAL ARE... (2\*)|(6)

**Sa1163.... PATIENTS WITH IBD ARE AT AN...** (5\*)

Sa1164.... PREOPERATIVE INTRAVENOUS IRON THERAPY AND SURVIVAL... (2\*)

Sa1165.... THE DNA MISMATCH REPAIR (MMR) PROTEIN...  $(2^*)|(4)$ 

Sa1166.... SYSTEMIC LUPUS ERYTHEMATOUS AND COLORECTAL CANCER:... (5\*)

Sa1167.... ADRENALINE-DEPENDENT IMMUNOLOGIC REPROGRAMMING IN ENDOTHELIAL CELLS... (2\*)

Sa1168.... RHEUMATOID ARTHRITIS AND COLORECTAL CANCER: THE... (5\*)

Sa1169.... ACHIEVING HISTOLOGIC NORMALIZATION IN LONG-STANDING ULCERATIVE... (5\*)

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- Sa1170.... TRENDS AND PREDICTORS OF ANAL CANCER... (5\*)
- Sa1171.... UPREGULATED SOX18 MEDIATED BY CCL7/CCR1/ERK/ELK1 PATHWAY... (2\*)
- Sa1172.... TRIP6-DEPENDENT ACTIVATION OF AKT/HIF1A CASCADE PROMOTES... (2\*)
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(3\*)|(This analysis was funded by Salix Pharmaceuticals, a division of Bausch Health US, LLC, Bridgewater, NJ, USA, which has licensed the rights to develop and commercialize Relistor® from Progenics Pharmaceuticals, Inc., New York, NY, USA.)

Sa1727.... CUMULATIVE LAXATION RESPONSE WITH METHYLNALTREXONE:

IMPLICATIONS... (3\*)|(Source of financial support for this project: This study was funded by Salix Pharmaceuticals, a division of Bausch Health US, LLC, Bridgewater, NJ, USA, which has licensed the rights to develop and commercialize Relistor® from Progenics Pharmaceuticals, I)

Sa1728.... HOW USEFUL IS CONSTIPATION STOOL APP... (5\*)

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(3\*)|(This analysis was funded by Shire Human Genetic Therapies, Inc., a member of the Takeda group of companies.

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Sa1745.... IMPACT OF A PATIENT SUPPORT PROGRAM... (3\*)|(Financial support for this study was provided by AbbVie. AbbVie participated in the interpretation of data, review, and approval of the publication. All authors contributed to the development of the publication and maintained control over the final conten)

**Abstract Funding Source Key** 

\* = Primary Source

Sa1746.... VEDOLIZUMAB DOSE ESCALATION IN PATIENTS WITH...

(3\*)|(This study was sponsored by Takeda Pharmaceuticals International)

Sa1747.... A MULTICENTER, OPEN-LABEL, CONTROLLED, RANDOMIZED STUDY... (3\*)|(Ferring Pharmaceuticals)

Sa1748.... CLINICAL EFFECTIVENESS AND SAFETY OF FIRST-LINE... (3\*)|(Takeda Pharmaceuticals Company Ltd)

Sa1749.... PATIENTS WITH CROHN'S DISEASE TREATED WITH... (3\*)|(Takeda Pharmaceuticals U.S.A, Inc.)

Sa1750.... WOULD K50\* BY ANY

OTHER NAME... (6\*)

Sa1751.... COMPARATIVE EFFECTIVENESS OF HIGH-DOSE INFLIXIMAB VS.... (5\*)

Sa1752.... POSTOPERATIVE CROHN'S DISEASE RECURRENCE BASED On... (5\*)

Sa1753.... STEROID-SPARING THERAPY USE AND PREVENTION OF... (2\*)|(6)

Sa1754.... THE EFFECT OF IMMUNOMODULATORS AND OTHER... (5\*)

Sa1755.... EFFECTIVENESS AND SAFETY OF ABP501, AN... (5\*)

Sa1756.... PRIMARY BIOLOGIC-COMBINATION THERAPY IS SUPERIOR COMPARED... (5\*)

Sa1757.... THE IBD URGENT CARE TOOLKIT: WHICH... (6\*)

Sa1758.... TARGETED HOUSESTAFF INTERVENTION REDUCES INAPPROPRIATE OPIOID... (5\*)

Sa1759.... IMPROVEMENT IN INFLAMMATORY BOWEL DISEASE CARE... (6\*)

Sa1760.... INCREASING PREVALENCE OF VENOUS THROMBOEMBOLISM IN... (5\*)

Sa1761.... AN INTERDISCIPLINARY CARE PROGRAM FOR RECENTLY...  $(4^*)|(2)$ 

Sa1763.... IBD MEDICATION COVERAGE DENIALS AND FORCED... (6\*)|(3)|(CCF and Takeda)

**Sa1764.... PERCEPTION OF REMISSION AND PREFERENCE FOR...**(3\*)|(This study was funded by Shire, a

member of the Takeda group of companies. Medical writing support was provided by Maxine Cox of PharmaGenesis London, London, UK, with funding from Shire International GmbH, a member of the Takeda group of companies.)

#### Sa1765.... PERCEPTION OF REMISSION AND PREFERENCE FOR...

(3\*)|This study was funded by Shire, a member of the Takeda group of companies. Medical writing support was provided by Maxine Cox of PharmaGenesis London, London, UK, with funding from Shire International GmbH, a member of the Takeda group of companies.)

Sa1766.... EFFECT OF INDIANA OPIOID PRESCRIPTION LEGISLATION... (4\*)

Sa1767....PROVIDER COLLABORATION AND INFLUENCE **MAY IMPACT...** (5\*)

Sa1768.... A MAJORITY OF YOUNG PATIENTS WITH... (5\*)

Sa1769.... ASSESSING PATIENT DECISION MAKING ON BIOLOGIC... (3\*)|(Pfizer Pharmaceuticals)

Sa1770....PREDICTORS OF MYCHART® MESSAGING USE IN... (5\*)

**Sa1772....VENOUS** THROMBOEMBOLISM PROPHYLAXIS **USE IN IBD...** (5\*)

Sa1773....POST-OPERATIVE PROPHYLAXIS WITH ANTI-TNF IN **PATIENTS...** (5\*)

Sa1774.... ARE WE ADDRESSING THE **TOP TEN...** (5\*)

Sa1775.... FELLOW INVOLVEMENT **DOES NOT CHANGE THE...** (5\*)

Sa1776.... TRENDS IN MEDICAL MANAGEMENT OF CROHN'S... (5\*)

Sa1777.... URGENT MEDICAL ACCESS **FOR PATIENTS WITH...** (5\*)

Sa1778.... RISK FACTORS FOR NON-ADHERENCE TO SELF-INJECTABLE...

Sa1779.... WHAT HEALTH CARE **EXPERIENCE DID PATIENTS...** (5\*)

Sa1780.... A VACCINATION STUDY AT A GROUP... (5\*)

Sa1781.... MONITORING OF PREVENTIVE CARE IN PATIENTS... (3\*)|(Pfizer Grant)

Sa1782.... HIGHER INDUCTION PROPOFOL DOSING DECREASES INDUCTION... (5\*)

Sa1783.... FASTER SEDATION TIMES **FOR INFLAMMATORY BOWEL...** (5\*)

Sa1784.... SCREENING FOR MELANOMA AND NON-MELANOMA SKIN... (5\*)

Sa1785.... OPIOID USE IN IBD PATIENTS: INCREASED... (5\*)

Sa1786.... INFLAMMATORY BOWEL **DISEASE PATIENTS' PERSPECTIVES OF...** (3\*)|(Roche/Genentech)

Sa1787.... CROHN'S DISEASE: PREDICTORS OF HOSPITAL DISPOSITION... (5\*)

Sa1788.... LOW LEVELS OF VITAMIN D AND... (5\*)

Sa1789.... THE IMPACT OF INFLAMMATORY BOWEL DISEASE...

Sa1790.... A RANDOMIZED **CONTROLLED TRIAL OF THE...** (6\*)

Sa1791.... USE OF A POINT-OF-CARE SCREENING TOOL... (5\*)

Sa1792....PATIENT-REPORTED **HEALTH-RELATED QUALITY OF LIFE OUTCOMES...** (3\*)|(Takeda)

Sa1793.... EFFICACY AND SAFETY OF IRON CARBOXYMALTOSE... (3\*)|(VIFOR)

Sa1794.... MODERATE ENDURANCE-AND MUSCLE TRAININING IS... (6\*)|(THIS STUDY WAS SUPPORTED BY THE GERMAN CROHN AND COLITIS FOUNDATION (DCCV E.V.))

Sa1795.... DISEASE-SPECIFIC AVOIDANCE IS ASSOCIATED WITH **FATIGUE...** (5\*)

Sa1796....ADJUNCT PHARMACOTHERAPY USE FOR POUCH-**RELATED SYMPTOMS...** (5\*)

Sa1797.... REAL WORLD USE OF THE **IBD...** (5\*)

Sa1798.... ANOREXIA NERVOSA IS **ASSOCIATED WITH WORSE...** (5\*)

Sa1799.... AVOIDANT/RESTRICTIVE **FOOD INTAKE DISORDER IN AN...** (5\*) **Abstract Funding Source Key** 

Sa1800.... EFFECT OF PATIENT-REPORTED OUTCOMES, PROMIS MEASURES... (2\*)

Sa1801.... INFLAMMATORY BOWEL DISEASE PATIENTS WITH ACTIVE... (3\*)|(Takeda Pharmaceuticals U.S.A., Inc.)

Sa1802.... NATIONAL TRENDS IN **ANXIETY AND DEPRESSION...** (5\*)

Sa1803.... NATIONAL TRENDS IN ANXIETY AND DEPRESSION... (5\*)

Sa1804.... GOALS AND CONCERNS **REPORTED BY PATIENTS...** (7\*)

Sa1805.... BRAIN DERIVED NEUROTROPHIC FACTOR IS **ELEVATED...** (2\*)

Sa1806.... USING A HUMAN-CENTERED DESIGN APPROACH FOR... (3\*)|(Takeda)

Sa1807.... USTEKINUMAB MAINTAINED CLINICALLY MEANINGFUL IMPROVEMENT IN... (3\*)|(This study was funded by Janssen Research & Development, LLC)

Sa1808.... C-REACTIVE PROTEIN IS ASSOCIATED WITH DEPRESSION... (5\*)

Sa1809.... ROUTINE PSYCHOLOGICAL SCREENING IN INFLAMMATORY BOWEL... (5\*)

Sa1810.... APPLICABILITY OF THE **VISCERAL SENSITIVITY INDEX...** (4\*)

Sa1811.... PREVALENCE AND RISK FACTORS FOR SLEEP... (5\*)

Sa1812.... EATING DISORDERS IN AN **OUTPATIENT ACADEMIC...** (5\*)

Sa1813.... THE IMPACT OF INFLAMMATORY BOWEL DISEASE... (5\*)

Sa1814.... PERCEIVED HEALTH AND **ACTIVITY LIMITATIONS IN...** (5\*)

Sa1815.... PATIENT ATTITUDES REGARDING CONTINUATION AND DE-ESCALATION... (5\*)

Sa1816.... EFFECTS OF SUBCUTANEOUS VEDOLIZUMAB ON **HEALTH-RELATED...** (3\*)|(Takeda)

Sa1817.... REAL WORLD PREVALENCE **OF BOWEL MOVEMENT...** (3\*)|The study was funded by Eli Lilly and Company)

Sa1818.... FINDINGS FROM A LARGE **SAFETY NET...** (5\*)

Sa1819.... DEVELOPMENT OF AN INFLAMMATORY BOWEL DISEASE... (2\*)

Sa1820.... THE URGENCY NUMERIC RATING SCALE (NRS):... (5\*)

Sa1821.... THE FOOD-RELATED QUALITY OF LIFE... (2\*)|(4)

Sa1822.... WORK LIMITATION AMONG ADULTS WITH INFLAMMATORY... (5\*)

Sa1823.... DO ESTROGEN CONTRACEPTIVES WORSEN DISEASE SEVERITY... (2\*)

Sa1824.... A PROSPECTIVE COHORT STUDY OF ADHERENCE... (2\*)

**Sa1825....ITALIAN REAL-LIFE STUDY EVALUATING THE LONG-TERM...** (3\*)|(Takeda)

Sa1826.... CHRONIC OPIOID USE IN INFLAMMATORY BOWEL... (5\*)

**Sa1827.... PREGNANCY OUTCOMES IN WOMEN WITH PSORIASIS,...** (3\*)|(This study was supported by Janssen Research and Development, LLC and Janssen Biologics B.V.)

Sa1828.... INCIDENCE AND PREDICTORS OF FLARE IN... (5\*)

Sa1829.... CHARACTERISTICS AND LONG-TERM OUTCOMES OF PREGNANCY-ONSET... (5\*)

Sa1830.... FRAILITY IS INDEPENDENTLY ASSOCIATED WITH INCREASED... (6\*)

Sa1831.... VEDOLIZUMAB LEVELS IN BREAST MILK: RESULTS... (3\*)|(Takeda)

Sa1832.... DIFFERENCE IN OUTCOMES OF HOSPITALIZATION ACROSS... (5\*)

Sa1833.... FECAL BIOMARKERS MAY NOT ACCURATELY DETECT... (3\*)|(4)|(TechLab, Inc)

Sa1834.... RACE INFLUENCES CLINICAL OUTCOMES OF PATIENTS... (4\*)

Sa1835.... THE IMPACT OF OBESITY ON OUTCOMES... (5\*)

Sa1836.... FRAILTY AS A RISK FACTOR FOR...  $(5^*)$ 

Sa1837.... INFLAMMATORY BOWEL DISEASE READMISSIONS IN THE... (5\*)

Sa1838.... SAFETY AND EFFICACY OF CONTRACEPTIVE USE... (5\*)

Sa1839.... TRENDS IN COMMON LABORATORY MARKERS DURING... (5\*)

Sa1840.... PATIENTS WITH INFLAMMATORY BOWEL DISEASE DISCONTINUE... (5\*)

Sa1841.... USTEKINUMAB IS SAFE IN ELDERLY CROHN'S... (5\*)

Sa1842.... COMPARISON OF MODES OF DELIVERY AND... (1\*)

Sa1843.... TRENDS AND RISK FACTORS OF ELDERLY-ONSET... (5\*)

Sa1844.... ELEVATED FECAL CALPROTECTIN IN EARLY PREGNANCY... (5\*)

Sa1845.... THE RISK OF ADVERSE PREGNANCY-RELATED OUTCOMES... (5\*)

Sa1847.... EXCLUSIVE ENTERAL NUTRITION(EEN) IS EFFECTIVE FOR... (5\*)

**Sa1848.... DIETARY PRACTICES AND BELIEFS OF PATIENTS...** (3\*)|Takeda: Investigator Initiated Sponsored Research Grant)

Sa1849.... DIETARY PRACTICES AND BELIEFS OF BRITISH... (3\*)|(Takeda: Investigator Initiated Sponsored Research Grant)

Sa1850.... COLITIS PATIENTS WITH PSC MAY... (4\*)

**Sa1851....LOW PREVALENCE OF NONALCOHOLIC FATTY LIVER...** (4\*)

Sa1852.... VEDOLIZUMAB DRUG LEVELS IN MATERNAL AND... (1\*)

Sa1853.... DISPARITIES IN IBD-RELATED INPATIENT COMPLICATIONS BETWEEN... (2\*)|(Oriana Damas supported by NIDDK: 1K23DK117054-01A1)

Sa1854.... WOMEN WITH IMMUNE MEDIATED INFLAMMATORY DISEASES... (5\*)

Sa1855.... PREGNANCY COMPLICATIONS IN WOMEN WITH INFLAMMATORY... (5\*)

Sa1856.... FRAILTY ESTIMATED BY GERIATRIC NUTRITIONAL RISK... (2\*)

Sa1857.... EARLY DISCONTINUATION OF ADALIMUMAB THERAPY IN... (5\*)

Sa1858.... DISPARITIES IN SOCIOECONOMIC STATUS AND HOUSEHOLD... (2\*)

Sa1859.... SEXUAL FUNCTION AND CONTRACEPTION USE IN... (5\*)

Sa1860.... DOES RISK OF ADVERSE PREGNANCY-RELATED OUTCOMES... (5\*)

Sa1861.... SHARED DECISION MAKING IN PREGNANCY IN... (2\*)|(3)|( MSD Grant)

Sa1862.... FERTILITY RATE IN WOMEN WITN INFLAMMATORY... (5\*)

Sa1863.... SNAPSHOT OF INFLAMMATORY BOWEL DISEASE AMONG... (5\*)

Sa1864.... PROSPECTIVE STUDY OF PHARMACOKINETICS OF INFLIXIMAB... (3\*)|(Research grant obtained for Mundipharma)

Sa1865.... ASSOCIATION BETWEEN VEDOLIZUMAB LEVELS, ANTI-VEDOLIZUMAB LEVELS... (5\*)

Sa1866....LOW DRUG CONCENTRATIONS AND ANTI-DRUG ANTIBODY... (3\*)|(7)|(Biosciences, San Diego, CA)

Sa1867....LOWER VEDOLIZUMAB TROUGH LEVELS BEFORE INTERVAL... (3\*)|(Supported by an unrestricted educational grant from Takeda)

Sa1868.... AN EVALUATION OF THE EXPOSURE-EFFICACY RELATIONSHIP... (3\*)|(Takeda)

Sa1869.... COMBINATION OF SERUM ENDOSCOPIC HEALING INDEX... (3\*)|(7)|(Prometheus Biosciences, San Diego, CA)

Sa1870.... USTEKINUMAB LEVELS DIFFERENTIATE PATIENTS WITH ENDOSCOPICALLY... (3\*)|(Prometheus Laboratories)

Sa1871.... USTEKINUMAB LEVELS MEASURED DURING INDUCTION ARE... (3\*)|(Testing provided by Prometheus)

Sa1872....IMMUNOGENICITY OF TUMOR NECROSIS FACTOR ANTAGONISTS... (5\*)

Sa1873.... OBJECTIVE DISEASE ACTIVITY ASSESSMENT AND THERAPEUTIC... (3\*)|(TARGET PharmaSolutions, Inc. is the sponsor of TARGET-IBD.)

**Abstract Funding Source Key** 

Sa1874.... INFLIXIMAB DE-ESCALATION IN PATIENTS WITH CROHN'S... (5\*)

Sa1875....THERAPEUTIC THRESHOLDS FOR GOLIMUMAB SERUM CONCENTRATIONS... (3\*)|(GO-LEVEL was an investigator initiated study funded by a grant from MSD)

Sa1876....LOW FECAL CALPROTECTIN LEVEL PREDICTS HISTOLOGICAL... (5\*)

Sa1877.... EFFECTIVENESS, SAFETY AND IMMUNOGENICITY OF SWITCHING... (5\*)

Sa1878.... POST HOC EXAMINATION OF VISIBLE 1... (3\*)|(Takeda Pharmaceuticals U.S.A., Inc.)

Sa1879.... EFFICACY AND SAFETY OF VEDOLIZUMAB REINITIATION... (3\*)|(Takeda Pharmaceuticals U.S.A, Inc.)

Sa1880.... DOSE ESCALATION OF SUBCUTANEOUS VEDOLIZUMAB IN... (3\*)|(Takeda Pharmaceuticals U.S.A, Inc.)

Sa1881.... A COMPARISON OF EARLY RESPONSE PARAMETERS... (3\*)|Takeda Pharmaceuticals U.S.A., Inc.)

Sa1882.... SWITCHING INFLIXIMAB BIOSIMILAR: NO ADVERSE IMPACT... (5\*)

Sa1883.... ADALIMUMAB DRUG LEVELS AT SECONDARY LOSS... (5\*)

Sa1884.... ASSOCIATION OF USTEKINUMAB SERUM CONCENTRATIONS AND... (3\*)|(Janssen Canada Inc.)

Sa1885.... PERIPHERAL BLOOD EOSINOPHILIA PREDICTS EARLIER ANTI-TNF... (2\*)

Sa1886.... EARLY VEDOLIZUMAB TROUGH LEVELS PREDICT CLINICAL... (3\*)|(4)|( Takeda Pharmaceuticals IISR-2017-101926)

Sa1887.... PROACTIVE DRUG MONITORING IS ASSOCIATED WITH...  $(4^*)|(2)$ 

Sa1888.... CHRONOTHERAPY OF 6-MERCAPTOPURINE (6-MP) METABOLITES IN... (4\*)

Sa1889.... PATIENTS WITH CROHN'S DISEASE AT RISK... (3\*)|(UCB, Inc.)

Sa1890.... DECREASING PATTERNS OF INFLIXIMAB TROUGH LEVELS... (5\*)

Sa1891.... HIGHER INFLIXIMAB AND ADALIMUMAB TROUGH LEVELS... (5\*)

Sa1892.... REVISED THERAPEUTIC DRUG MONITORING VALUES DIRECTLY... (5\*)

Sa1893.... PRIOR IMMUNOGENICITY TO ANTI-TNF BIOLOGICS IS... (5\*)

Sa1894.... IN FAILURE OF NON-OPTIMIZED ADALIMUMAB (ADA)... (4\*)

Sa1895.... VALIDATION OF THE LÉMANN INDEX IN... (5\*)

Sa1896.... A SERIES OF GENES AS CANDIDATES... (2\*)

Sa1897.... DEVELOPMENT AND VALIDATION OF DRIED BLOOD... (6\*)

Sa1898.... DEVELOPMENT AND EVALUATION OF I-TRACKER ADALIMUMAB... (3\*)|(Theradiag)

Sa1899.... CLINICAL IMPLICATIONS OF INFLIXIMAB AND ADALIMUMAB... (2\*)

Sa1900.... BIOMARKERS RESPONSE TO ANTI-TNF TREATMENT IN... (5\*)

Sa1901....B. OVATUS THERAPY UPREGULATES IL-22-MEDIATED SUPPRESSION... (2\*)

Sa1902.... THE NATURAL CLINICAL COURSE AFTER PER-ORAL... (4\*)|(Borsa di studio Gerry Scotti 2017)

Sa1903.... A RATIONALLY SELECTED, ORALLY ADMINISTERED, LIVE... (3\*)|(Assembly Biosciences Allergan)

Sa1904.... EFFICACY OF ANTI-PARASITIC TREATMENT FOR BLASTOCYSTIS... (5\*)

Sa1905.... IN-VIVO SAFETY OF INTERNALLY APPLIED ULTRAVIOLET-A... (6\*)

Sa1906.... HUMAN-DERIVED CLOSTRIDIUM VE202 STRAINS REDUCE ENTEROBACTERIACEAE... (2\*)|(6)|(Janssen Research & Development)

Sa1907.... TIME OF COLLECTION IS CRITICAL TO...  $(2^*)|(7)$ 

Sa1908.... BERBERINE RESTORES MICROGLIA ACTIVATION INDUCED BY... (2\*)

Sa1909.... THE THERAPEUTIC EFFECT AND RELATED... (2\*)

Sa1910.... GUT ARCHAEOME COMPOSITIONAL AND ECOLOGICAL SHIFTS... (2\*)

Sa1911.... DISTINCT BRAIN-GUT MICROBIOME ALTERATIONS IN FEMALE...  $(2^*)|(4)$ 

Sa1912.... METHANOGEN ABUNDANCE THRESHOLDS DIFFERENTIATE METHANE AND... (4\*)

Sa1913.... CONSENSUS GUIDELINES FOR THE REGULATION, PRODUCTION... (4\*)

Sa1914....THE FUNGUS FILOBASIDIUM AS POSSIBLE PREDICTIVE... (2\*)

Sa1915.... POPULATION-LEVEL CONFIGURATIONS OF GUT MYCOBIOME ACROSS... (2\*)

Sa1916.... DEVELOPMENT OF A TARGETED 7  $\alpha$ -DEHYDRATASE...  $(2^*)$ 

Sa1917.... GUT MICROBIOTA ALONG HUMAN GASTROINTESTINAL TRACTS... (5\*)

Sa1918.... CHANGES OF THE HUMAN GUT MICROBIOTA... (5\*)

Sa1919.... AFFECTING INTESTINAL BIOFILM FORMATION AND COLONIZATION... (7\*)|(2)

Sa1920.... FECAL MICROBIOTA TRANSFER IN PATIENTS WITH... (5\*)|(4)

Sa1921.... FECAL MICROBIOTA TRANSPLANTATION FOR METABOLIC SYNDROME... (5\*)

Sa1923.... IDENTIFICATION OF NEW ASSOCIATIONS BETWEEN PSORIATIC...  $(6^*)|(4)$ 

Sa1924.... COMPOSITIONAL AND FUNCTIONAL CHANGES OF GUT... (2\*)

Sa1925.... THERE ARE MAJOR DIFFERENCES BETWEEN LUMINAL... (6\*)

Sa1926.... NO DISTINCTION OF FECAL MICROBIOTA BETWEEN... (4\*)

Sa1927.... CHANGES IN FECAL MICROBIOTA, SHORT CHAIN... (7\*)|([GA, JSGE)

Sa1928.... A 24-WEEK, DOUBLE-BLIND, RANDOMIZED TRIAL OF... (4\*)

**Abstract Funding Source Key** 

Sa1929.... BACTERIAL UREASE MODULATES BOTH MICROBE-MICROBE AND... (2\*)|(6)

Sa1930....THE EFFECT OF BILE ACIDS AS... (2\*)|(This research is financially supported by Basic Science Research Program through the National Research Foundation of Korea (NRF) funded by the Ministry of Education, Science and Technology (Grant no. NRF-2017R1D1A1B03034172))

Sa1972.... POLYOLS ARE A KEY DRIVER OF... (3\*)|(Meat and Livestock Australia)

Sa1973....ABSENCE OF NEUROTENSIN ATTENUATES INTESTINAL DYSBIOSIS... (2\*)

Sa1974.... WHO USES PROBIOTICS AND WHY? A... (2\*)

Sa1975.... INTERACTION OF SUGAR-SWEETENED BEVERAGE CONSUMPTION AND... (2\*)

Sa1977.... HIGH MEAT INTAKE IS ASSOCIATED WITH... (2\*)

**Sa1978....ZINC CARNOSINE REDUCES INJURY IN AN...** (4\*)|(3)|(Xstro solutions)

Sa1979.... STABILITY OF DIETARY PATTERNS IN INFLAMMATORY... (2\*)

Sa1980....FOOD INTOLERANCES AMONG PATIENTS WITH INFLAMMATORY... (5\*)

Sa1981.... PILOT STUDY TO DETERMINE FERMENTABILITY AND... (4\*)

Sa1982.... LEVELS OF COMPLIANCE TO LOW FODMAPS... (5\*)

Sa1983.... SELF-REPORTED NON-CELIAC WHEAT SENSITIVITY IN PATIENTS... (2\*)

Sa1984.... CHRONIC VAGAL NERVE STIMULATION USING AN...  $(2^*)$ 

Sa1985.... PRIOR BARIATRIC SURGERY AND PREGNANCY COMPLICATIONS:... (5\*)

Sa1986.... QUALITY OF LIFE, MENTAL HEALTH AND... (5\*)

Sa1987.... ESOPHAGEAL PHYSIOLOGIC CHANGES AFTER BARIATRIC SURGERY:... (5\*)

Sa1988.... ENDOSCOPIC BARIATRIC THERAPIES IN ADULTS OVER... (5\*)

Sa1989.... ROUX-EN-Y GASTRIC BYPASS IS ASSOCIATED WITH... (2\*)

Sa1990.... PRIMARY OBESITY SURGERY ENDOLUMINAL (POSE) FOR... (5\*)

Sa1991.... ENDOSCOPIC GASTRIC BODY PLICATION FOR THE... (5\*)

Sa1992.... PRIMARY OBESITY SURGERY ENDOLUMINAL 1 AND... (3\*)|(USGI (San Clemente, CA))

Su1000.... SEX, INSURANCE STATUS, AND RACE/ETHNICITY ARE... (5\*)

Su1001.... CLINICAL CHARACTERISTICS AND DISEASE FEATURES FROM... (2\*)

Su1002.... CHOLECYSTECTOMY FOLLOWING CHOLEDOCHOLITHIASIS: THE EFFECT OF... (4\*)

**Su1003....** RACIAL DISPARITY IN CHRONIC HEPATITIS C... (5\*)

Su1004.... ESTIMATING THE IMPACT OF ASYLUM-SEEKERS ON... (4\*)|(2)

Su1005.... VARIATION IN THE RISK OF VENOUS... (5\*)

**Su1006.... THE EFFECT OF USING INTERPRETER SERVICES...** (5\*)

Su1007.... INCREASING INCIDENCE OF GASTRIC CANCER IN... (5\*)

Su1008.... CLINICAL AND PATHOLOGIC CHARACTERISTICS OF EARLY... (5\*)

Su1009.... TREATMENT OF H PYLORI IS NOT... (2\*)

Su1010.... PREVALENCE OF EXTENSIVE AND LIMITED GASTRIC... (5\*)

**Su1011.... HEAVY ALCOHOL USE IS ASSOCIATED WITH...** (5\*)

Su1012.... TRENDS IN GASTROINTESTINAL CANCER INCIDENCE: AN... (5\*)

**Su1013.... BURDEN OF PANCREATIC CANCER: FOUR DECADES...** (2\*)

Su1014.... EFFECT O F DIETARY PATTERN ON... (2\*)

Su1015.... INCREASED RISK OF COLORECTAL CANCER IN... (5\*) Abstract Funding Source Key

\* = Primary Source

Su1074.... BASOPHILS RECRUITMENT IS ONE OF THE... (4\*)

Su1075.... PROBIOTIC-DERIVED POLYPHOSPHATE IMPROVES DAMAGED INTESTINAL EPITHELIA... (4\*)

Su1076.... IN RATS WITH SUPERIOR MESENTERIC ARTERY-OCCLUSION... (4\*)

**Su1077.... ANTIULCER BPC 157 EFFECT IN 96%...** (4\*)

Su1078.... PENTADECAPEPTIDE BPC 157 THERAPY IN BILE... (4\*)

Su1079.... PENTADECAPEPTIDE BPC 157 COUNTERACTS INTRACRANIAL HYPERTENSION... (4\*)

**Su1080.... PENTADECAPEPTIDE BPC 157 THERAPY IN RATS...** (4\*)

Su1081.... IN RATS WITH SUPERIOR MESENTERIC VEIN-OCCLUSION... (4\*)

Su1082....IDENTIFICATION OF TREATMENT RANGE AND APOPTOSIS... (5\*)

Su1083.... ANTIOXIDANT EFFECT OF URIC ACID AMELIORATES... (4\*)

Su 1084.... THE ROLE OF THE IBD RISK...  $(2^*)$ 

Su1085.... IL25 STIMULATES MOVEMENT OF TYPE 2... (4\*)

Su1086.... INHIBITION OF VITAMIN D/VDR PATHWAY DOWNREGULATES... (2\*)

Su1087.... A GUT-TARGETED EICOSAPENTAENOIC ACID DERIVATIVE, SEFA-1024,... (4\*)

Su1088.... PROPROTEIN CONVERTASE FURIN ALLEVIATES COLITIS VIA... (4\*)|(2)

Su1089.... DIFFERENTIATION OF HUMAN INDUCED PLURIPOTENT STEM... (5\*)

Su1090.... ANTI-INFLAMMATORY EFFECTS OF ATRACTYLODIN VIA PPAR-ALPHA... (2\*)

Su1091.... DETECTION AND GENOTYPING OF HELICOBACTER PYLORI... (2\*)

Su1092.... CAUSAL INFERENCE ANALYSIS OF THE TRANSCRIPTOME... (2\*)|(This work was supported by National Natural Science Foundation of China 81774152 (to RZ) and 81770571 (to LZ).)

Su1093.... ACTIVATION OF EPIDERMAL GROWTH FACTOR RECEPTOR... (2\*)

Su1094.... THE ER STRESS SENSOR IRE1 $\beta$  LINKS... (2\*)

Su1095.... DEGLYCOSYLATED AZITHROMYCIN ENHANCES INTESTINAL SMMOTH MUSCLE... (2\*)

**Su1096.... ROLE OF P21-ACTIVATED KINASE, PAK4, IN...** (2\*)

Su1097....TL1A-MEDIATED BACTERIAL TRANSCYTOSIS BY A MLCK... (2\*)|(Ministry of Science and Technology, Taiwan (MoST 107-2320-B-002-041-MY3))

Su1098.... FAILURE TO INDUCE OXPHOS IMPAIRS EPITHELIAL... (2\*)

Su1099.... INHIBITION OF JAG1/NOTCH1 SIGNALING EXACERBATES INTESTINAL... (2\*)

Su1100.... GLUCOSE-INDUCED MESENTERIC ARTERIAL RELAXATION VIA ENDOTHELIUM-DEPENDENT... (4\*)

Su1101.... DOWNREGULATION OF MITF MEDIATED AUTOPHAGIC FLUX... (4\*)

Su1102.... EXPLORING THE MOLECULAR SIGNALING PATHWAYS OF... (4\*)

Su1103.... VITAMIN D/VDR SIGNALING PATHWAY REGULATES COLONIC... (2\*)

Su1104.... ALPHA-TOCOPHERYLQUINONE ACTIVATES ARYL HYDROCARBON RECEPTOR AND... (4\*)|(2)

Su1105.... TRIM 21 PROTECTS FROM ULCERATIVE COLITIS... (4\*)

Su1106.... KRÜPPEL-LIKE FACTOR 4 MODULATES GOBLET CELL... (2\*)

Su1107.... CYTOKINE-TRIGGERED STAT5 ACTION PROMOTES
METASTASIS THROUGH... (7\*)|(Crohn's & Colitis Foundation (CCF))

Su1108.... THE THYROID HORMONE NUCLEAR RECEPTOR  $TR\alpha1...$  (2\*)|(6)

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Su1679.... RISK FACTORS FOR READMISSION WITH DECOMPENSATED... (5\*)

Su1681.... THE HEPATORENAL SYNDROME PATIENT JOURNEY: PORTRAIT... (3\*) | (Mallinckrodt)

Su1682.... URGENT ENDOSCOPY IS ASSOCIATED WITH LOWER... (5\*)

**Su1683.... PREDICTORS OF 30 AND 90 DAY...** (5\*)

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Su1684.... EFFICACY OF ORAL THROMBOPOIETIN RECEPTOR AGONIST... (3\*)|(Shionogi Inc.)

Su1685.... SMALL INTESTINE VARICES AT A HIGH-VOLUME... (4\*)

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Su1687.... UTILITY OF THE ENCEPHALAPP STROOP TEST... (5\*)

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**Su1713.... MINIMAL IMPACT OF ACUTE INJECTION AND...** (5\*)

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Su1719.... IMPROVED GASTRIC ACCOMMODATION IN WOMEN WITH... (3\*)|(Censa Pharmaceuticals Inc, Wellesley, MA, USA)

Su1720.... CAN TEMPORARY GASTRIC ELECTRICAL STIMULATION HELP... (5\*)

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Su1733.... TRENDS AND OUTCOMES OF IDIOPATHIC AND... (5\*)

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Su1737.... LESSONS LEARNED FROM 8 YEARS... (5\*)

Su1738.... THE GOLDILOCKS PRINCIPLE: 24 HOUR AMBULATORY... (4\*)

Su1739.... SAFETY PHARMACOLOGY EVALUATIONS OF TAK-906, A...

(3\*)|(This study was sponsored by Altos Therapeutics, LLC. Medical writing support was provided by Alex Kisbey of Oxford PharmaGenesis, Oxford, UK and was funded by Takeda Pharmaceutical Company Ltd.)

Su1740.... SAFETY, TOLERABILITY, PHARMACOKINETICS, AND PHARMACODYNAMICS OF... (3\*)|(CinRx Pharma)

Su1741.... PATHOPHYSIOLOGICAL EVIDENCE PROVIDED BY PYLORIC SMOOTH... (5\*)

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Su1742.... IMPACT OF NUTRITIONAL DEFICIENCIES IN GASTROPARESIS.... (5\*)

**Su1743.... PREVALENCE AND SPECTRUM OF GI MOTILITY...** (5\*)

**Su1744.... GENDER DIFFERENCES IN REPORTED NEUROLOGIC SIDE...** (5\*)

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Su1752.... A DOSE-RANGING, RANDOMIZED, PARALLEL, PLACEBO-CONTROLLED STUDY... (3\*)|(Research grant from Takeda)

Su1753.... ESTROGEN PROTECTS TYPE 2 DIABETES AND... (2\*)

Su1754.... PREDICTORS OF LONGITUDINAL CHANGES IN

SYMPTOM... (3\*)|(The parent study supporting the data and analyses included in this abstract were funded by Medtronic (grant MA-501). Medtronic did not participate in study design, data interpretation, writing support, or other preparation assistance for this article.)

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Su1756.... MEASURES OF GASTROINTESTINAL VAGAL DYSFUNCTION IN... (4\*)|(6)

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Su1759.... TRANSCUTANEOUS ELECTRICAL STIMULATION JUMP-STARTS GASTRIC EMPTYING... (5\*)

Su1760.... VISCERAL HYPOSENSITIVITY AND HYPERSENSITIVITY MASK A... (4\*)

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Su1762.... RELATIONSHIP BETWEEN SYMPTOMS DURING A GASTRIC... (2\*)

Su1763.... DIAGNOSTIC RISK STRATIFICATION IN POST-EGD PATIENTS... (5\*)

# Su1764.... TAK-906, A NOVEL DOPAMINE D2/D3 RECEPTOR...

(3\*)|(This study was sponsored by Altos Therapeutics, LLC. Formatting and editing support were provided by Oxford PharmaGenesis, Oxford, UK and funded by Takeda Pharmaceutical Company Ltd.)

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Su1767.... FACTORS ASSOCIATED WITH BARRETT'S ESOPHAGUS IN... (5\*)

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Su1773.... MORE FECAL IMMUNOCHEMICAL TESTS ARE NEEDED... (3\*)|(Exact Sciences Corp.)

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Su1779.... A RANDOMIZED CONTROLLED TRIAL OF AN... (4\*)

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Su1781....IMPROVEMENT OF ASIA-PACIFIC COLORECTAL SCREENING SCORE... (2\*)|(Supported by the National Natural Science Foundation of China (Grant No. 81770559, 81370500) and Chinese Academy of Medical Sciences Innovation Fund for Medical Sciences (2016-12M-3-001).)

Su1782.... ENDORSEMENT OF WATER EXCHANGE (WE) COLONOSCOPY... (2\*)|(7)

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Su1784.... CHARACTERISTICS AND OUTCOMES AMONG INDIVDIUALS WITH... (2\*)

Su1785....ADR BY GENDER, RACE AND ETHNICITY... (5\*)|(Health Care Service Corporation, the parent company of Blue Cross Blue Shield of Illinois, Texas, Oklahoma, New Mexico and Montana provided the claims data and performed the statistical analysis)

Su1786.... HIGHER FECAL HB CONCENTRATION PREDICTS RISK... (5\*)

Su1787.... LONG-TERM IMPACT OF A PHYSICIAN... (5\*)

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Su1791.... MANDATED BOSTON BOWEL PREP SCALE IMPLEMENTATION... (5\*)

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Su1793.... PROXIMAL VERSUS DISTAL COLON ADR: A... (5\*)|(Health Care Financing Corporation which represents Blue Cross Blue Shield of Illinois, Texas, Oklahoma, New Mexico and Montana provided the claims data for this study and contributed the statistical analysis.)

Su1794.... UPTAKE RATE OF COLORECTAL CANCER SCREENING... (2\*)

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Su1816.... COST-EFFECTIVENESS OF 5-ASA THERAPY IN COMBINATION... (5\*)

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(3\*)|(This study was sponsored by Corrona, LLC. Corrona is supported through contracted subscriptions with multiple pharmaceutical companies. The abstract was a collaborative effort between Corrona and Bristol-Myers Squibb with financial support provided by Bri)

Su1823....PATIENT AND PHYSICIAN PERSPECTIVES ON THE... (3\*)|(Celgene Corporation)

# Su1824.... CONSIDERABLE WORK PRODUCTIVITY LOSS IN PATIENTS...

(3\*)|(This study was sponsored by Corrona, LLC. Corrona is supported through contracted subscriptions with multiple pharmaceutical companies. The abstract was a collaborative effort between Corrona and Bristol-Myers Squibb with financial support provided by Bri)

**Su1825....QUALITY OF LIFE AND EFFECTIVENESS OF...** (3\*)|(This study had a fincial support of Takeda Pharma GmbH)

Su1826.... CROHN'S DISEASE EXPERIENCES AMONG A PEDIATRIC... (3\*)|(Eli Lilly and Company)

Su1827.... ALIGNMENT OF IBD SYMPTOMS REPORTED BY... (3\*)|(Study sponsored by: Janssen Scientific Affairs, LLC, Horsham, PA, USA)

**Su1828.... PATIENTS WITH IBD SEEK EXTRA SUPPORTIVE...** (5\*)

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**Su1833.... THE PREVALENCE AND PREDICTORS OF FUTILE...** (5\*)

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**Su1838.... A COCHRANE REVIEW OF INTERVENTIONS FOR...** (2\*)|Non-applicable)

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Su1848.... META-ANALYSIS OF THE INCIDENCE OF DERMATOLOGICAL... (5\*)

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Su1856.... SEROCONVERSION FOR LATENT TUBERCULOSIS IN TRAVELLERS... (4\*)

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Su1884.... A MUCOSAL MARKER PREDICTING TOFACITINIB INDUCED... (3\*)|Research Grant by Pfizer.)

Su1885.... SCREENING FOR STEATOHEPATITIS AND FIBROSIS AMONG... (5\*)

Su1886.... OXIDATIVE STRESS CORRELATES WITH DISEASE ACTIVITY... (2\*)|(European Union Funds, Innovative Economy Programme) Su1887.... POINT-OF-CARE BOWEL ULTRASOUND FOR DETECTING ILEO-COLONIC... (5\*)

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(3\*)|(Research support from Prometheus Biosciences.)

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(5\*)|(Research support from Prometheus Biosciences.)

**Su1903.... THE PREVALENCE AND PROGNOSIS OF DIFFUSE...** (5\*)

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Su1907.... GLUCOCORTICOID METABOLISM IS ASSOCIATED WITH DISEASE... (4\*)

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Su1913.... MAGNITUDE OF INCREMENTAL BENEFIT OF ACHIEVING... (2\*)

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(2\*)|(This work was supported by a grant from the National Research Foundation (NRF) of Korea, funded by the Korea government (MSIP) (number: 2014R1A2A11052136, 2017R1A2B4006767, and 2019R1A2C2010404).)

Su1916.... RAPID HISTO-ENDOSCOPIC MUCOSAL HEALING WITH (HIGH...

(3\*)|(This post-hoc analysis was entirely funded by Dr. Falk Pharma GmbH.)

Su1917.... FAECAL MYELOPEROXIDASE - A POTENTIAL NON-INVASIVE... (1\*)|(New Zealand Society of Gastroenterology Research Fellowship Grant)

Su1918.... CROHN'S DISEASE SMALL BOWEL STRICTURES: DEVELOPMENT... (4\*)

Su1919.... DIFFERENCES IN EXTRA CELLULAR MATRIX REMODELING... (4\*)

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(3\*)|(Acknowledgements: This research was funded by a grant from Abbvie.)

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(3\*)|(Arena Pharmaceuticals, Inc.)

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Su1928.... EVALUATING ASSOCIATION BETWEEN FECAL CALPROTECTIN AND... (3\*)|(Genentech, Inc.)

**Su1929.... A HYBRID APPROACH OF HANDLING MISSING...** (3\*)|(Takeda)

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(3\*)|(Prometheus Laboratories covered the costs for the serological analyses.)

Su1944.... IMPACT OF CIRRHOSIS ON OUTCOMES IN... (5\*)

**Su1945.... IMPACT OF COLONOSCOPY ON OUTCOMES FOR...** (5\*)

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Su1947.... ABDOMINAL PAIN IS INDEPENDENTLY ASSOCIATED WITH... (4\*)

**Su1948.... BURDEN OF DISEASE: SUBSTANCE ABUSE IN...** (5\*)

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Su1953.... THE NATURAL HISTORY OF COLECTOMY AMONG... (4\*)

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Su1955.... EAST VERSUS WEST: INDICATIONS, POSTOPERATIVE MANAGMENT... (5\*)

Su1956.... PERIPHERAL BLOOD EOSINOPHILA IS ASSOCIATED WITH... (5\*)

Su1957.... ELDERLY-ONSET INFLAMMATORY BOWEL DISEASE IS ASSOCIATED... (5\*)

Su1958.... CUMULATIVE RISK OF SURGERY IN PATIENTS... (2\*)

Su1959.... NATURAL HISTORY OF ELDERLY-ONSET INFLAMMATORY BOWEL...  $(2^*)$ 

Su1960.... THIRTY DAY READMISSIONS AMONG PATIENTS WITH... (5\*) Su1961.... DECREASING PREVALENCE OF INFLAMMATORY BOWEL DISEASE... (5\*)

Su1962.... DECREASING PREVALENCE OF CLOSTRIDIODES DIFFICILE INFECTION... (5\*)

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Su1964.... IMPACT OF HAVING INFLAMMATORY BOWEL DISEASE... (5\*)

Su1965.... INFLAMMATORY BOWEL DISEASE PATIENTS ON IMMUNOBIOLOGIC... (5\*)

**Su1966...** BIOLOGIC INITIATION WITHIN 12 MONTHS OF... (3\*)|(Eli Lilly and Company)

Su1967.... DISEASE BURDEN AND PATIENT-REPORTED OUTCOME MEASURES... (5\*)

**Su1968....LOW BIOSIMILAR USE IN PATIENTS WITH...** (5\*)

Su1969.... TRENDS IN IMMUNOMODULATOR AND BIOLOGIC USE... (5\*)

Su1970.... BARIATRIC SURGERY IN INFLAMMATORY BOWEL DISEASE... (5\*)

Su1971.... REAL-WORLD EFFECTIVENESS AND SAFETY OF USTEKINUMAB... (5\*)

Su1972.... INCIDENCE OF POUCHITIS AND ANTIBIOTIC PRESCRIBING... (5\*)

Su1973.... OUTCOMES OF FECAL DIVERSION FOR PERIANAL... (5\*)

Su1974.... FATIGUE IS THE SELF-REPORTED SYMPTOM IN... (2\*)

Su1975.... CREATION OF A
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Su1976.... THE PREVALENCE OF
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Su1977.... HIGH VOLUMES OF SKELETAL MUSCLE AND... (5\*)

Su1978.... PROTEIN ENERGY MALNUTRITION IS ASSOCIATED WITH... (5\*)

Su1979.... NOVEL ASSOCIATIONS OF ADIPOSE TISSUE (AT)... (2\*)

**Su1980.... THE GEM PROJECT: IMPAIRED GUT BARRIER...** (6\*)|(2)

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Su1981.... TRENDS IN INFLAMMATORY BOWEL DISEASE (IBD)... (3\*)|(Bristol-Myers Squibb)

**Su1982.... AN UPDATE ON CLINICAL OUTCOME AND...** (5\*)

Su1983.... HIGHER LEVELS OF FECAL CALPROTECTIN PREDICT... (5\*)

Su1984.... CLINICAL PRESENTATION AND OUTCOMES OF PRIMARY... (5\*)

Su1985.... ENROLLMENT CHARACTERISTICS OF ULCERATIVE COLITIS AND... (5\*)

Su1986.... MACHINE LEARNING ALGORITHM CAN HELP PREDICT... (5\*)

Su1987.... THE IMPACT OF SOCIAL DETERMINANTS OF... (2\*)|(NIDDK: 1K23DK117054-01A1)

Su1988.... ENVIRONMENTAL EFFECT OF RESOLVED HUMAN CMV... (2\*)|(6)

Su1989.... AGE-SPECIFIC HEALTHCARE UTILIZATION TRENDS IN A... (4\*)

Su1990.... LNCRNA ZFAS1 INTERACTS WITH POLYADENYLATE-BINDING PROTEIN... (2\*)

Su1991.... GENDER-SPECIFIC EFFECT OF DIETARY AND PHYSICAL... (2\*)|(4)

**Su1992.... THE FREQUENCY OF METABOLIC DISORDER IN...** (5\*)

Su1993.... DIABETES AND PANCREATIC CANCER: A POPULATION-BASED... (5\*)

Su1994.... ORAL IRON THERAPY PROMOTES A PROINFLAMMATORY... (4\*)

 $\begin{array}{lll} \textbf{Su1995}.... \textbf{MICROBIOLOGICAL} \textbf{AND} \\ \textbf{IMMUNOLOGICAL} \textbf{INFLAMMATORY} \\ \textbf{IMMUNE} \textbf{RESPONSES}... (4*) \end{array}$ 

Su1997.... DIVERGENT EFFECTS OF ANTIBIOTICS ON DEVELOPMENT... (2\*)

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Su1999.... PERIODONTAL DISEASE, TOOTH LOSS AND RISK... (2\*)|(7)

Su2000.... ABNORMAL EATING PATTERN AND RISK OF... (2\*)|(4)

**Su2001.... EFFECTS OF BILE ACIDS ON METABOLIC...** (2\*)|(This research is financially supported by Basic Science

Research Program through the National Research Foundation of Korea (NRF) funded by the Ministry of Education, Science and Technology (Grant no. NRF-2017R1D1A1B03034172))

Su2003.... MAPPING OF THE BACTERIAL AND FUNGAL... (4\*)

Su2004.... ILEAL MUCOSA-ASSOCIATED MICROBIOME SIGNATURE IN CHILDREN... (5\*)

Su2005....  $\alpha$ -GLYCYRRHIZIC ACID, A COMPOUND EXTRACTED FROM... (2\*)

Su2006.... MEGACYSTIS MICROCOLON INTESTINAL HYPOPERISTALSIS SYNDROME: A... (5\*)

Su2007.... APRAGLUTIDE, A NOVEL LONG-ACTING GLUCAGON-LIKE PEPTIDE-2... (3\*)|(Trial sponsored by VectivBio AG.)

**Su2008.... A PHASE III STUDY OF TEDUGLUTIDE...** (3\*)|(Funding: Shire Human Genetic Therapies, Inc., a member of the Takeda group of companies)

Su2009.... AN ANALYSIS OF THE BURDEN OF... (5\*)

Su2010.... SEX DIFFERENCES IN THE ASSOCIATION BETWEEN... (5\*)

Su2011.... THE EFFECT OF DIET COMPOSITION ON... (4\*)

Su2012.... OBESITY AND COLORECTAL NEOPLASM: IDENTIFYING OBESITY-ASSOCIATED... (5\*)

Su2013.... EFFECTIVENESS OF ONE-STOP COLORECTAL AND BREAST... (6\*)

Su2014.... THE ASSOCIATION OF SELF-REPORTED METABOLIC RISK... (2\*)

Su2015.... THE ASSOCIATION BETWEEN NONALCOHOLIC FATTY LIVER... (5\*)

Su2016.... COMBINATION TARGETING OF SQUALENE MONOOXYGENASE AND... (2\*)

**Su2017.... GLYCINE PROTECTS FROM TLR4 AND NLRP3...** (2\*)

Su2018....ANTIOXIDANT CAPACITY RESPONSE DURING IBD EXACERBATION,... (2\*)|(European Union Funds, Innovative Economy Programme)

Su2019....ADJUNCTIVE SUPPLEMENTATION WITH AN ORAL HEME... (5\*)

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Su2020.... ENDOSCOPIC SLEEVE GASTROPLASTY AND POST-PROCEDURAL NUTRITIONAL... (5\*)

Su2021.... THE ROLE OF MALNUTRITION IN THE...

(2\*)|(European Union Funds, Innovative Economy Programme)

Su2022.... PROGNOSTIC ROLE OF ZINC DEFICIENCY ASSOCIATED... (5\*)

Su2023.... NUTRITIONAL IMPLICATIONS RELATED TO FOLLOWING A... (2\*)

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Mo1001.... CAUSES OF UPPER GASTROINTESTINAL BLEEDING IN... (5\*)

Mo1002.... CAUSES OF LOWER GASTROINTESTINAL BLEEDING IN... (5\*)

Mo1003.... HOSPITAL PERFORMANCE FOR GASTROINTESTINAL BLEEDING MORTALITY,... (2\*)

Mo1004.... INCREASING UTILIZATION OF ANGIOGRAPHY FOR LOWER... (5\*)

Mo1005.... EARLY ENDOSCOPY IN CRITICALLY ILL PATIENTS... (5\*)

Mo1006.... QUALITATIVE ANALYSIS OF BARRIERS TO THE... (2\*)

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Mo1008.... OBSERVED REDUCTION IN EXCESS DAYS FOR... (5\*)

Mo1009.... COST-CONSCIOUSNESS AWARNESS TO PROMOTE HIGH VALUE-CARE... (5\*)

Mo1010.... SOMATOSTATIN AND ANALOGUES FOR ACUTE NON-VARICEAL... (5\*)

Mo1011.... THALIDOMIDE AND BEVACIZUMAB FOR THE TREATMENT... (5\*)

Mo1012.... HEMOGLOBIN MONITORING IN ACUTE GASTROINTESTINAL BLEEDING:... (5\*)

Mo1013.... INCREASING INCIDENCE OF ESOPHAGEAL ADENOCARCINOMA OCCURS... (4\*)

Mo1014.... RISK STRATIFICATION OF GASTRIC CANCER AFTER... (4\*)|(This

study was supported by the Minister of Science and Technology, R.O.C. (105-2314-B-002-069-MY3), Taipei Institute of Pathology (TIP-106-005), and Japan Agency for Medical Research and Development (AMED) (JP19ck0106267).)

Mo1015.... GLOBAL INCIDENCE AND MORTALITY OF ESOPHAGEAL... (5\*)

Mo1016.... EPIDEMIOLOGY OF CARCINOID TUMORS OF THE... (5\*)

Mo1017.... THE ASSOCIATION OF MODIFIABLE RISK FACTORS... (2\*)

Mo1018.... TUMOR LOCATION IS AN INDEPENDENT PREDICTOR... (5\*)

Mo1019.... DOES LIVING REMOTELY IMPACT ACCESS TO... (5\*)

Mo1020.... THE GLOBAL REALITY OF GASTRIC CANCER... (2\*)

Mo1021.... TRENDS IN MORTALITY FROM YOUNG-ONSET GASTRIC... (4\*)

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Mo1023.... DOES LIVING REMOTELY IMPACT STAGE OF... (5\*)

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Mo1026.... YIELD OF OUTPATIENT ENDOSCOPY FOR DYSPEPSIA... (5\*)

Mo1027.... GLOBAL INCIDENCE, MORTALITY AND TEMPORAL TREND... (5\*)

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Mo1030.... COMPLICATIONS OF METABOLIC SYNDROME MAY DISTINGUISH... (5\*)

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Mo1033.... EFFECT AND MECHANISMS OF CONSTITUTINE TL1A... (4\*)

Mo1034.... INTESTINAL PROTECTION INDUCED BY TREATMENT WITH... (4\*)

Mo1035.... EFFECTS OF ASIV ON INTESTINAL EPITHELIAL... (1\*)

Mo1036.... SUB-MUCOSAL COLLAGEN DEPOSITION IS ASSOCIATED WITH... (5\*)

Mo1037.... PDGFC SIGNALING IS A POTENTIAL THERAPEUTIC... (2\*)

Mo1038.... ACTL6A DRIVES GASTRIC CANCER PROGRESSION THROUGH... (2\*)

Mo1039.... EARLY DETECTION OF ESOPHAGEAL ADENOCARCINOMA PROGRESSION... (4\*)

Mo1040.... THE ROLE OF MKP-5-P38/MAPK PATHWAY IN... (2\*)|(National Natural Science Foundation of China NO.81600415)

Mo 1041.... PROBIOTIC-DERIVED FERRICHROME INHIBITS THE GROWTH OF... (4\*)

Mo1042.... COLORECTAL CANCER ASSOCIATED-E. COLI INDUCE THE... (2\*)|(4)

Mo1043.... PORPHYRIN COMBINED USE ACCELERATES CHEMOTHERAPEUTIC EFFECTS... (5\*)

Mo1044.... VERTEPORFIN INHIBITS THE GROWTH OF BOTH... (4\*)

Mo1045.... EFFECTS OF 17β-ESTRADIOL ON COLORECTAL CANCER... (2\*)

Mo1047.... PLATELET-DERIVED GROWTH FACTOR(PDGF) REGULATES MESENCHYMAL STEM... (4\*)

Mo1048.... EXOSOME-DELIVERED CIRCRNA\_1400 REGULATES MICRORNA-637 /EPHB3 AXIS... (2\*) Mo1049.... CXCL1 AND MASPIN EXPRESSION IN INCOMPLETE... (4\*)

Mo1050.... CABOZANTINIB TREATMENT OF PANCREATIC DUCTAL ADENOCARCINOMA... (4\*)

**Mo1051.... CD44 VARIANT ISOFORM 9 AND ITS...** (4\*)

Mo1052.... FUSOBACTERIUM CONTRIBUTES TO COLORECTAL CANCER METASTASIS... (2\*)

Mo1053.... REDUCED ANGIOTENSIN II TYPE 2 RECEPTOR...  $(2^*)$ 

Mo1054.... TGR5 IS INVOLVED IN BILE ACIDS...  $(2^*)$ 

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\* = Primary Source

(5) = No Study Funding (6) = Philanthropic Organization (e.g. ALF, CCFA, etc.) (7) = Professional Organization (e.g. AGA, AASLD, etc.)

Mo1055.... EXTREMELY SENSITIVE NEXT GENERATION SEQUENCING MUTATION... (4\*)|(MLDS grant)

Mo1056.... PRIMARY SCLEROSING CHOLANGITIS-RELATED CHOLANGIOCARCINOMA PROLIFERATES FASTER... (5\*)

Mo1058.... GENETIC
CHARACTERIZATION OF MOLECULAR
TARGETS IN... (4\*)|(The authors wish to
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2018. This work was supported by The
Catholic University of Korea Daejeon St.
Mary's Hospital, Clinical research
institute)

Mo1059.... NEW FECAL BACTERIAL SIGNATURE OF COLORECTAL... (2\*)

Mo1060.... THE GALNT14 GENOTYPE PREDICTS POSTOPERATIVE OUTCOME...  $(4^*)|(2)$ 

Mo1061.... IDENTIFICATION OF A NOVEL EXTRACELLULAR MATRIX... (5\*)

Mo1062.... MATRIX GLA PROTEIN PROMOTES COLON CANCER... (4\*)

Mo1063.... GENOMEWIDE TRANSCRIPTOMIC PROFILING IDENTIFIES A NONINVASIVE... (5\*)

Mo1064.... ETV1 ASSESSMENT USING EUS-FNA SAMPLE IS... (5\*)

Mo1065.... CLINICOPATHOLOGICAL SIGNIFICANCE OF CD44, CD44 VARIANTS,... (5\*)

Mo1066.... GRANULOCYTE COLONY-STIMULATING FACTOR (G-CSF) IS HIGHLY... (2\*) Mo1067.... HSP70 AS A MOLECULAR MARKER FOR... (2\*)

Mo1068.... SCREENING BIOMARKERS ASSOCIATED WITH GASTRIC CANCER... (2\*)

Mo1069.... GASTRIC JUICE PIR-1245: A PROMISING PROGNOSTIC... (5\*)

Mo1070.... THE FIRSR EVIDENCE FOR SLFN11 EXPRESSION... (2\*)

Mo1071.... CANCER NUCLEAR FEATURES EXTRACTED FROM PATHOLOGY... (2\*)

Mo1072.... EARLY MONITORING OF PLASMA METHYLATED SEPTIN... (4\*)

Mo1073.... NOVEL FECAL PROTEIN BIOMARKER TEST FOR...

(6\*)|(2)|(Sciences)

Mo1074.... THE ROLE OF **USTEKINUMAB IN COLORECTAL...** (5\*)

Mo1075....SYSTEMATIC CHARACTERIZATION OF PROGNOSTIC **VALUES OF...** (2\*)

Mo1076.... SPATIALLY RESOLVED ANALYSIS OF FAECAL METABOLITES... (2\*)|(3)|(Waters Corporation)

Mo1077.... EPIGENETIC AGE ACCELERATION AND COLORECTAL **SURGERY...** (2\*)

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Mo1081....LYMPH NODE INVOLVEMENT IN GASTRIC ADENOCARCINOMA... (5\*)

Mo1082.... KCNQ10T1, THE LARGEST NON-CODING RNA OF... (4\*)

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Mo1084.... GENOMIC PROFILING IDENTIFIES A NOVEL BIOMARKER...

Mo1086.... MALIGNANT CONVERSION **BASED ON NATURAL HISTORY...** (5\*)

Mo1087.... THE EFFICACY OF PDT USING 5-AMINOLEVULINIC... (4\*)

Mo1088.... THE DIAGNOSTIC ROLE OF 18F-FLOURODEOXYGLUCOSE **POSITRON...** (5\*)

Mo1089.... HIGHER INCIDENCE OF ADVANCED GASTRIC NEOPLASMS... (5\*)

Mo1090.... TRENDS IN INCIDENCE AND STAGE AT... (2\*)|(This study was supported by grants from the National Natural Science Foundation of China (Grant No. 81660404 and No. 81560398) and the Natural Science Foundation of Jiangxi Province (grant No. 20161ACG70014), Foundation of Jiangxi Educational Committee (g)

Mo1091....LOW GRADE GASTRIC MUCOSA-ASSOCIATED LYMPHOID **TISSUE...** (5\*)

Mo1092.... RISK PREDICTION MODEL FOR DETECTING GASTRIC... (2\*)

Mo1093....ALPN-101. A FIRST-IN-**CLASS DUAL ICOS/CD28** ANTAGONIST,... (3\*)|(Alpine Immune Sciences)

Mo1094.... OPS-2071 HEALS T CELL **MEDIATED COLITIS,...** (5\*)

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Mo1096.... BTK DEFICIENCY LEADS TO NLRP3 INFLAMMASOME... (2\*)

Mo1098.... EFFECTS OF SHORT-CHAIN FATTY ACIDS SUPPLEMENTATION... (4\*)

Mo1099.... AN ESCHERICHIA COLI STRAIN WITH EXTRA... (2\*)

Mo1100.... ESCHERICHIA COLI NISSLE 1917 EXPRESSING ELAFIN... (2\*)

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Mo1103.... EFFECT OF WEICHANG'AN **PILL ON TH17/TREG...** (3\*)

Mo1104.... MONONUCLEAR MYELOID CELL TARGETED HISTONE DEACETYLASE...

(4\*)|(3)|(GlaxoSmithKline - Stevenage -

Mo1105.... GB004. A NOVEL GUT-TARGETED PROLYL HYDROXYLASE... (3\*)|(Gossamer Bio, Inc.)

Mo1106.... INFLAMMATION AND CHRONICITY - A NOVEL... (6\*)

Mo1107.... THE GEM PROIECT: CROHN'S DISEASE POLYGENIC... (6\*)(2)Mo1108.... AN INTEGRATED GENOMIC AND TRANSCRIPTOMIC ANALYSIS...

Mo1109.... DEVIATION FROM ADDITIVE MODEL IN GENETICS... (2\*)|(4)

Mo1110.... INTEGRATING EQTL **EVIDENCE AND GWAS SUMMARY...** (2\*)|(4)

Mo1111....RNASET2 RISK VARIANT AS A NOVEL... (4\*)

Mo1112.... IDENTIFYING NOVEL HIGH-IMPACT RARE DISEASE-CAUSING MUTATIONS,... (2\*)

Mo1113.... GENOTYPING OF NUDT15 R139C PRIOR TO... (4\*)

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Mo1114.... ACCURATE PREDICTION **OF THERAPEUTIC RESPONSE TO...** (6\*)

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Mo1116.... GENOME-WIDE DNA METHYLATION PROFILING IN **DIFFERENTIATING...** (2\*)

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Mo1122.... INTEGRATED NETWORK ANALYSIS USING PATIENT-SPECIFIC SINGLE... (2\*)

Mo1123.... META-ANALYSIS OF GENE EXPRESSION DISEASE SIGNATURES...

Mo1124....RNA-SEQ GENE **EXPRESSION PROFILE REVEALS THAT...** (2\*)|(7)

Mo1125.... GENETIC ANALYSIS OF **ULCERATIVE COLITIS RESPONSE...** (5\*)

Mo1126.... FAMILY-SPECIFIC HOST **GENETIC AND GUT MICROBIAL...** (2\*)

Mo1127.... REPERTOIRE ANALYSIS OF MEMORY T-CELL RECEPTORS... (1\*)

Mo1128.... INFLUENCE OF NUDT15 **AND TPMT ON...** (5\*)

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Mo1131....QUANTITATIVE PROTEOMIC ANALYSIS OF MACROPHAGES FROM... (5\*)

Mo1132....TLR4 SIGNALING PROTECTS THE INTESTINAL EPITHELIUM... (2\*)

Mo1133.... ACTIVATION OF ARYL HYDROCARBON RECEPTOR ATTENUATES... (2\*)

Mo1134.... THE REGULATION OF ARYL HYDROCARBON RECEPTOR... (4\*)

Mo1135.... ENDOPLASMIC RETICULUM STRESS ACTIVATES REGULATORY T... (4\*)|(2)

Mo1136.... INTESTINAL ALKALINE PHOSPHATASE EXERTS ANTI-INFLAMMATORY EFFECTS... (4\*)

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Mo1143.... ALTERATION OF ANTERIOR CINGULATE FUNCTIONAL CONNECTIVITY... (2\*)

Mo1144.... EARLY ADVERSE LIFE EVENTS MODULATE FUNCTIONAL... (2\*)

Mo1145.... THE STRUCTURE OF VAGAL NOCICEPTIVE AFFERENT... (2\*)

Mo1146.... CHRONIC INTRA-COLONIC LINACLOTIDE ADMINISTRATION ALTERS GLIAL... (3\*)|(2)|(Supported by Ironwood Pharmaceuticals Inc, Allergan and NHMRC Australia.)

Mo1147.... INTESTINAL HYPERPERMEABILITY IN A DUAL EXPERIMENTAL... (5\*)

Mo1148.... IMPACT OF ADVERSE CHILDHOOD EXPERIENCES ON...  $(2^*)|(4)$ 

Mo1149.... A NOVEL R-SPONDIN 1/POMC NEUROCIRCUIT IN... (2\*)

Mo1150.... CENTRAL MECHANISM OF INTESTINAL ELECTRICAL STIMULATION... (2\*)

Mo1151.... ACCELERATED GASTRIC EMPTYING IN A SUBSET... (5\*)

Mo1152.... SPECTRAL ANALYSIS OF FREQUENCY OF COLON... (2\*)

Mo1153.... PREDICTING TREATMENT RESPONSE TO THE LOW... (5\*)

Mo1154.... RQ-00433412, A NOVEL ORALLY ACTIVE GHRELIN... (3\*)|(RaQualia Pharma Inc.)

Mo1155.... PERIPHERAL GHRELIN MEDIATES THE OREXIGENIC EFFECTS... (1\*)

Mo1156....LOW COMPLICATION RATES IN THE OUTPATIENT... (5\*)

Mo1157.... DIFFERENCES IN BRAIN SIGNATURES IN ULCERATIVE... (2\*)

Mo1158.... A MULTICENTER, PROSPECTIVE TRIAL EVALUATING THE... (3\*)|(Medtronics - research support)

Mo1159.... BIOMARKERS OF EXTRACELLULAR MATRIX REMODELLING ARE... (5\*)

Mo1160.... SEROLOGICAL BIOMARKERS OF INTERSTITIAL MATRIX AND... (5\*)

Mo1161.... THE SIMPLIFIED MARIA SCORE IS STRONGLY... (4\*)

Mo1162.... INITIAL CLINICAL EXPERIENCE OF USING TETHERED... (2\*)

Mo1163.... ENDOSCOPY-DRIVEN ALGORITHM IDENTIFIES BARRETT NEOPLASIA WITH... (5\*)

Mo1164.... VOLUMETRIC LASER ENDOMICROSCOPY FOR IDENTIFICATION OF... (2\*)

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Mo1166.... THE NEW SIMPLIFIED MARIA SCORE APPLIES... (5\*)

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Mo1169.... X-RAY PHASE CONTRAST IMAGING FOR STAGING... (4\*)

Mo1170.... OPTIMIZING VOLUMETRIC LASER ENDOMICROSCOPY SCORING SYSTEMS... (5\*)

Mo1171....ARTIFICIAL INTELLIGENCE
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Mo1172.... A RADIOMICS MACHINE LEARNING PREDICTOR CAN... (2\*)

Mo1173.... TRANSNASAL ENDOMICROSCOPY FOR UNSEDATED OCT IMAGING... (6\*)

Mo1174.... DEVELOPMENT OF A SELF-GUIDED TRAINING MODULE... (5\*)

Mo1175.... USE OF MACHINE LEARNING AND COMPUTER... (2\*)

Mo1176.... DEVELOPMENT OF A MACHINE LEARNING (ML)... (7\*)|(4)

Mo1177.... RESPONSE AND PROGRESSION OF SMALL BOWEL... (3\*)

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Mo1180.... PATTERNS OF ALLERGIC SENSITIZATION BASED ON... (5\*)

Mo1181.... G-EOE-RD: EXTENT OF EOSINOPHILIC ESOPHAGITIS PREDICTS... (5\*)

Mo1182....AN EPISODE-BASED, PATIENT-REPORTED OUTCOME MEASURE OF... (3\*)|(Adare Pharmaceuticals)

Mo1183.... PREDICTORS OF RESPONSE TO CORTICOSTEROID THERAPY... (3\*)|(This study was funded by Shire ViroPharma, Inc., a member of the Takeda group of companies. Medical writing support was provided by Luci Witcomb PhD, of PharmaGenesis London, London, UK, and funded by Shire Human Genetic Therapies Inc., a member of the Ta)

Mo1184....AN EPISODE-BASED PATIENT-REPORTED OUTCOME MEASURE OF... (3\*)|(Adare Pharmaceuticals Inc)

Mo1185.... ENDOSCOPY DETECTS HISTOLOGIC REMISSION WITH VERY...  $(2^*)$ 

Mo1186.... STRONG ASSOCIATION BETWEEN DYSPHAGIA FREQUENCY WITH... (2\*)

Mo1187.... DILATION REDUCES POSITIVE CORRELATION BETWEEN SYMPTOMS... (2\*)

Mo1188.... DETERMINATION OF AN ENDOSCOPIC RESPONSE THRESHOLD... (2\*)|(3)|(T32 DK007634, R01DK101856)

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Mo1189.... DYSPHAGIA IN **EOSINOPHILIC ESOPHAGITIS** IMPROVES WITH... (2\*)|(R01DK101856, T32DK007634)

Mo1190.... ESOPHAGEAL DISTENSION DYSFUNCTION DURING SWALLOW-**INDUCED PERISTALSIS...** (2\*)

Mo1191.... ANTI-TUMOR NECROSIS **FACTOR THERAPY AND** EOSINOPHILIC... (5\*)

Mo1192....ACID SUPPRESSANT MEDICATIONS AND EOSINOPHILIC ESOPHAGITIS:... (5\*)

Mo1193.... PREDICTORS OF RESPONSE TO DIETARY THERAPY... (6\*)|(The Belletete Foundation)

Mo1194.... GENDER-STRATIFIED CLINICAL COURSE AND TREATMENT **RESPONSE...** (2\*)|(4)

Mo1195.... POOR ENVIRONMENTAL QUALITY OF LAND AND... (2\*)

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(2\*)|(3)|(Companies Winclove, Ingredia Ingredion, Nexira, Naturex, Bioiberica, Wecare, Roquette and Darling Ingredients.)

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Mo1550.... A NOVEL SCORE TO EVALUATE ABDOMINAL... (3\*)|(This study was funded by Allergan plc and Ironwood Pharmaceuticals, Inc.)

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Mo1799.... THE ROLE OF ACOUSTIC RADIATION FORCE... (5\*)

Mo1800.... INFLAMMATORY BOWEL DISEASE AND LUNG CANCER:... (5\*)

Mo1801.... DISEASE BURDEN AND OUTCOMES OF INFLAMMATORY... (5\*)

Mo1802.... HYPERBARIC OXYGEN THERAPY IN PATIENTS WITH... (5\*)

Mo1803.... CLOSTRIDIOIDES DIFFICILE INFECTION IS NOT ASSOCIATED... (5\*)

Mo1804.... PRE-ADMISSION CANNABIS USE IS POSITIVELY CORRELATED... (5\*)

Mo1805.... CROHN'S DISEASE PHENOTYPE AND ACTIVITY ARE... (5\*)

Mo1806.... CIRCULATING LEVELS OF VITAMIN D BINDING...
(3\*)|(Immundiagnostik AG)

Mo1807.... EVALUATION AND COMPARISON OF SAFETY CHARACTERISTICS... (5\*)

Mo1808.... CHROMOENDOSCOPY AND HIGH DEFINITION WHITE LIGHT... (5\*)

Mo1809.... RISK FACTORS AND TREATMENT OUTCOMES OF... (5\*)

Mo1810.... EOSINOPHILIA ON PATHOLOGY PREDICTS LOWER INFLIXIMAB... (5\*)

Mo1811.... REAL-WORLD CLINICAL OUTCOMES OF BIOLOGIC-NAÏVE NON-COMPLICATED... (3\*)|(Takeda Pharmaceuticals Company Ltd.)

Mo1812.... THE BURDEN OF VACCINE-PREVENTABLE INFECTIONS IN... (5\*)

Mo1813....THROMBOEMBOLIC EVENTS IN HOSPITALIZED PATIENTS WITH... (5\*)

Mo1814....THROMBOEMBOLIC EVENTS IN HOSPITALIZED PATIENTS WITH... (5\*)

Mo1815.... FECAL INCONTINENCE IS COMMON IN... (5\*)

Mo1816.... NEOPLASTIC LESIONS OUTSIDE DISEASED AREA IN... (5\*)

Mo1817.... PATIENTS WITH INFLAMMATORY BOWEL DISEASE HAVE... (5\*)

Mo1818.... COLORECTAL NEOPLASIA RISK IN PATIENTS WITH... (5\*)

Mo1819.... USE OF ANTI-TNF AGENTS MAY REDUCE... (5\*)

Mo1820.... CHARACTERIZATION OF SPERM IN PATIENTS WITH... (4\*)

Mo1821.... OUTCOMES IN PATIENTS WITH INFLAMMATORY BOWEL... (5\*)

Mo1822.... INCREASING ANEMIA SEVERITY IN IBD PATIENTS... (5\*)

Mo1823.... BURDEN OF NEPHROLITHIASIS IN INFLAMMATORY BOWEL... (2\*)

Mo1824.... A STUDY ON THE ASSOCIATION BETWEEN... (5\*)

Mo1825.... THE BURDEN OF ANEMIA REMAINS SIGNIFICANT... (4\*)

Mo1826.... THE IMPACT OF TOTAL COLECTOMY ON...  $(2^*)$ 

Mo1827.... INCREASING FREQUENCY IN THE DIAGNOSIS AND... (5\*)

Mo1828.... THE EPIDEMIOLOGY OF INFLAMMATORY BOWEL DISEASES... (4\*)

Mo1829.... HISTOLOGICAL REMISSION DOSE NOT OFFER ADDITIONAL... (5\*)

Mo1830.... INCREASED PREVALENCE BUT NOT INCIDENCE OF... (5\*)

Mo1831.... UCEIS IS ASSOCIATED WITH PRO2, PARTIAL... (5\*)

Mo 1832.... PATIENT REPORTED OUTCOMES, PARTIAL MAYO SCORE... (5\*)

Mo1833.... HIGH BURDEN OF OBESITY AND RELATED... (5\*)

Mo1834.... DERMATOLOGIC MANIFESTATIONS OF INFLAMMATORY BOWEL... (5\*)

Mo1835.... PREVALENCE OF OCULAR DISEASES IN INFLAMMATORY... (5\*)

Mo1836.... IMPACT OF THERAPEUTIC STRATEGIES ON INTESTINAL... (4\*)

Mo1837.... LINK BETWEEN CELIAC DISEASE AND INFLAMMATORY... (5\*)

Mo1838.... EPIDEMIOLOGY AND RISK OF INFLAMMATORY BOWEL... (5\*)

Mo1839.... TRENDS AND OUTCOMES OF HIP FRACTURE... (5\*)

Mo1840.... COMPUTED TOMOGRAPHY CONTINUES TO BE A... (5\*)

Mo1841.... ONE-YEAR RISK OF OPIOID ADDICTION AFTER... (5\*)

Mo1842.... IBD IS ASSOCIATED WITH INCREASED RISK... (5\*)

Mo1843.... CREATION OF A NOVEL CASE-FINDING DEFINTION... (6\*)

Mo1844.... TRENDS IN THE MEDICAL MANAGEMENT OF... (5\*)

Mo1845.... ASSOCIATION OF COMPLICATED DIVERTICULITIS WITH SUBSEQUENT... (5\*)

Mo1846.... NON-ALCOHOLIC FATTY LIVER DISEASE PREVALENCE AND... (5\*)

Mo1847....LONG-TERM PROGNOSIS OF CROHN'S DISEASE AND... (2\*)|(3)|( This work was partially supported by a Korean Health Technology R&D Project grant from the Korea Health Industry Development Institute to Suk-Kyun Yang (A120176), funded by the Ministry of

**Abstract Funding Source Key** 

\* = Primary Source

Health & Welfare; and by a research grant from Janssen Korea.)

Mo1848.... CAPSAICIN CONTRIBUTES TO DISEASE RELAPSE IN... (2\*)|(4)

Mo1849.... IMMUNE STATUS TO VIRAL INFECTIOUS DISEASES... (5\*)

Mo1850.... HIGH PREVALENCE OF MALNUTRITION IN INDIAN... (5\*)

Mo1851.... POPULATION-BASED ESTIMATES FOR INFLAMMATORY BOWEL DISEASE... (5\*)

Mo1852.... DIFFERENCES IN CLINICAL CHARACTERISTICS AND OUTCOMES... (2\*)

Mo1853.... RATES OF PERFORATION IN PATIENTS WITH... (5\*)

Mo1854.... IMAGING UTILIZATION IN PEDIATRIC INFLAMMATORY BOWEL... (5\*)

Mo1855.... SMOKING IN AFRICAN AMERICANS RESULTS IN... (2\*)

Mo1856.... EFFICACY OF USTEKINUMAB IN CROHN'S DISEASE... (5\*)

Mo1857.... A PHASE II OPEN LABEL STUDY... (3\*)|(AbGenomics International Inc.)

Mo1858.... ENDOSCOPIC AND HISTOLOGIC OUTCOME IN TOFACITINIB... (5\*)

Mo1859.... CLINICAL, SEROLOGIC, AND GENOMIC PREDICTORS OF...  $(2^*)|(4)$ 

Mo1860.... REAL-WORLD LONG-TERM EFFECTIVENESS OF USTEKINUMAB IN... (5\*)

Mo1861.... TRANSMURAL HEALING IN PATIENTS WITH CROHN'S... (5\*)

Mo1862.... HIGH RATE OF LOSS OF RESPONSE... (5\*)

Mo1864.... ILEAL AND RECTAL ULCER SIZE IMPACTS... (5\*)

Mo1865.... WEEK 10 INFLIXIMAB CONCENTRATION IDENTIFIES PATIENTS... (5\*)

Mo1866.... USING CLINICAL ROUTINE DATA TO PREDICT... (5\*)

Mo1867.... ITALIAN REAL-LIFE STUDY EVALUATING THE LONG... (3\*)|(Takeda)

Mo1868.... EFFICACY AND SAFETY OF SIMULTANEOUS TREATMENT... (5\*)

Mo1869.... EFFICACY OF DOSE INTENSIFICATION OF USTEKINUMAB... (5\*)

Mo1870.... ASSESSMENT OF BODY WEIGHT CHANGES IN... (4\*)

Mo1871.... VEDOLIZUMAB TREATMENT IN PATIENTS WITH REFRACTORY... (5\*)

Mo1872.... SAFETY AND CLINICAL EFFICACY OF DOUBLE... (5\*)

Mo1873.... WHICH SECOND-LINE BIOLOGIC AFTER ANTI-TNF FAILURE... (5\*)

Mo1874.... BLOOD T CELL FREQUENCIES PREDICT AND... (4\*)

Mo1875.... EVALUATION OF BIOLOGIC TREATMENT PATTERNS AMONG... (3\*)(|Janssen Scientific Affairs, LLC)

Mo1876.... TREATMENT
PERSISTENCE AND MAINTENANCE
DOSING FOR... (3\*)|(Study sponsored by:
Janssen Scientific Affairs, LLC, Horsham,
PA, USA)

Mo1879.... DEVELOPMENT OF INFLAMMATORY BOWEL DISEASE (IBD)... (5\*)

Mo1880.... USTEKINUMAB DOSE ESCALATION EFFECTIVE IN REAL-WORLD... (5\*)

Mo1881.... USTEKINUMAB TROUGH LEVEL PREDICTS REMISSION AND...  $(1^*)|(6)$ 

Mo1882.... EFFECTIVENESS OF USTEKINUMAB DOSE ESCALATION IN... (5\*)

Mo1883.... REAL-WORLD EXPERIENCE: CLINICAL AND ENDOSCOPIC EFFECTIVENESS... (3\*)|(Takeda)

Mo1884.... PREDICTORS OF VEDOLIZUMAB TREATMENT PERSISTENCE IN... (5\*)

Mo1885.... VEDOLIZUMAB - PERIOPERATIVE INFECTION RATES IN... (5\*)

Mo1886.... REAL-WORLD EFFECTIVENESS OF VEDOLIZUMAB IN CROHN'S... (3\*)|(The study was financially supported by Takeda.)

Mo1887.... IMPACT OF TUMOR NECROSIS FACTOR ALPHA... (2\*)|(4)

Mo1888.... DECODING DELAYS IN BIOLOGIC AND SMALL... (6\*)

Mo1889.... CORRELATION OF EARLY INFLIXIMAB LEVELS WITH... (3\*)|(Janssen Scientific Affairs, LLC)

Mo1890.... VEDOLIZUMAB DOSE ESCALATION IMPROVES DISEASE ACTIVITY... (5\*)

Mo1891.... QUALITY OF TRANSITION CARE IN PEDIATRIC... (5\*)

Mo1892.... PREDICTING SUB-OPTIMAL TRANSITIONS IN ADOLESCENTS WITH... (5\*)

Mo1893.... PHENOTYPE AND OUTCOME OF INFLAMMATORY BOWEL... (4\*)

Mo1894.... APPROACH TO TRANSGENDER AND GENDER NON-CONFORMING... (5\*)

Mo1895.... POPULATION PHARMACOKINETIC BAYESIAN ESTIMATES AND VEDOLIZUMAB... (2\*)|(4)

Mo1896.... INFLIXIMAB SERUM LEVELS DURING INDUCTION PREDICT... (3\*)|(KvH has received a research grant from Mundipharma Comm, VA and Celltrion Healthcare Co.)

Mo1897.... TOTAL ABDOMINAL COLECTOMIES WITH PROCTECTOMY ARE... (4\*)

Mo1898.... LOW RISK OF LYMPHOMA IN PEDIATRIC... (2\*)

Mo1899.... SEX DIFFERENCES IN STATURAL GROWTH IMPAIRMENT... (2\*)|(6)

Mo1900.... THE INCIDENCE AND CHARACTERISTICS OF VENOUS... (2\*)

Mo1901.... CHILDREN WITH INFLAMMATORY BOWEL DISEASE EXPERIENCE... (4\*)

Mo1902.... NON-MONOGENIC VERY EARLY ONSET INFLAMMATORY BOWEL... (5\*)

Mo1903.... HIGH RATES OF SURGERY PERSIST FOR... (5\*)

Mo1904.... INSURANCE TYPE INFLUENCES INFLIXIMAB INITIATION TIME... (5\*)

Mo1905.... THE ASSOCIATION BETWEEN HIRSCHSPRUNG'S DISEASE AND... (5\*)

Mo1906.... FEASIBILITY OF THE FIRST PAEDIATRIC RANDOMIZED...

(4\*)|(3)|(Rebiotix Inc. supplied the fecal transplant product for this study.)

Mo1907.... REAL WORLD EXPERIENCE WITH USTEKINUMAB IN... (5\*)

Mo1908.... INFLIXIMAB TREATMENT FAILURE IN CHILDREN WITH... (5\*)

Mo1909.... EVALUATION OF NON-ALCOHOLIC FATTY LIVER DISEASE... (5\*)

Mo1910.... SAFETY AND EFFICACY OF SUPRATHERAPEUTIC SERUM... (5\*)

Mo1911.... NORMALISATION OF STOOL CALPROTECTIN- IS IT... (5\*)

Mo1912.... RISK OF CANCERS IN PEDIATRIC INFLAMMATORY... (5\*)

Mo1913.... MICROBIOTA-MODIFYING DRUG CSA13-DEPENDENT FECAL METABOLITES EXERT... (2\*)|(3)|(Merck)

Mo1914.... SUPERIOR EFFICACY OF HIGHER VOLUME FRESH... (5\*)

Mo1915.... IT IS NOT COST EFFECTIVE TO...  $(5^*)$ 

Mo1916.... RISING TEMPORAL TRENDS IN THE PREVALENCE... (5\*)

Mo1917.... CLINICAL BURDEN OF RECURRENT CLOSTRIDIOIDES DIFFICILE... (3\*)|(Ferring Pharmaceuticals Inc.)

Mo1918.... VALIDATION OF A PREDICTIVE SCORING TOOL... (5\*)

Mo1919.... BOWEL ANASTOMOSIS IS ASSOCIATED WITH... (5\*)

Mo 1920.... EPIDIMIOLOGY AND TREND ANALYSIS OF CLOSTRIDIOIDES... (5\*)

Mo1921.... COMPARATIVE RISK OF CLOSTRIDIUM DIFFICILE INFECTION... (5\*)

Mo1922.... ROLE OF SERUM PROCALCITONIN IN PREDICTING... (5\*)

Mo1923.... RELATIONSHIP BETWEEN ILEOCECAL RESECTION AND POSTOPERATIVE... (5\*)

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Mo1924.... DIFFERENCES IN THE FECAL MICROBIOME AND... (4\*)

Mo1925.... THE IMPACT OF APPENDECTOMY IN... (5\*)

Mo1926.... PROBIOTICS FOR THE PREVENTION OF CLOSTRIDIUM... (5\*)

Mo1927.... CLOSTRIDIOIDES DIFFICILE RIBOTYPE AS A PREDICTOR... (5\*)

Mo1928.... ARE PATIENTS WITH ALTERED BILE ACID... (5\*)

Mo1929.... ORALLY ADMINISTERED LYOPHILIZED FECAL MICROBIOTA TRANSPLANTATION... (4\*)

Mo1930.... THE DONOR DOES NOT MATTER IN... (3\*)|(This analysis was funded by Rebiotix Inc. (Roseville, MN, USA))

Mo1931.... FAILURE IS NOT FINAL: CLINICAL RESPONSE... (3\*)|(This analysis was funded by Rebiotix Inc. (Roseville, MN).)

Mo1932.... CRITICAL ROLE FOR TOXIN ACTIVATING CLOSTRIDIUM... (4\*)

Mo1933.... USE OF PROTON PUMP INHIBITORS DOES... (5\*)

Mo1934.... IS CELIAC DISEASE ASSOCIATED WITH WORSE... (5\*)

Mo1935.... IDENTIFYING BARRIERS AMONG PRIMARY CARE PHYSICIANS... (5\*)

Mo1936.... CLOSTRIDIOIDES DIFFICILE INFECTION IN PATIENTS WITH... (5\*)

Mo1937.... ACID-SUPRRESIVE THERAPY AS A RISK FACTOR... (5\*)

Mo1938.... SEQUENTIAL FECAL MICROBIOTA TRANSPLANTATION FOR FULMINANT... (5\*)

Mo1939.... TEMPORAL MODULATION OF TCR REPERTOIRE FOLLOWING... (4\*)|(2)

Mo1940.... TRENDS IN CLOSTRIDIUM DIFFICILE INFECTION INCIDENCE... (5\*)

Mo1941.... CLOSTRIDIUM DIFFICILE INFECTION AS A CAUSE... (5\*)

Mo1942.... OUTCOMES OF CLOSTRIDIODES DIFFICILE INFECTION IN... (5\*)

Mo1943.... SEQUENTIAL FECAL MICROBIOTA TRANSPLANT BY ENEMA... (2\*)|(4)|(MERCK

Pharmaceuticals provided the fidaxomicin for this research for free. No other contributions were made.)

Mo1944.... COMPARING TREATMENT OUTCOMES BETWEEN OPENBIOME FROZEN... (4\*)

Mo1945.... EFFICACY AND SAFETY OF FECAL MICROBIOTA... (5\*)

Mo1946.... ASSOCIATION OF FECAL CALPROTECTIN AND RECURRENCE... (4\*)

Mo1947.... DETECTION OF NON - TOXIGENIC CLOSTRIDIOIDES... (5\*)

Mo1948.... OUTCOMES OF INPATIENT FECAL TRANSPLANT ADMINISTRATION... (2\*)

**Mo1949.... ONE AND DONE? EVALUATION OF EFFICACY...** (3\*)|(Rebiotix Inc.)

Mo1950.... HETEROGENEITY OF RANDOMIZED CONTROLLED TRIALS OF... (3\*)|(Ferring Pharmaceuticals)

Mo1951.... REPORTING OF RANDOMIZED CONTROLLED TRIAL METHODOLOGICAL... (3\*)|(Ferring)

Mo1952.... PATIENT SEX DOES NOT IMPACT EFFICACY... (5\*)

Mo1953.... METAGENOMIC ANALYSIS OF HUMAN FECAL VIROME... (2\*)

Mo1954.... ANAEROBIC FECAL MICROBIOTA TRANSPLANTATION PREPARATIONS ARE... (5\*)

Mo1955.... HIGH STRESS REACTIVITY IS ASSOCIATED WITH...  $(6^*)|(2)$ 

Mo1956.... ASSOCIATION OF FECAL MICROBIOME WITH RESILIENCE... (2\*)

Mo1957.... LACTOBACILLUS RHAMNOSUS GG COLONIZATION IN EARLY...  $(2^*)$ 

Mo1958.... UTILITY OF A CONSUMER-FRIENDLY PORTABLE HYDROGEN... (3\*)|(GOS-based prebiotic provided for free from manufacturer (FrieslandCampina).)

Mo1959.... COMPARISON OF TWO READY-TO-USESUPPLEMENTARY FOODS (RUSF)... (6\*)|(3)|(Arla Foods and the Danish Dairy Research Foundation)

Mo1960.... EFFECT OF FIBER, OSMOLARITY, AND PROTEIN... (2\*)

Mo1961.... CLINICAL EXPERIENCE OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY... (5\*)

Mo1962.... COMBINATION OF PUREED DIET CONTAINING GELLING... (5\*)

Mo1964.... SEX DIFFERENCES IN DIETARY COPPER-FRUCTOSE INTERACTION-INDUCED... (2\*)

Mo1965.... EFFECTS OF ESTROGEN ON THE EXPRESSION... (2\*)|(National Natural Science Foundation of China (NSFC))

Mo1966.... COMMD10 REGULATES ADIPOSE TISSUE MACROPHAGE CONTROL... (6\*)

Mo1967.... CRANBERRY PROANTHOCYANIDINS ATTENUATE METABOLIC DISORDERS, INCLUDING... (2\*)|(4)

Mo1968.... MECHANISM UNDERLYING STIMULATION OF APICAL BOAT1... (2\*)

Mo 1969. . . . OBESITY-INDUCED STIMULATION OF INTESTINAL VILLUS CELL...  $(2^*)$ 

Mo1970.... UNIQUE MECHANISM OF STIMULATION OF GLUCOSE... (2\*)

Mo1971.... PHARMACOTHERAPY FOR OBESITY – TRENDS USING... (5\*)

Mo1972.... CLASS II+III OBESITY IS AN INDEPENDANT... (5\*)

Mo1973.... ECTOPIC FAT ACCUMULATION IN THE LIVER... (2\*)

Mo1974.... WEIGHT REGAIN FOLLOWING BARIATRIC SURGERY: A... (5\*)

Mo1975.... IMPACT OF BARIATRIC SURGERY ON ESOPHAGEAL... (5\*)

Mo1976.... UPPER GI SYMPTOMS IN PATIENTS POST-BARIATRIC... (5\*)

Mo1977.... THE RELATIONSHIP BETWEEN VISUAL PROCESSING IMPAIRMENTS... (5\*)

Mo1978.... EFFECT OF WEIGHT LOSS ON RETINOCHOROIDAL... (5\*)

Tu1000....APPROPRIATENESS OF PROTON PUMP INHIBITORS AFTER... (5\*)

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**Tu1001.... OUTCOMES OF A PROTON PUMP INHIBITOR...**  $(5^*)$ 

Tu1002.... PROTON PUMP INHIBITOR (PPI) PRESCRIBING PATTERNS... (5\*)

Tu1003.... LONG TERM USE OF PPI'S DOES... (5\*)

Tu1004.... PROVINCIAL PRESCRIBING DATA OF PROTON PUMP... (2\*)

Tu1005.... USE OF PROTON-PUMP INHIBITORS DURING ANTI-COAGULATION... (3\*)|(Daiichi Sankyo Co., Ltd.)

Tu1006.... THE ASSOCIATION BETWEEN INFLAMMATORY BOWEL DISEASE... (5\*)

Tu1007.... WORLDWIDE INCIDENCE AND PREVALENCE OF METABOLIC... (4\*)

Tu1008.... A META-ANALYSIS OF THE VALUE OF... (5\*)

Tu1009.... CONTAMINATION RATE OF REUSABLE PATIENT-READY DUODENOSCOPES... (5\*)

Tu1010.... HIGHER ADULT-ATTAINED HEIGHT IS AN INDEPENDENT... (4\*)

Tu1011.... MYTHS ABOUT OBSTRUCTIVE SLEEP APNEA DEBUNKED:... (5\*)

Tu1012.... INSURANCE STATUS AND LEVEL OF EDUCATION... (5\*)

Tu1013.... YOUNGER PATIENTS WITH ESOPHAGEAL ADENOCARCINOMA HAVE... (5\*)

Tu1014.... MODULATION OF THE POSITIVE ASSOCIATION BETWEEN... (4\*)

Tu1015.... GASTRIC ADENOMA INCREASES THE RISK FOR... (5\*)

Tu1016.... OCCURRENCE OF ESOPHAGEAL ADENOCARCINOMA IN THE... (3\*)

Tu1017.... RISK FACTORS IN THE DEVELOPMENT OF... (2\*)

Tu1018.... INCIDENCE AND MORTALITY RATES OF APPENDICEAL... (5\*)

Tu1183.... CHARACTERISTICS OF 30-DAY ALL CAUSE READMISSIONS... (5\*) Tu1184.... GASTROENTEROLOGISTS AND INFECTIOUS DISEASE PHYSICIANS ARE... (5\*)

**Tu1185....OLDER AGE AND PRESENCE OF ADVANCED...** (3\*)|(Research grant from Gilead Sciences)

Tu1186.... ECONOMIC BURDEN OF INPATIENT CARE IN... (5\*)

**Tu1187.... IF YOU HAVE TO ASK, YOU...** (5\*)

Tu1188.... MALE GENDER, INSURANCE STATUS, AND RACE/ETHNICITY... (5\*)

Tu1189.... GASTRIC ELECTRICAL STIMULATOR FOR GASTROPARESIS, A...  $(5^*)$ 

Tu1190.... IMPAIRED ACTIVATION OF SYMPATHETIC NERVOUS SYSTEM... (3\*)|(Tsumura & Co.)

Tu1191.... DISTRIBUTION OF DUODENAL TUFT CELLS IS... (2\*)

Tu1192.... ACTIVATION OF AKT-PI3K SIGNALING AND MIRNA-MEDIATED... (2\*)

Tu1193.... COQ10 PROTECTS GASTRIC ENDOTHELIAL CELLS AGAINST... (2\*) Tu1194.... DIFFERENT CLASSES OF NONPEPTIDE AGONISTS HAVE... (2\*)

Tu1195.... ELUCIDATION OF THE MECHANISMS BY WHICH... (2\*)

Tu1196.... EFFECT OF HELICOBACTER PYLORI ON THE...  $(2^*)$ 

Tu1197.... EFFECT OF AMINO ACID-BASED ORAL REHYDRATION...

(4\*)|(3)|(Entrinsic Health Solutions Inc. (fund based on a research agreement with the University of Florida))

Tu1198.... PROPRIETARY BLEND OF AMINO ACIDS DECREASED... (4\*)

Tu1199.... INTEGRATIVE ANALYSIS OF DIFFERENTIAL LNCRNA/MRNA EXPRESSION... (2\*)

Tu1200.... BILE REFLUX PROMOTES GASTRIC INTESTINAL METAPLASIA...  $(2^*)|(4)$ 

Tu1201.... EPITHELIAL TO MESENCHYMAL TRANSITION IN RESPONSE...  $(2^*)|(4)$ 

Tu1202.... MITOCHONDRIAL DYSFUNCTION ALTERS METABOLISM OF HEPATIC... (2\*)|(4)

Tu1203.... M6A MODIFICATION CONTROLS THE AUTOPHAGIC RESPONSE... (5\*)

Tu1204.... BETTER UNDERSTANDING OF MENETRIER'S DISEASE AND... (4\*)|(7)

Tu1205.... OBESITY-RELATED ENDOGENOUS MICROENVIRONMENT IMPACTS INSULIN SIGNALING... (2\*)

Tu1206.... EFFECT OF BACILLUS SUBTILIS AND ENTEROCOCCUS... (2\*)

Tu1207.... APPLICATION OF A WHOLE BLOOD PHARMACODYNAMIC... (3\*)|(Gilead Sciences, Inc.)

Tu1208.... NEUROPEPTIDE W ALLEVIATES HEPATORENAL OXIDATIVE DAMAGE... (4\*)

Tu1209.... CHIRALLY-MODIFIED LARAZOTIDE COMPOUND ANALOG #6 FACILITATES... (3\*)|(Funding from Innovate Biopharmaceuticals, Inc. 8480 Honeycutt Rd #120, Raleigh, NC 27615)

Tu1210.... GENOME-WIDE TRANSCRIPTIONAL RESPONSES TO ASPIRIN WITH... (2\*)|(4)

Tu1211.... AN ANTISENSE OLIGONUCLEOTIDE FOR MICRORNA-24-3P EXHIBITS... (2\*)|(6)

Tu1212.... RELEVANT HETEROGENEITY IN MISMATCH REPAIR DEFICIENT... (2\*)|(6)

Tu1213.... USE OF BIOLOGICS AND IMMUNOMODULATORS DO... (5\*)

Tu1214.... THE SAFETY, EFFICACY, AND OUTCOMES FOR... (5\*)

Tu1215.... WHETHER THE FIRST-DEGREE RELATIVES SUFFERING FROM... (1\*)

Tu1216.... CLINICAL, ENDOSCOPIC AND HISTOLOGICAL OUTCOMES AMONG... (5\*)

Tu1217.... THE EFFICACY OF LOWER ENDOSCOPIC SURVEILLANCE... (5\*)

Tu1218.... RELATIONSHIP BETWEEN GERMLINE MUTATION, PHENOTYPE AND...  $(2^*)$ 

Tu1219.... THE EFFICACY OF UPPER ENDOSCOPIC SURVEILLANCE... (5\*)

Tu1220.... IMPLEMENTATION AND OUTCOMES OF A NURSE-ADMINISTERED... (4\*)

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Tu1221.... CLINICOPATHOLOGICAL ANALYSIS OF SIX FAMILIES WITH... (5\*)

Tu1222.... MALIGNANCY RISK IN FAMILIAL ADENOMATOUS POLYPOSIS... (5\*)

Tu1223.... FACTORS THAT AFFECT PENETRANCE OF COLORECTAL... (5\*)

Tu1224.... ADVANCED COLORECTAL POLYPS AS A WAY... (5\*)

Tu1225.... MUTYH ASSOCIATED POLYPOSIS IN THE NON-JEWISH... (5\*)

Tu1226.... SMALL INTESTINAL INVOLVEMENT IN FAMILIAL ADENOMATOUS... (5\*)

Tu1227.... CCL11 EXACERBATES COLITIS VIA MODULATION OF... (2\*)

Tu1228.... INTERLEUKIN-38 IS ELEVATED IN INFLAMMATORY BOWEL... (2\*)

Tu1229.... AUTOTAXIN STIMULATES LPA2 RECEPTOR IN MACROPHAGES... (2\*)

Tu1230.... EXAMINATION OF NEW PREDICTIVE FACTORS USING... (1\*)

Tu1232.... NEW INSIGHTS INTO THE ROLE OF... (2\*)

Tu1233.... REPAIR RECEPTOR CD74 IS NECESSARY FOR...  $(2^*)$ 

Tu1234.... SACRAL NERVE STIMULATION INHIBITS THE MAPK/NF- $\kappa$ B...  $(2^*)$ 

Tu1235.... TNF RECEPTOR 1 PROMOTES EARLY-LIFE IMMUNITY... (2\*)

Tu1236.... DANGEROUS LIAISONS: CO-HOUSING WITH MIF-/- MICE... (4\*)

Tu1237.... ADENOSINE A3 RECEPTOR REGULATES INTESTINAL EPITHELIAL...

(2\*)|(Natural Science Foundation of Guangdong Province, China (no. 2018A030313772) and Science and Technology Innovation Commission of Shenzhen Municipality, China (no. ICY[20170307171548519).)

Tu1238.... SERUM PCSK9 AS NOVEL BIOMARKER FOR... (5\*)

Tu1239.... CIAP INHIBITION WITH SMAC MIMETICS IN...  $(2^*)|(4)$ 

Tu1240.... SALIDROSIDE AMELIORATES EXPERIMENTAL COLITIS BY ATTENUATING... (5\*) Tu1241.... SERUM ONCOSTATIN M PREDICTS MUCOSAL HEALING... (5\*)

Tu1242.... INTERLEUKIN-34 DEFICIENCY EXACERBATED EXPERIMENTAL DSS-INDUCED COLITIS... (2\*)

Tu1243.... MATRIX METALLOPROTEINASE 8 (MMP-8) DEFICIENCY RENDERS... (4\*)

Tu1244.... PN-943, AN ORAL  $\alpha$ 4 $\beta$ 7 INTEGRIN ANTAGONIST,...

(3\*)|(Protagonist Therapeutics)

Tu1245....TL1A EXCERBATED CHRONIC EXPERIMENTAL COLITIS THROUGH... (2\*)|(National Natural Science Foundation of China)

Tu1246.... COLONIC MUCOSAL KINASE ACTIVITY, CYTOKINE AND... (3\*)|(The research presented in this abstract was funded by an unrestricted investigator initiated research grant of Pfizer (ASPIRE 2017). The funding party did not have any role in the design, conduct, analyses or reporting of the study.)

Tu1247.... DELTA OPIOID RECEPTOR SIGNALING IN ENDOSOMES:... (6\*)

Tu1248.... THE ROLE OF PAI-1 IN THE... (2\*)|(European Union Funds, Innovative Economy Programme)

Tu1249.... THE ROLE OF INFLAMMATION AND MALNUTRITION... (2\*)|(European Union Funds, Innovative Economy Programme)

Tu1250.... INTESTINAL HELMINTHS PROMOTE ALLOTOLERANCE AND REGULATE... (2\*)

Tu1251.... MAST CELLS ARE SIGNIFICANTLY ACTIVATED IN... (3\*)|(Allakos, Inc.)

Tu1252.... DAMP MOLECULES NMI AND IFP35 MAY... (2\*)

Tu1253.... RANDOMIZED CONTROLLED TRIAL OF COGNITIVE BEHAVIORAL... (6\*)

Tu1254.... GLYCANS ARE DUAL REGULATORY ELEMENTS IN... (2\*)|(4)

Tu1255.... MICROBIOTA AND VIRUENCE FACTORS ASSOCIATED WITH... (6\*)

Tu1256.... CHROMOGRANIN-A REGULATES THE GUT MICROBIOTA COMPOSITION... (2\*)

Tu1257.... THE IMPACT OF FUT2 DEFICIENCY ON... (2\*)

Tu1258.... CIRCADIAN
MISALIGNMENT IN INFLAMMATORY
BOWEL DISEASE... (4\*)

Tu1259.... INDUCTION OF INNATE LYMPHOID CELL IL-22... (2\*)

Tu1260.... PSYLLIUM FIBER INDUCES UNIQUE CHANGES IN... (2\*)

Tu1261.... RESTRAINT STRESS INDUCES DEPRESSIVE-LIKE BEHAVIOR AND... (2\*)

Tu1262.... GUT MICROBIOME OF JAPANESE PATIENTS OF... (5\*)

Tu1263.... IMMUNOLOGICAL EVALUATION OF FECAL MICROBIOME TRANSPLANTED... (2\*)

Tu1264.... THE ROLE OF GASTROINTESTINAL PATHOGENS BY... (5\*)

Tu1265.... TRANSCRIPTOME ANALYSIS REVEALS THAT MICROBIOTA IN... (5\*)

Tu1266.... IMPAIRED VITAMIN D RECEPTOR EXPRESSION AND... (4\*)

Tu1267.... COLONIC ORGANOIDS AS A MODEL TO... (4\*)

Tu1268.... THE INFLAMMATORY SIGNATURE OF HUMAN ENTEROIDS... (2\*)

Tu1269.... HIGHER ANTI-TNFα TROUGH LEVELS ARE ASSOCIATED... (5\*)

Tu1270.... IN VITRO HUMAN ORGANOIDS COLITIS MODEL... (2\*)

Tu1271....INTEGRATION OF
MESENCHYMAL STEM CELLS AND...
(5\*)|(Fistula plugs provided by COOK)

Tu1272.... TARGETING METABOLISM AS AN EMERGING THERAPEUTIC... (4\*)

 $\begin{array}{lll} \textbf{Tu1273....} & \textbf{PREEXISTING INTESTINAL} \\ \textbf{STEM CELL VARIANTS...} & (2*) \end{array}$ 

Tu1274.... A NOVEL MECHANISM OF SPHINGOSINE-1-PHOSPHATE RECEPTOR... (3\*)|(This project is funded by Celgene/Bristol-Myers Squibb.)

Tu1275.... ANTI-TUBERCULAR THERAPY GIVEN TO DIFFERENTIATE CROHN'S... (5\*)

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Tu1277.... PERIPHERAL GASTROINTESTINAL CIRCADIAN DISRUPTION ASSOCIATED WITH...

(3\*)|(Pfizer 2019 Inflammatory Bowel Disease Competitive Grant Program)

Tu1278.... ENDOPLASMIC RETICULUM STRESS-MEDIATED MACROPHAGE-TO-MYOFIBROBLAST TRANSITION CONTRIBUTES... (6\*)

Tu1279.... FLAGELLIN-INDUCED CASPASE-1 ACTIVATION OF HUMAN INTESTINAL... (2\*)

Tu1280.... SUCCESSFUL ESTABLISHMENT OF DECELLULARIZED INTESTINAL EXTRACELLULAR... (2\*)

Tu1281.... PROTEINS CITRULLINATION AND CROHN'S DISEASE: PAD4... (5\*)

Tu1283.... PRECLINICAL CHARACTERIZATION OF AN ORAL SMALL... (3\*)|(Morphic Therapeutic)

Tu1284.... PROTECTIVE EFFECT OF SAFFRON IN MOUSE... (2\*)

Tu1285.... CROHN'S DISEASE ILEAL B3 WITH STENOSIS... (7\*)

Tu1286.... HYDROGEN PEROXIDE-MEDIATED CROSSTALK OF EPITHELIAL DUOX2... (2\*)|(4)

Tu1287.... MUCUS FROM HUMAN STEM CELL-DERIVED COLONOIDS... (5\*)

Tu1288.... NEUTROPHILS REGULATE PROGRESSION OF COLON CANCER... (6\*)|(7)

Tu1289.... MACROPHAGE CYSTATHIONINE GAMMA-LYASE CONTRIBUTES TO EXPERIMENTAL... (2\*)|(6)

Tu1290.... PANETH CELL DEFECTS IN CROHN'S DISEASE...  $(2^*)|(6)$ 

Tu1291.... DYSBIOSIS AND GOBLET CELLS DEPLETION TRIGGERS... (2\*)|(4)

Tu1292.... EFFICACY OF GRANULOCYTE AND MONOCYTE ADSORPTIVE... (4\*)

Tu1293.... EPITHELIAL LONG NON-CODING RNA REGULATE IN-CIS... (2\*)

Tu1294.... EXOGENOUS L-FUCOSE PROTECTS THE INTESTINAL MUCOSAL... (2\*)

Tu1295.... GRAPHENE OXIDE AGGRAVATED DEXTRAN SULFFATE SODIUM-INDUCED... (2\*)

Tu1296.... BILE ACIDS DELAY THE WOUND HEALING... (5\*)

Tu1297.... GUT MICROBIAL META-ANALYSIS OF INFLAMMATORY AND... (2\*)

Tu1298.... LOW ABUNDANCE OF LACTOCOCCUS LACTIS IN... (5\*)

Tu1299.... HELICOBACTER\_BILIS MAY PLAY A ROLE IN... (5\*)

Tu1300.... SULFATE-REDUCING BACTERIA INCREASE EXPRESSION OF PRO-INFLAMMATORY... (4\*)

Tu1301.... ANTI-INFLAMMATORY EFFECT OF FAECALIBACTERIUM PRAUSNITZII ON... (2\*)

Tu1302.... INVESTIGATING THE ROLE OF BIOACTIVES PRODUCED... (4\*)

Tu1303.... INTESTINAL MICROBIOTA CHANGES ACCORDING TO DISEASE... (5\*)

Tu1304.... STREPTOCOCCUS MOBILIS-LIKE BACTERIAL GASTROPATHY: IS THE... (5\*) Tu1305.... FECAL BACTERIOPHAGES

Tu1306.... CARBON MONOXIDE IS AN IMPORTANT FACTOR... (2\*)

**INCREASED THE GROWTH OF...** (6\*)

Tu1307.... MICROBIOTA-TLR2
MEDIATED NESTIN-DERIVED ENTERIC
NEUROGENESIS IN... (2\*)

Tu1308.... NEURAL NETWORK ENHANCEMENT AND GLIAL HYPERPLASIA... (5\*)

Tu1310.... ALTERATIONS IN EPIGENTIC MODIFIERS IN GASTRIC... (4\*)|(6)

Tu1311.... THE EFFECT OF ACUTE STRESS DISORDER... (5\*)

Tu1312.... NERVE GROWTH FACTOR PRODUCED BY ENTERIC... (5\*)

Tu1313.... ESTIMATING THE GLOBAL PREVALENCE OF BARRETT'S... (5\*)

Tu1314.... REFLUX ESOPHAGITIS IS ASSOCIATED WITH WORSE... (5\*)

**Tu1315.... ADHERENCE TO QUALITY INDICATORS IN THE...** (5\*)

Tu1316.... ONLY 65% OF INDIVIDUALS MEETING THE... (2\*)

Tu1317.... HEALTHCARE
UTILIZATION BURDEN FOR
GASTROESOPHAGEAL REFLUX...

(3\*)|(IBM Truven Commercial Claims & Encounter (patient de-identified) database access using Ethicon data license)

Tu1318.... EFFICACY OF VONOPRAZAN IN PATIENTS WITH... (1\*)

Tu1319.... THE EPIDEMIOLOGY OF BARRETT'S ESOPHAGUS IN... (5\*)

Tu1320.... ASSOCIATION BETWEEN OBSTRUCTIVE SLEEP APNEA AND... (5\*)

**Tu1321....VONOPRAZAN 10 OR 20 MG DEMONSTRATED...** (3\*)|(Funded by Takeda Development Center Asia Pte Ltd, Singapore.)

Tu1322.... EFFICACY OF UPPER ESOPHAGEAL SPHINCTER ASSIST... (7\*)

Tu1323.... HIGH QUALITY OF LIFE IMPAIRMENT IN... (5\*)

Tu1324.... COMBINED HYPOPHARYNGEAL-ESOPHAGEAL IMPEDANCE-PH MONITORING: A PILOT... (5\*)

Tu1325.... ESOPHAGEAL FUNCTION AND REFLUX EVALUATIONS IN... (5\*)

Tu1326.... GASTROESOPHAGEAL REFLUX DISEASE AND RISK OF... (5\*)

Tu1327.... OBJECTIVE MEASURES OF GASTROESOPHAGEAL REFLUX ARE... (5\*)

Tu1328.... A SUBJECTIVE DIAGNOSIS OF GERD IS... (5\*)

Tu1329.... PRE-TRANSPLANT REFLUX TESTING DEMONSTRATES HIGH PREVALENCE... (5\*)

 $\mbox{Tu}\mbox{1330}.\dots\mbox{THE PREDICTIVE VALUE}$  OF FULL COLUMN...  $(5^*)$ 

Tu1331.... PRE-TRANSPLANT GERD INCREASES POST-LUNG TRANSPLANT MORTALITY:... (5\*)

Tu1332.... EFFICACY OF A HIGH-DOSE PROTON PUMP... (5\*)

Tu1333.... CORRELATION OF GASTROESOPHAGEAL REFLUX DISEASE SYMPTOMS,... (5\*)

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Tu1334...A STUDY ON THE EFFECT OF... (5\*)

Tu1335.... SLEEP DISORDERS ARE VERY COMMON IN... (5\*)

Tu1336.... REFLUX MONITORING WITH IMPEDANCE-PHMETRY: NEW SET... (4\*)

Tu1337.... ESOPHAGEAL CONTRACTILE SEGMENT IMPEDANCE (CSI) FROM... (5\*)

Tu1338.... NOVEL ESOPHAGEAL BASELINE IMPEDANCE METRICS CORRELATE... (5\*)

Tu1339.... PATIENTS WITH BORDERLINE ACID EXPOSURE TIME... (5\*)

Tu1340.... MUCOSAL INTEGRITY TESTING OR PH MONITORING:... (5\*)

Tu1341.... SALIVARY PEPSIN AS A BIOMARKER OF... (5\*)

Tu1342.... ABNORMAL BOLUS REFLUX WITH NORMAL ACID... (5\*)

Tu1343.... REFLUX PROFILES IN POST-BARIATRIC SURGERY PATIENTS... (5\*)

Tu1345.... THE DIAGNOSTIC USEFULNESS OF E-CADHERIN AND... (1\*)

Tu1346.... DISTAL MEAN NOCTURNAL BASAL IMPEDANCE AS... (5\*)

Tu1347.... ESTABLISHING AN OPTIMAL CUT-OFF FOR DISTAL... (5\*)

Tu1348.... PEPSIN AND BILE ACIDS DETECTION IN... (5\*)

Tu1349.... CLINICAL UTILITY OF BASELINE IMPEDANCE MEASURED... (5\*)

Tu1350.... USEFULNESS OF MEAN NOCTURNAL BASELINE IMPEDANCE...

Tu1351.... DIAGNOSTIC ACCURACY OF THE ESOPHAGOGASTRIC JUNCTION... (5\*)

Tu1352.... MUCOSAL IMPEDANCE ENABLES ACCURATE DETECTION OF...

(7\*)|(3)|(Diversatek Healthcare, Inc. provided mucosal impedance balloons and Sandhill Scientific Insight Ultima System with Mucosal Impedance Software at no charge to perform this study., Diversatek Healthcare, Inc.

provided mucosal impedance balloons and Sandhill)

Tu1353.... DIETARY EVALUATION BEFORE AND DURING IMPEDANCE-PH... (5\*)

Tu1355.... ANALYSIS OF SYMPTOMS AND REFLUX PARAMETERS... (5\*)

Tu1356.... IS HIGH-RESOLUTION MANOMETRY USEFUL FOR... (5\*)

Tu1358.... A PHASE 3, NON-INFERIORITY RANDOMIZED CONTROLLED... (3\*)|(Daewoong Pharmaceutical)

Tu1359.... IN VITRO TOPICAL PROTECTION OF ESOPHAGEAL... (2\*)

Tu1360... RISK OF CANCER WITH USE OF... (5\*)

Tu1361.... NOVEL PHYSIOLOGICAL NOMOGRAM PREDICTS SYMPTOM OUTCOME... (5\*)

Tu1362....2-YEAR INTERIM ANALYSIS RESULTS OF VISION... (3\*)

Tu1363.... SAFETY AND EFFICACY OF AN IMPLANTABLE... (4\*)|(3)|(Torax Medical)

Tu1364.... VONOPRAZAN MAINTENANCE THERAPY IS MORE EFFECTIVE... (5\*)

Tu1365.... ACUTE EFFECT OF CURCUMINOID ON ESOPHAGEAL... (2\*)

Tu1366.... OESOPHAGEAL ADHESIVE PROPERTIES OF SODIUM ALGINATES... (3\*)|(4)|(Reckitt Benckiser, UK)

Tu1367.... THE EFFECTS OF CONTINUOUS POSITIVE AIRWAY... (5\*)

Tu1369.... CURRENT ESTIMATE OF PREVALENCE, CLINICAL CHARACTERISTICS... (3\*)|(Ironwood Pharmaceuticals)

Tu1370.... EFFICACY OF DA-5204 FOR GASTROESOPAGEAL REFLUX... (5\*)

Tu1371.... PPI DE-ESCALATION: DO SPECIALTY CLINICS PERFORM... (5\*)

Tu1372.... INFULUENCE OF DAILY OR ALTERNATE-DAY DOSING... (5\*)

Tu1373.... WHAT IS THE NEXT TREATMENT OPTION... (5\*)

Tu1374.... DOES GENDER PLAY A ROLE IN... (5\*)

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\* = Primary Source

Tu1375.... IS IT POSSIBLE TO WITHDRAW PPI... (5\*)

Tu1376.... UPPER ESOPHAGEAL SPHINCTER DYSFUNCTION ON FUNCTIONAL... (5\*)

Tu1377.... ESOPHAGEAL REMODELING MIGHT AFFECT THE PROGNOSIS... (5\*)

Tu1378.... EFFECTIVENESS OF NACETYLCYSTEINE ON THE TREATMENT... (5\*)

Tu1379.... FUNCTIONAL LUMEN IMAGING PROBE TOPOGRAPHY DETECTS... (5\*)

Tu1380.... ESOPHAGEAL PROVOCATIVE MANUEVERS ARE ASSOCIATED WITH... (4\*)

Tu1381.... GLOBAL CHANGES IN THE CORRELATION STRUCTURE...  $(2^*)$ 

Tu1382.... IS IT REALLY LARYNGOPHARYNGEAL REFLUX? LARYNGEAL... (5\*)

Tu1383.... EFFECT OF SWALLOW STRENGTH TRAINING ON... (2\*)

Tu1384.... RISK FACTORS FOR GASTROESOPHAGEAL REFLUX DISEASE... (5\*)

Tu1385.... ESOPHAGO-GASTRIC JUNCTION CONTRACTILE INTEGRAL (EGJ-CI) MAY... (4\*)

Tu1386.... USEFULNESS OF BARIUM ESOPHAGRAM WITH NEWLY... (5\*)

Tu1387.... ACUTE OPIOID ADMINISTRATION IS NOT ASSOCIATED... (5\*)

Tu1388.... PARTIAL OPIOID AGONIST ARE NOT ASSOCIATED... (5\*)

Tu1389.... THE CHALLENGES OF EGIOO, IS IT... (5\*)

Tu1390.... PREDICTORS OF FUNCTIONAL LUMINAL IMPEDANCE PLANIMETRY... (4\*)

Tu1391.... PREVALENCE OF ESOPHAGEAL DYSMOTILITY AND GASTROESOPHAGEAL... (5\*)

Tu1392.... PREVALANCE OF DYSPHAGIA FOLLOWING ROUX-EN-Y AND... (5\*)

Tu1393.... A REFLUX PHENOTYPE EXISTS IN PATIENTS... (5\*)

Tu1394....LOWER ESOPHAGEAL SPHINCTER AND PERISTALTIC PRESSURES... (5\*)

Tu1395.... COEXISTING ABNORMAL ESOPHAGEAL BODY MOTILITY PREDICTS... (5\*)

Tu1396.... BOLUS TRANSIT IN ESOPHAGOGASTRIC JUNCTION OUTFLOW... (5\*)

Tu1397.... CLINICAL, PSYCHOLOGICAL AND MANOMETRIC CHARACTERISTICS OF... (5\*)

Tu1398.... DELAYED ESOPHAGO-GASTRIC JUNCTION RELAXATION AND ELEVATED... (5\*)

Tu1399.... HIGH PROPORTIONS OF OBSTRUCTIVE PHENOTYPES WITHIN... (5\*)

Tu1400.... ABSENCE OF CONTRACTION RESERVE IN SEVERE... (5\*)

Tu1401.... EFFECT OF PERORAL ENDOSCOPIC MYOTOMY FOR... (5\*)

Tu1402.... UNINTENDED MYOTOMY OF THE CRURAL DIAPHRAGM... (5\*) Tu1403.... ACHALASIA, HYPERCONTRACTILE AND SPASTIC ESOPHAGEAL MOTILITY... (1\*)

Tu1404.... CIRCADIAN ALTERATIONS OF ESOPHAGEAL CONTRACTILITY IN... (1\*)

Tu1405.... ESOPHAGEAL AND GASTRIC MOTILITY ARE RELATED...
(1\*)

Tu1406.... VISCOUS BOLUS AND TRENDELENBURG POSITION ALLOW... (2\*)

Tu1407.... EFFECTS OF EXTERNAL NEURAL STIMULATION ON... (2\*)

Tu1408.... IMPEDANCE SIGNALS RECORDED DURING ESOPHAGEAL MANOMETRY... (2\*)

Tu1409.... IDENTIFYING CLINICAL PHENOTYPES OF HYPERCONTRACTILE ESOPHAGEAL... (2\*)

Tu1410....INFLUENCE OF PRUCALOPRIDE ON SILDENAFIL-INDUCED INHIBITION... (4\*)|(Ministry of Science and Technology, Taipei, Taiwan.)

Tu1411.... LEG ELEVATION
MANEUVER IMPROVES MEASURING
CONTRACTILE... (4\*)|(Hualien Tzu Chi

Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan.)

Tu1412.... IMPACT OF INEFFECTIVE ESOPHAGEAL MOTILITY ON...

(4\*)|(Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan)

**Tu1413.... ESOPHAGEAL ACID REFLUX BURDEN IN GERD...** (4\*)|(Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan)

Tu1414.... ARRHYTHMIC ESOPHAGEAL DEGLUTITION: OVEREXPRESSION AND... (2\*)

Tu1415.... STRENGTH TRAINING USING TECHNIQUE OF SWALLOWING... (2\*)

Tu1416.... STRENGTH TRAINING USING TECHNIQUE OF SWALLOWING... (2\*)

Tu1418.... ESOPHAGOGASTRIC JUNCTION-CONTRACTILE INTEGRAL FOR CLINICAL ASSESSMENT... (2\*)

Tu1419.... THE INFLUENCE OF CRURAL DIAPHRAGM ON... (5\*)

Tu1420.... UTILITY OF A NEW AUTOMATED ANALYSIS... (5\*)

Tu1421.... ESOPHAGOGASTRIC JUNCTION MORPHOLOGY AND CONTRACTILE INTEGRAL... (5\*)

Tu1422.... INCREASED INCIDENCE OF ALTERED COUPLING OF... (2\*)

Tu1423.... ABNORMALITIES OF DEGLUTITIVE PHARYNGEAL BIOMECHANICS NEGATIVELY... (2\*)

Tu1424.... EVALUATION OF DYSPHAGIA SYMPTOM ASSOCIATION WITH... (2\*)

Tu1425.... HIGH-RESOLUTION IMPEDANCE MANOMETRY PARAMETERS MAY IMPROVE... (2\*)

Tu1426.... HIGH RESOLUTION MANOMETRY IN UPRIGHT POSITION... (5\*)

Tu1427.... CHARACTERIZING THE PROXIMAL ESOPHAGEAL SEGMENT IN... (5\*)

Tu1428.... ACHALASIA PHENOTYPE IS ASSOCIATED WITH PREDICTABLE... (5\*)

Tu1429....A CONVOLUTIONAL NEURAL NETWORK ACCURATELY IDENTIFIES... (5\*)

Tu1430.... ESOPHAGEAL OUTFLOW RESISTANCE IN PARKINSON'S DISEASE... (5\*)

Tu1431.... RAPID DRINKING CHALLENGE EVALUATED BY HIGH-RESOLUTION... (5\*)

Tu1432.... THE VALUE OF REPEAT MANOMETRIC TESTING... (5\*)

Tu1433.... REGIONAL PHARYNGEAL CONTRACTILE INTEGRALS (PHCI)... (5\*)

Tu1435.... SUPRAGASTRIC BELCHING INDUCE RE-REFLUX DURING REFLUX... (4\*)

Tu1436.... IMPLEMENTATION AND ANALYSIS OF A 2-YEAR... (5\*)

Tu1437.... PERISTALTIC FUNCTION BUT NOT INTEGRATED SPHINCTER... (5\*)

Tu1438.... DEMOGRAPHIC AND GASTROINTESTINAL SYMPTOM CHARACTERISTICS OF... (4\*)

Tu1439.... ESOPHAGEAL DYSFUNCTION IS PREVALENT FOLLOWING LUNG... (5\*)

Tu1440.... EVALUATING THE IMPACT OF POSITION, VOLUME... (4\*)

Tu1441.... THE CLINICAL SYMPTOMS AND MANOMETRIC CHARACTERISTICS... (1\*)

Tu1442.... PREVALENCE AND CLINICAL SIGNIFICANCE OF ESOPHAGOGASTRIC... (5\*)

**Tu1443.... THE EFFECTS OF A NOVEL VISCOUS...** (6\*)|(This work was supported by a grant to Guofeng Xie from the Castell Foundation (Grant No. 10015806).)

Tu1444.... FACTORS ASSOCIATED WITH HIATAL HERNIA IN... (5\*)

Tu1445. . . . THE ROLE OF ABDOMINAL CT SCAN... (5\*)

Tu1446.... ROLE OF BROAD-SPECTRUM ANTIBIOTICS IN THE... (5\*)

Tu1448.... CHARACTERIZATION OF PATIENTS WHO SHOULD RECEIVE... (5\*)

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Tu1449.... GASTROINTESTINAL INFECTIONS IN CANCER PATIENTS WITH... (5\*)

Tu1450.... COMBINATION IMMUNOSUPPRESSIVE THERAPY POST-SOLID ORGAN TRANSPLANTATION... (5\*)

Tu1451.... THE DIAGNOSTIC VALUE OF FECAL CALPROTECTIN... (4\*)

Tu1452....ATYPICAL ENTEROPATHOGENIC E. COLI (EPEC) ISOLATES... (2\*)

Tu1453.... COMPARISON OF ENDOSCOPIC FEATURES, CLINICAL OUTCOME,... (5\*)

Tu1454.... MULTIPLEX GASTROINTESTINAL PATHOGEN PANELS ARE ASSOCIATED... (5\*)

Tu1455.... WHEAT AMYLASE TRYPSIN INHIBITORS (ATIS): ANALYSES... (4\*)

Tu1456.... MAST CELL-NERVE INTERACTIONS CORRELATE WITH BLOATING... (4\*)

Tu1457.... POTENTIAL ROLE OF TCRy $\delta$ + INTRAEPITHELIAL LYMPHOCYTES...  $(4^*)|(6)$ 

Tu1458.... IMPACT OF GERMINATION ON GLUTEN, AMYLASE... (4\*)

Tu1459.... SYMPTOMATIC AND ASYMPTOMATIC CELIAC DISEASE PATIENTS... (5\*)

Tu1460.... BIFIDOBACTERIUM INFANTIS NLS-SS SHIFTS FECAL MICROBIOTA... (5\*)

Tu1461.... INCREASED ERYTHROCYTE-BOUND IMMUNOGLOBULIN COMPLEXES IN CELIAC... (4\*)

Tu1462.... INTERLEUKIN(IL) 1-IL-6, TUMOR NECROSIS FACTOR #NAME?... (4\*)

Tu1463.... IN-VIVO ASSESSMENT OF CELIAC CLINICAL FORMULATION... (3\*)|(Innovate Biopharmaceuticals)

Tu1464.... NEO-EPITOPE TISSUE TRANSGLUTAMINASE IS THE BEST... (3\*)

Tu1465.... SEROREACTIVITY TO FIRMICUTES FLAGELLIN PRECEDES THE... (4\*)

Tu1466.... PREVALENCE OF INADEQUATE SEROLOGICAL CELIAC DISEASE... (5\*)

Tu1467.... INCREASED ENERGY EXPENDITURE AND REDUCED EXERCISE... (5\*)

Tu1468.... EXOCRINE PANCREATIC INSUFFICIENCY IS COMMON IN... (5\*)

Tu1469.... CHARACTERISTICS AND MATERNAL-FETAL OUTCOMES OF PREGNANT... (5\*)

Tu1470.... INCREASED RISK OF CELIAC DISEASE IN... (5\*)

Tu1471.... CELIAC-ASSOCIATED LIVER DYSFUNCTIONS: PREVALENCE AND CLINICOPATHOLOGIC... (5\*)

Tu1472.... FACING THE UNKNOWN: NAVIGATING CELIAC DISEASE... (5\*)

Tu1473.... NON-CELIAC GLUTEN SENSITIVITY CAN BE DIFFERENTIATED... (4\*)

Tu1474.... CAN HUMAN LEUKOCYTE ANTIGEN TYPING DIFFERENTIATE... (5\*)

Tu1475.... SMALL BOWEL MUCOSA ATROPHY IN A... (4\*)

Tu1476.... THE SIGNIFICANCE AND CLINICAL OUTCOME OF... (5\*)

Tu1477....LOW QUALITY DIET AND FOOD PATTERNS...  $(4^*)|(2)$ 

Tu1579.... THIRTY-DAY READMISSION AMONG PATIENTS WITH ALCOHOLIC... (5\*)

Tu1580.... ACUTE PANCREATITIS IN HISPANICS: SEVERITY, LENGTH... (5\*)

Tu1581.... BEYOND THE INDEX HOSPITALIZATION: CAN THE... (4\*)

Tu1582.... ACUTE PANCREATITIS IN PATIENTS WITH END... (5\*)

Tu1583.... EPIDEMIOLOGY AND RISK OF PANCREATITIS In... (5\*)

Tu1584.... OUTCOMES OF OPEN VS. LAPAROSCOPIC VS.... (5\*)

Tu1585.... NATIONWIDE TRENDS, PREVALENCE, DISPARITIES, AND OUTCOMES... (5\*)

Tu1586.... PROPHYLACTIC CYSTGASTROSTOMY PREVENTS LATE PERIPANCREATIC FLUID... (5\*) Tu1587.... CELIAC DISEASE ASSOCIATED WITH HIGHER RISK... (5\*)

Tu1588.... PROSPECTIVE STUDY OF RENAL ULTRASOUND AND... (4\*)

Tu1589.... PREDICTIVE FACTORS OF INTRA ABDOMINAL HYPERTENSION... (5\*)

Tu1590.... TRENDS IN THE MANAGEMENT OF ACUTE... (5\*)

Tu1591.... RED CELL DISTRIBUTION WIDTH (RDW) TO... (5\*)

Tu1592.... OBESITY AND NECROTIZING PANCREATITIS: INCIDENCE... (5\*)

Tu1593.... TRANSGASTRIC
DEBRIDEMENT IN NECROTIZING
PANCREATITIS: ENDOSCOPIC... (5\*)

Tu1594.... OVER 50% OF PATIENTS WITH ABDOMINAL... (5\*)

Tu1595.... THE PANCREATITIS ACTIVITY SCORING SYSTEM PREDICTS... (5\*)

Tu1596.... PRESENCE OF NECROSIS INCREASES THE ODDS... (5\*)

Tu1597.... PRIOR NSAID USE IS ASSOCIATED WITH... (5\*)

Tu1598.... INCIDENCE AND PREVALENCE OF ACUTE AND... (5\*)

Tu1599.... NATIONWIDE TRENDS IN CHOLECYSTECTOMY RATES AMONG... (5\*)

Tu1600.... QUALITY GAPS IN MANAGEMENT OF ACUTE... (5\*)

Tu1601.... OUTCOMES OF 126 HYPERTRIGLYCERIDEMIA-INDUCED ACUTE PANCREATITIS... (5\*)

Tu1602.... ACUTE PANCREATITIS
WITH COMORBID ANXIETY AND... (5\*)

Tu1603.... ASSOCIATION BETWEEN FASTING BREATH HYDROGEN LEVELS... (5\*)

**Tu1604.... DEVELOPMENT OF AN EUS CONVOLUTIONAL NEURAL...** (5\*)

Tu1605.... ROLE OF ENDOSCOPY IN PATIENTS WITH... (5\*)

Tu1606.... QUANTITATIVE EVALUATION OF TREATMENT EFFECT USING... (5\*)

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Tu1607.... CLINICAL USEFULNESS OF FDG-PET/CT FOR DIFFERENTIATION... (5\*)

Tu1608.... THE COMBINATION OF INTRAVENOUS FLUID AND... (5\*)

Tu1609.... METHODOLOGY OF PANCREATIC JUICE COLLECTION FROM... (5\*)

Tu1610.... ENDOSCOPIC ULTRASOUND (EUS)-GUIDED DRAINAGE OF PANCREATIC... (5\*)

Tu1611.... PREVALENCE TREND, HOSPITAL UTILIZATION, AND PREDICTORS... (5\*)

Tu1612.... FOXA2 EXPRESSION IS SIGNIFICANTLY ASSOCIATED WITH... (4\*)

Tu1613.... GERMLINE RET AND MAPT (TAU) MUTATIONS... (5\*)

Tu1614.... GENE CO-EXPRESSION NETWORK ANALYSIS OF PRECURSOR... (4\*)|(6)

Tu1615.... RISK FACTORS ASSOCIATED WITH FATTY PANCREAS:... (5\*)

Tu1616.... FAMILIAL PANCREATIC NEUROENDOCRINE TUMORS – ROLE... (5\*)

Tu1617.... RNASEQ ANALYSIS OF SEVENTEEN PANCREATITIS TPIAT... (2\*)

Tu1618.... VITAMIN D/VITAMIN D RECEPTOR AXIS DYSFUNCTION... (2\*)

Tu1619.... WATER AVOIDANCE STRESS PROMOTES MOUSE PANCREATIC... (4\*)

Tu1621.... ALTERD COMPOSITION OF GUT MICROBIOTA IN...  $(2^*)|(4)$ 

## Tu1634.... THE COMPLICATION RATE AND DOWNSTREAM PROCEDURE...

(5\*)|(3 of the authors are Medtronic employees. This was a Medicare database analysis. Medtronic employees assisted in converting clinical procedures instructed by physicians to the appropriate CPT and ICD-10 codes and in completing the SAS programming to extra)

Tu1635.... YIELD OF RADIOLOGIST RECOMMENDATION FOR HEPATOLOGY... (5\*)

Tu1636.... HYPOXIC HEPATITIS IS UNDERRECOGNIZED AND UNDERDIAGNOSED... (5\*)

Tu1637....LONGITUDINAL HCV CARE OF PREGNANT PATIENTS... (5\*)

Tu1638.... USEFULNESS OF ANTI-LKM-1 ANTIBODY TESTING IN... (5\*)

Tu1639.... EPIDEMIOLOGY AND RISK FACTORS OF CHOLANGIOCARCINOMA... (5\*)

Tu1640.... OVEREXPRESSION OF FOXM1 PREDICTS POORER SORAFENIB... (4\*)|(2)|(Ministry of Science and Technology, Taiwan Kaohsiung Medical University, Taiwan)

Tu1641.... OUTCOMES OF PATIENTS WITH HILAR CHOLANGIOCARCINOMA... (5\*)

**Tu1642.... QUANTITATIVE HEPATIC FUNCTION PREDICTS TIME TO...** (5\*)

Tu1643.... SEX, RACIAL AND ETHNIC DISPARITIES IN... (5\*)

Tu1644.... REVEALING THE MOLECULAR DRIVERS OF HEPATOBLASTOMA... (2\*)

Tu1645.... MIR-125B-5P CONFERS RESISTANCE TO SORAFENIB BY... (5\*)

Tu1646.... INCIDENCE AND MORTALITY TRENDS OF INTRAHEPATIC... (5\*)

Tu1647.... LONG TERM OUTCOMES OF SELF-EXPANDABLE METAL... (5\*)

Tu1648.... PROGNOSTIC IMPACT OF TYROSINE KINASE INHIBITOR... (1\*)

Tu1649.... MECHANISTIC STUDY OF COPPER-STIMULATED PROGRESSION OF... (5\*)

Tu1650.... EPIDEMIOLOGY AND PREVALENCE OF GALLBLADDER CANCER... (5\*)

Tu1651.... OUTCOMES OF PATIENTS WITH HEPATOCELLULAR CARCINOMA... (5\*)

Tu1652.... PREVALENCE AND MANAGEMENT OF GALLBLADDER CANCER... (5\*)

Tu1653.... THERAPEUTIC EFFICACY AND SAFETY OF LENVATINIB... (1\*)

Tu1751.... ANALGESIC EFFECTS OF VAGAL NERVE STIMULATION... (5\*)

Tu1752... EFFECT OF LIQUID AND SOLID TEST... (2\*)

Tu1753.... ASSOCIATIONS BETWEEN MOOD DISORDERS AND GASTRIC... (5\*)

Tu1754.... IMPAIRED DUODENAL MUCOSAL BARRIER FUNCTION CAUSES... (5\*)

Tu1755.... NATIONAL TRENDS IN READMISSION FOR CANNABINOID... (5\*)

Tu1756.... SMALL BOWEL TRANSIT ABNORMALITIES IN PATIENTS... (5\*)

Tu1757.... EFFECTS OF 4-WEEK CURCUMINOID ON CLINICAL... (2\*)

Tu1758.... EFFICACY OF TOPIRAMATE AS PROPHYLAXIS IN... (5\*)

**Tu1759....** EFFECT OF PROTON PUMP INHIBITOR On... (5\*)

Tu1760.... DUODENAL BILE SALTS AND MUCOSAL CHANGES... (4\*)

Tu1761.... DEVELOPMENT OF A MOTILITY FRAILTY INDEX... (5\*)

Tu1762.... IMPACT OF SLEEP IMPROVEMENT ON GASTROINTESTINAL... (5\*)

Tu1763.... A RECURRING COST OF CARE: EMERGENCY... (5\*)

**Tu1764.... NATIONAL ESTIMATES OF 30-DAY READMISSIONS AMONG...** (5\*)

Tu1765.... FUNCTIONAL DYSPEPSIA AND NON-CELIAC WHEAT SENSITIVITY:... (4\*)|(2)

Tu1766.... DISCRIMINATION OF PATIENTS WITH CHRONIC NAUSEA... (5\*)

Tu1768.... EFFICACY OF SUMATRIPTAN AS ABORTIVE TREATMENT... (5\*)

Tu1769.... HALOPERIDOL USE IN THE EMERGENCY DEPARTMENT... (5\*)

Tu1770.... RUMINATION SYNDROME: ASSESSMENT OF VAGAL TONE... (4\*)

Tu1771.... FACTORS IN ESTABLISHMENT OF ENTERAL AUTONOMY... (5\*)

Tu1772.... NAUSEA AND VOMITING SEVERITY IS ASSOCIATED... (5\*)

Tu1773.... ANTRAL EXPRESSION OF PROSTAGLANDIN E SYNTHASE... (1\*)

**Tu1774.... EVALUATION OF GASTRIC MOTOR FUNCTION IN...** (5\*)

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Tu1775.... SLEEP PARASOMNIAS ARE ASSOCIATED WITH AUTONOMIC... (2\*)

Tu1776.... MAGNETIC RESONANCE DEFECOGRAPHY IN CHILDREN AND... (5\*)

Tu1777.... PROSPECTIVE EVALUATION OF ANAL SPHINCTER BOTULINUM... (5\*)

Tu1778.... ROLE OF GLUCOSE BREATH TEST FOR... (5\*)

Tu1779.... IMPROVED FUNCTIONING PRECEDES IMPROVEMENT OF ABDOMINAL... (5\*)

Tu1780.... VASOACTIVE INTESTINAL PEPTIDE PLASMA CONCENTRATIONS IN... (5\*)

Tu1781....AKKERMANSIA MUCINIPHILA AND BIFIDOBACTERIUM BIFIDUM G9-1:... (5\*)

Tu1782.... YIELD AND PREDICTORS OF POSITIVE COLONIC... (5\*)

Tu1783.... EPIDERMAL GROWTH FACTOR RECEPTOR TYROSINE KINASE... (5\*)|(Tsumura & Co.)

Tu1784.... TYROSINE KINASE INHIBITORS THAT TARGET ERBBS... (2\*)

Tu1785.... EOSINOPHILIC COLITS IN CANCER PATIENTS ... (5\*)

Tu1786.... IMMUNE CHECKPOINT INHIBITOR-ASSOCIATED DIARRHEA AND COLITIS:... (5\*)

Tu1787.... THE STATUS AND RELATED FACTORS OF...  $(1^*)|(4)$ 

Tu1788.... CLINICAL CHARACTERISTICS AND TREATMENT DIFFERENCES BETWEEN... (5\*)

Tu1789.... INTESTINAL PERMEABILITY IN PATIENTS WITH FUNCTIONAL... (4\*)

Tu1790.... BIFIDOBACTERIUM LONGUM RELIEVES VISCERAL HYPERSENSITIVITY AND... (2\*)

Tu1791.... BIOMARKERS OF ELASTIN DEGRADATION DIFFERENTIATE BETWEEN... (5\*)

Tu1792.... BIOMARKERS OF ELASTIN DEGRADATION IS ASSOCIATED... (5\*)

Tu1793.... BILE ACID MALABSORPTION AND OUTCOMES AFTER... (4\*) **Tu1794.... DIARRHEA IN THE LUNG TRANSPLANT RECIPIENT:...** (5\*)

Tu1795.... A CLINIC-PATHOLOGICAL COMPARISON BETWEEN CROHNS' DISEASE... (4\*)

**Tu1796.... ALTERNATION OF GUT MICROBIOTA IN PATIENT...** (5\*)

Tu1797.... MANAGEMENT OF PATIENTS WITH HISTOLOGICALLY PROVEN... (5\*)

Tu1798.... EARLY-ONSET COLORECTAL ADENOCARCINOMA INCIDENCE RATES ARE... (5\*)

Tu1799.... RISK FACTORS FOR EARLY ONSET SPORADIC... (2\*)

Tu1800.... RISK FACTORS FOR EARLY ONSET SPORADIC... (2\*)

Tu1801.... METABOLIC SYNDROME: ARE CURRENT COLON CANCER... (2\*)

Tu1802.... VARIATION IN ESTIMATED COLORECTAL CANCER RISK... (5\*)

Tu1803.... PREVALENCE OF COLORECTAL NEOPLASIA IN PATIENTS... (5\*)

Tu1804.... THE MEAN AGE AT COLORECTAL CANCER... (5\*)

Tu1805.... THE RISK OF SECOND PRIMARY MALIGNANCY... (5\*)

Tu1806.... YOUNG ONSET COLORECTAL CANCER RISK AMONG...

Tu1807.... THE RISK OF EARLY-ONSET COLORECTAL CANCER... (5\*)

Tu1808.... EFFECT OF COMORBIDITIES ON RISK OF... (5\*)

Tu1809.... IS ORAL ANTICOAGULATION ASSOCIATED WITH IMPROVED... (5\*)

Tu1810.... COLORECTAL CANCER INCIDENCE AND MORTALITY... (2\*)|(4)

Tu1811.... DOES PROXIMITY TO TERTIARY REFERRAL CENTER... (5\*)

Tu1812.... DEVELOPMENT AND VALIDATION OF RISK PREDICTION... (2\*)|(7)

Tu1813....LONG-TERM INCIDENCE AND MORTALITY OF COLORECTAL... (2\*)|(7) Tu1814.... MULTI-CENTRE VALIDATION OF RISK STRATIFICATION FOR... (2\*)|(6)

Tu1815.... THE IMPACT OF DIVERTICULAR DISEASE ON... (5\*)

Tu1816.... THE IMPACT OF INFLAMMATORY BOWEL DISEASE... (5\*)

Tu1817.... THE LONG-TERM RISKS OF LOW-RISK ADENOMA,... (2\*)

Tu1818.... CAREFUL SELECTION OF BOTH POSITIVITY THRESHOLD... (3\*)|(4)|(Eiken Chemical Company.)

Tu1819.... COMPLEMENTARY HYPERMETHYLATED CTDNA BIOMARKERS FOR EARLY... (2\*)|(3)|(Clinical Genomics Pty Ltd)

Tu1820.... PATIENT CHARACTERISTICS AND MORTALITY ASSOCIATED WITH... (5\*)

Tu1821.... COLORECTAL CANCER (CRC) IN THE YOUNG:... (5\*)

Tu1822.... HIGHER IMPACT ON CLINICAL OUTCOMES FROM... (3\*)|(Exact Sciences)

Tu1823.... MOBILE MESSENGERS-INITIATED REMINDERS IMPROVES COMPLIANCE IN... (6\*)

**Tu1825.... MEDIA COVERAGE OF THE AMERICAN CANCER...** (5\*)

Tu1826.... EVALUATION OF EFFECTIVENESS AND COST-EFFECTIVENESS OF... (4\*)

Tu1827.... THE ASSOCIATION OF PATIENTS' PERCEPTION OF... (5\*)

Tu1828.... OFFERING A BLOOD TEST INCREASES COLORECTAL... (3\*)|(7)|(Epigenomics)

Tu1829.... EFFECT OF ANTITHROMBOTIC THERAPY ON DIAGNOSIS... (5\*)

Tu1830.... IS THE COLORECTAL CANCER SCREENING GUIDELINE... (5\*)

Tu1831.... BARRIERS TO COLONOSCOPIC FOLLOW UP AFTER... (4\*)

Tu1832.... GROWING SURVIVAL DISPARITIES AMONGST ASIAN ETHNICITIES... (5\*)

Tu1833.... CDH1 GENE MUTATIONS PREDISPOSE PATIENTS TO... (2\*)

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Tu1834.... INCIDENCE AND ANATOMICAL DISTRIBUTION OF COLORECTAL... (5\*)

Tu1835.... UTILITY OF FECAL IMMUNOCHEMICAL TEST (FIT)... (5\*)

Tu1836.... TUMOR AREA AND MICROSCOPIC EXTENT OF... (3\*)|(GRAIL Inc)

Tu1837.... HIGH SEDATION REQUIREMENTS FOR PATIENTS AGES... (5\*)

Tu1838.... COLORECTAL CANCER SCREENING: ADDING RISK PROFILING... (5\*)|(NIL)

Tu1839.... CLINICOPATHOLOGICAL CHARACTERIZATION AND SURVIVAL OUTCOME OF... (5\*)

Tu1840.... THE EFFECT OF DIRECT-ACTING ORAL ANTICOAGULANTS... (5\*)

Tu1841.... FREQUENCY OF SIGNS AND SYMPTOMS PRECEDING... (5\*)

Tu1842.... GEOGRAPHIC DISPATITIES OF YOUNG ONSET COLORECTAL... (5\*)

Tu1843.... INCREASED RISK OF ADVANCED COLONIC ADENOMAS... (5\*)

Tu1844.... CHANGING EPIDEMIOLOGY OF COLORECTAL CANCER RELATED... (5\*)

Tu1845.... COMPARATIVE EFFECTIVENESS OF SURVEILLANCE COLONOSCOPY TIMING... (2\*)

Tu1846.... PHASE 2A PROOF OF CONCEPT PLACEBO... (3\*)|(ABIVAX)

Tu1847.... THE IMPACT OF COGNITIVE BEHAVIORAL MINDFULNESS... (6\*)

Tu1848.... EFFICACY OF USTEKINUMAB FOR ULCERATIVE COLITIS... (3\*)|(This study was funded by Janssen Research & Development, LLC.)

**Tu1849.... HISTOLOGIC REMISSION AND MUCOSAL HEALING IN...** (3\*)|(The study was funded by Eli Lilly and Company.)

Tu1850.... DOSE ESCALATION OF UPADACITINIB IN CROHN'S... (3\*)|(AbbVie, Inc.)

Tu1851.... CORTICOSTEROID SPARING EFFECTS OF USTEKINUMAB THERAPY... (3\*)|(This study was funded by Janssen Research & Development, LLC) Tu1852.... PHARMACOKINETICS AND PHARMACODYNAMICS OF OPL-002, A... (3\*)|(Oppilan Pharma)

**Tu1853....SUSTAINED REDUCTION OF IL-23 RELATED CYTOKINES...** (3\*)|(The study was funded by Eli Lilly and Company.)

Tu1854.... MIRIKIZUMAB REGULATES GENES INVOLVED IN ANTI-TNF... (3\*)|(The study was funded by Eli Lilly and Company)

Tu1855.... EFFICACY AND SAFETY OF ESCALATION TO... (3\*)|(Pfizer Inc)

**Tu1856.... THE EFFECT OF TOFACITINIB ON SERUM...** (3\*)|(Pfizer Inc)

Tu1857.... TOFACITINIB, AN ORAL, SMALL MOLECULE JANUS... (3\*)|(Pfizer Inc)

Tu1858.... ASSESSMENT OF AGE AS A RISK... (3\*)|(Pfizer Inc)

Tu1859.... CLINICAL AND MOLECULAR CHARACTERIZATION OF PATIENTS... (3\*)|(This study was funded by Janssen Research & Development, LLC)

Tu1860.... ASSOCIATION OF HISTOLOGIC-ENDOSCOPIC MUCOSAL HEALING AFTER... (3\*)|(This study was funded by Janssen Research & Development, LLC)

Tu1861.... A RANDOMIZED, OBSERVER-BLINDED PHASE IB MULTIPLE,... (3\*)|(Sponsored by Genentech, Inc.)

Tu1862.... BI 695501 DEMONSTRATES SIMILAR EFFICACY AND... (3\*)|(Boehringer Ingelheim)

Tu1863.... TRANSCRIPTIONAL AND MICROBIAL BIOMARKERS OF RESPONSE... (3\*)|(Pfizer Inc)

**Tu1864...** ENDOSCOPIC RESPONSE TO INDUCTION WITH USTEKINUMAB... (3\*)|(This study was supported by Janssen)

Tu1865.... VEDOLIZUMAB TREATMENT PERSISTENCE AND SAFETY IN... (3\*)|Takeda)

Tu1866.... EFFICACY AND SAFETY OF AN ADDITIONAL... (3\*)|(Pfizer Inc)

Tu1867.... EFFICACY OF TOFACITINIB DOSE ESCALATION TO... (3\*)|(Pfizer Inc)

Tu1868.... THE EFFECT OF TOFACITINIB ON EXTRAINTESTINAL... (3\*)|(Pfizer Inc)

Tu1869.... TIME TO LOSS OF EFFICACY AMONG... (3\*)|Pfizer Inc)

Tu1870.... C-REACTIVE PROTEIN LEVELS AND PARTIAL MAYO... (3\*)|(Pfizer Inc)

Tu1871.... THE CONCORDANCE OF SHORT FORM-36 HEALTH... (3\*)|(Pfizer Inc)|

Tu1872.... IDENTIFICATION OF BIOMARKERS AND MECHANISTIC INSIGHT... (3\*)|(AbbVie, Inc.)

Tu1873....LONG-TERM SAFETY AND EFFICACY OF RISANKIZUMAB... (3\*)|(AbbVie Inc.)

**Tu1874.... MAINTENANCE OF REMISSION WITH TOFACITINIB IN...** (3\*)|(Pfizer Inc)

Tu1875.... IMPACT OF DISEASE DURATION ON TOFACITINIB... (3\*)|(Pfizer Inc)

Tu1876.... A PILOT DOUBLE-BLIND RANDOMIZED CONTROLLED TRIAL... (2\*)|(6)|(Supported by grants from the CIHR Institute of Nutrition, Metabolism and Diabetes (INMD), the Canadian Association of Gastroenterology (CAG), AbbVie Canada and Crohn's and Colitis Canada (CCC). Vitamin D was provided in kind by Euro-Pharm International)

**Tu1877.... EVALUATION OF CLINICAL RELATIONSHIP BETWEEN FECAL...** (3\*)|(Celltrion, Inc.)

Tu1878.... FILGOTINIB DECREASES MOLECULAR MARKERS OF JAK1... (3\*)|(Gilead Sciences, Inc.)

Tu1879.... EFFICACY AND SAFETY OF LONG-TERM TREATMENT... (3\*)|(This study was funded by Janssen Research & Development, LLC)

Tu1880.... EFFECTS OF THE JANUS KINASE (JAK1)-SELECTIVE...
(3\*)|(Sponsored by Gilead Sciences, Inc.)

Tu1881.... SAFETY, PHARMACOKINETICS AND IMMUNE MODULATORY PROPERTIES... (3\*)

Tu1882.... GB004, A NOVEL PROLYL HYDROXYLASE... (3\*)|(Gossamer Bio, Inc)

Tu1883.... HIGHER TROUGH GOLIMUMAB LEVELS ARE ASSOCIATED... (3\*)|(GOAL-ARC is

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supported as an investigator initiated study by MSD and Thermo Fisher Scientific)

Tu1884.... DIAGNOSTIC ACCURACY OF RECTAL BLEEDING AND... (3\*)|(Pfizer Inc)

Tu1885... EFFICACY OF USTEKINUMAB FOR ULCERATIVE COLITIS... (3\*)|(This study was funded by Janssen Research & Development, LLC.)

Tu1886.... DOSE ADJUSTMENT IN PATIENTS WITH MODERATE...

(3\*)|(This study was funded by Janssen Research & Development, LLC.)

**Tu1887....IMPACT OF MIRIKIZUMAB TREATMENT ON HEALTH-RELATED...** (3\*)|(This study has been funded by Eli Lilly and Company.)

**Tu1888.... EARLY AND SUSTAINED IMPROVEMENT IN STOOL...** (3\*)|(The study was funded by Eli Lilly and Company.)

Tu1889.... UPADACITINIB WAS NOT ASSOCIATED WITH ANAEMIA... (3\*)|(AbbVie, Inc.)

Tu1890.... THE EFFICACY AND SAFETY OF ADALIMUMAB... (3\*)|(Abbvie)

Tu1891.... RISK OF LATE POST-OPERATIVE RECURRENCE OF... (5\*)

Tu1892.... TOFACITINIB FOR ULCERATIVE COLITIS: RESULTS OF... (1\*)

Tu1893.... REAL WORLD EFFECTIVENESS OF TOFACITINIB FOR... (5\*)

Tu1894.... IMPACT OF DISCONTINUING THIOPURINES AT ANTI-TNF...  $(4^*)|(2)$ 

Tu1895.... TOFACITINIB INDUCES CLINICAL AND ENDOSCOPIC REMISSION... (5\*)

Tu1896.... TOFACITINIB IS SAFE AND EFFECTIVE AS... (5\*)

Tu1897.... PORTAL VEIN TRHOMBOSIS IS A RISK... (5\*)

Tu1898.... EXCLUSIVE ENTERAL NUTRITION WITH A POLYMERIC... (5\*)

Tu1899.... REAL-WORLD EFFECTIVENESS AND SAFETY OF TOFACITINIB... (4\*)|(7)

Tu1900.... A PHARMACOKINETIC (PK) AND SAFETY STUDY... (3\*)|Enterome)

Tu1901.... NON-ADHERENCE TO MAINTENANCE MEDICATIONS IN PREGNANT... (2\*)

Tu1902.... COMPREHENSIVE REGISTERED DIETICIAN ASSESSMENT IN THE... (4\*)

Tu1903.... EVALUATION OF POTENTIAL MECHANISMS UNDERLYING THE... (3\*)|(Gilead Sciences, Inc.)

Tu1904.... USE OF MYCOPHENOLATE MOFETIL IN INFLAMMATORY... (5\*)

Tu1905.... CANNABIS EFFECT ON INPATIENT DISEASE OUTCOMES... (4\*)

Tu1906.... PREVALENCE AND ASSOCIATION OF CANNABIS USE... (5\*)

Tu1907.... EFFICACY INCLUDING RAPID RESPONSE AND... (4\*)

Tu1908.... EFFECT OF FIBER-BASED ENTERAL FEEDS ON...  $(2^*)|(4)$ 

**Tu1909....IMPACT OF FECAL MICROBIOTA TRANSPLANTATION ON...**(3\*)|(4)|(This study was primarily funded as an investigator initiated study by Finch Therapeutics)

Tu1910.... SUBJECTS ON A GLUTEN-FREE DIET HAVE... (6\*)

Tu1911.... THE EFFECT OF A PLANT-BASED DIET...  $(2^*)$ 

Tu1912.... NUTRIENT-DEPENDENT PHYSIOLOGICAL AND PROTEOMIC ANALYSIS OF... (2\*)

Tu1913.... ROLE OF DIETARY AND NON-DIGESTIBLE CARBOHYDRATES... (2\*)

Tu1914.... THE SMALL INTESTINAL MICROBIOME IN OBESITY... (6\*)

Tu1915.... MICROBIOTA-MEDIATED EFFECTS OF DIETARY FIBER ON...  $(2^*)|(4)$ 

Tu1916.... CURDLAN FEEDING IN MICE IMPROVES DSS... (2\*)

Tu1917.... PRANDIAL DIETARY ZINC INTAKE AFFECT DEVELOPMENT... (2\*)

Tu1918.... THE INFLUENCE OF WALNUT CONSUMPTION ON... (6\*)

Tu1919.... A NOVEL INTEGRATED IN VIVO/ EX... (2\*)|(3)|(Lantmännen Research Foundation)

Tu1920.... ASSOCIATION BETWEEN DIETARY FAT INTAKE AND... (6\*)|(2)

Tu1921.... THE INTERPLAY BETWEEN GUT MICROBIOTA AND... (5\*)

Tu1922.... DIET SIGNIFICANTLY ALTERS ENTEROHEPATIC RECIRCULATION OF... (4\*)|(2)

Tu1923.... SPIRULINA PLATENSIS ALLEVIATE CHRONIC LOW-GRADE INFLAMMATORY... (5\*)

**Tu1924.... CHANGES IN THE GUT MICROBIOTA AND...** (4\*)

Tu1925.... SEX- AND COLORECTAL CANCER-ASSOCIATED CHANGES IN... (4\*)

Tu1926.... MICROBIAL DIGESTION OF XANTHAN GUM IN... (2\*)

Tu1927.... THE EFFECTS OF CAROTENOID INGESTION ON... (2\*)

Tu1928.... STREPTOCOCCUS SP. VT\_162 MRNAS TARGETS CONTRIBUTES... (2\*)

Tu1929.... ANTIMICROBIAL RESISTANCE GENE BURDEN DECREASES OVER... (2\*)

Tu1930.... FECAL LIPIDOMICS ANALYSIS OF THE NEONATAL... (2\*)

Tu1931....LACTOBACILLUS-CONTAINING PROBIOTICS ARE ASSOCIATED WITH CHANGES... (6\*)

Tu1932.... THE DOSE-RESPONSE RELATION BETWEEN A FIBER... (5\*)|(Tsumura & Co.)

Tu1933.... THE CHALLENGES IN DEVELOPING A FAECAL... (4\*)

Tu1934.... SALIVARY AND STOOL MICROBIOTA DIFFERENCES ARE... (2\*)

Tu1935.... DOES THE USE OF ANGIOTENSIN RECEPTOR... (5\*)

Tu1936.... PATIENT PERSPECTIVES ON THE LONG-TERM MANAGEMENT... (2\*)

Tu1937.... PATIENT WILLINGNESS TO PARTICIPATE IN CELIAC... (5\*)

Tu1938.... PROBIOTICS FOR CELIAC DISEASE: A SYSTEMATIC... (5\*)

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Tu1939.... IS A MULTIVITAMIN SUFFICIENT TO MEET... (5\*)

Tu1940.... PREVALENCE OF OBESITY IN PATIENTS WITH... (5\*)

Tu1941.... SELF-REPORTED NON-CELIAC GLUTEN SENSITIVITY IN KOREAN... (5\*)

Tu1942.... COMPARISON OF PARENTAL GLUTEN-FREE DIET KNOWLEDGE... (6\*)

Tu1943.... REFERRAL FOR DIETARY INTERVENTION FOR CELIAC... (5\*)

Tu1944.... A GASTROENTEROLOGIST SUPERVISED BEHAVIORAL WEIGHT MANAGEMENT... (5\*)

Tu1945.... FREQUENCY OF OBESITY COUNSELING BY PHYSICIANS... (5\*)

Tu1946.... USE OF A NOVEL VIRTUAL HEALTH...  $(5^*)$ 

Tu1947.... IMPACT OF A CHILDCARE CENTER-BASED OBESITY... (2\*)

Tu1948.... TRENDS IN OBESITY SELF-AWARENESS AMONG OBESE... (5\*)

Tu1949.... GLOBAL, REGIONAL AND TIME-TREND PREVALENCE OF... (4\*)

Tu1950.... OBESE MINORITIES HAVE HIGHER HOSPITALIZATION RATES... (5\*)

Tu1951.... AUTOPHAGY DYSFUNCTION THROUGH HEPATIC BCL-2 OVEREXPRESSION... (3\*)|(Tsumura & Co.)

Tu1952.... DEFINING THE ROLE OF INTESTINE-SPECIFIC FFA2... (4\*)

Tu1954.... IMMEDIATE POSTOPERATIVE COMPLICATION REASON FOR READMISSION... (5\*)

Tu1955.... CALCIUM-SENSING RECEPTOR REGULATES INTESTINAL DIPEPTIDE ABSORPTION... (2\*)|(National Natural Science

Foundation of China (NSFC))

Tu1957.... ANOREXIA NERVOSA CARE PATHWAY. THE ROAD... (5\*)

Tu1958.... CONTINUOUS DECREASE OF THE MYOBLAST DETERMINATION... (3\*)

Tu1959.... INTESTINAL ELECTRICAL STIMULATION FOR TREATING DIABETES:... (2\*)

Tu1960.... COST EFFECTIVENESS OF OFFERING UNSEDATED COLONOSCOPY... (5\*)

Tu1961.... WHEN TO FORGO ENDOSCOPY IN FAVOR... (5\*)

Tu1962.... VISITATION WITH A GASTROENTEROLOGIST AND PATIENT... (4\*)

Tu1963.... SINGLE-USE
DUODENOSCOPES FOR ERCP: A COSTEFFECTIVE... (5\*)|(Boston Scientific reimbursed funds to purchase a 1-year license for the Treeage Decision analysis software used to build and analyze the economic model. The presenting author, Ananya Das, MD is a teaching and research consultant with Boston Scientific.)

Tu1964.... USABILITY OF A NOVEL DISPOSABLE ENDOSCOPE... (2\*)

Tu1965.... GASTROINTESTINAL ENDOSCOPY CAPACITY IN EAST AFRICA:... (5\*)

Tu1966.... ANAESTHETIC SUPPORT TO PERFORM COLONOSCOPY: WHEN IS... (5\*)

Tu1967.... RATE OF GASTROINTESTINAL ENDOSCOPY USE AND...  $(2^*)$ 

Tu1968.... TO SCOPE OR NOT TO SCOPE?... (4\*)

Tu1969.... IMPROVING QUALITY OF UPPER ENDOSCOPY AMONG... (4\*)

Tu1970.... MACHINE LEARNING CAN IMPROVE ESTIMATION OF... (5\*)

Tu1971.... A NOVEL AND EFFICIENT METHOD USING... (5\*)

Tu1972.... POSITIVE MULTI-TARGET STOOL DNA TEST AND... (5\*)

Tu1973.... AUTOMATED DIGITAL PATIENT NAVIGATION PROGRAM IMPROVES... (5\*)

**Tu1974.... EVALUATING THE NUMBER NEEDED TO SCREEN...** (3\*)|(Guardant Health)

Tu1975.... INCIDENCE OF INADEQUATE ENDOSCOPIC ASSESSMENT AND... (5\*)

Tu1976.... MISINFORMING THE PUBLIC: PREDICTORS OF FACTUAL... (5\*)

Tu1977.... CHARACTERIZATION OF UNPLANNED HOSPITAL VISITS AFTER... (5\*)

Tu1978.... WHERE DO WE GO FROM HERE?... (5\*)

Tu1979.... FACTORS ASSOCIATED WITH DELAYS IN INPATIENT... (5\*)

Tu1980.... SHORT TERM CARDIOVASCULAR COMPLICATIONS RELATED TO... (5\*)

Tu1981.... ASSOCIATION MODELING BETWEEN PATIENTS' AGE AND... (5\*)

Tu1982.... COMPARISON BETWEEN SPLIT-DOSE AND SINGLE-DOSE POLYETHYLENE... (5\*)

Tu1983.... COMPARING THE IMPACT OF MORTALITY DATA... (5\*)

Tu1984.... COMPARING THE REAL-WORLD EFFECTIVENESS OF 4L... (1\*)

Tu1985.... A PATIENT-DRIVEN APPROACH TO IMPROVING THE... (4\*)

Tu1986.... OPEN ACCESS COLONOSCOPY: AN UNDERUTILIZED PROGRAM... (5\*)

**Tu1987.... THE IMPACT OF A 2 LITER...** (5\*)

Tu1988.... TELEPHONE TRIAGE TO 'STRAIGHT TO TEST' (TSTT)... (5\*)

Tu1989.... PRE-COLONOSCOPY BOSTON BOWEL PREPARATION SCORE ASSESSMENT... (5\*)

Tu1990.... MACHINE LEARNING MODELS FOR PREDICTING NAFLD... (5\*)

Tu1991.... ANALYSIS OF ERCP IMAGE USING ARTIFICAL-INTELLIGENCE... (5\*)

Tu1992.... NEEDLE-BASED CONFOCAL LASER ENDOMICROSCOPY (NCLE) FOR... (5\*)

Tu1993.... PERCUTANEOUS TRANSHEPATIC GALLBLADDER DRAINAGE FACILITATES TRANSPAPILLARY... (5\*)

Tu1994.... FACTORS RELATED TO THE IMAGE CLEANLINESS... (1\*)

Tu1995.... PILOT STUDY TO IDENTIFY PREDICTORS OF... (1\*)

Tu1996.... NON-INVASIVE BREATH TEST SCREENING TO ASSESS... (2\*)

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Tu1997.... UPPER GI TRACT BIOPSY USING AN... (6\*)

Tu1998.... PREDICTORS OF LOCATION, SIZE AND NUMBER... (5\*)

Tu1999.... WIZARDY OF CHROMATIC HANDS- SAVING THE... (5\*)

Tu2000.... RISK OF METACHRONOUS ADVANCED NEOPLASTIC LESIONS... (5\*)

**Tu2001.... A NOVEL PANEL OF 92 BLOOD-BASED...** (4\*)|(6)

Tu2002.... DOES THE 330° VIEWING ANGLE COLONOSCOPE... (5\*)

Tu2003.... ESTABLISHING NEED FOR SERRATED POLYP DETECTION... (0\*)

Tu2004.... APPLICATION OF COMPUTATIONAL FLUID DYNAMICS To...  $(4^*)$ 

Tu2005.... DUODENAL UNDERWATER ENDOSCOPIC MUCOSAL RESECTION IS... (5\*)

Tu2006.... EVALUATION OF PERFORMANCE IN COLON CAPSULE... (5\*)

Tu2007.... OUTCOMES OF PHARMACOLOGIC VENOUS THROMBOEMBOLISM PROPHYLAXIS... (5\*)

Tu2008.... SYSTEMATIC REVIEW AND META-ANALYSIS OF DECOMPRESSION... (5\*)

Tu2009.... IMMUNOHISTOCHEMISTRY EXPRESSION OF CYTOKINES FOR DIAGNOSING... (4\*)

Tu2010.... HEALTH RELATED QUALITY OF LIFE AND... (5\*)

Tu2011.... GASTRIC VERSUS ESOPHAGEAL BUTTON BATTERY INGESTIONS... (4\*)

Tu2012.... CAREGIVERS KNOWLEDGE ATTITUDE AND PRACTICES On... (5\*)

Tu2013.... EOSINOPHILIC ESOPHAGITIS IN NON-CAUCASIANS: A UNIQUE... (5\*)

Tu2014.... LYMPHANGIOGRAPHY AS A DIAGNOSTIC AND THERAPEUTIC... (5\*)

Tu2015.... GASTROINTESTINAL AND HEPATIC MANIFESTATIONS OF PTEN... (5\*)

Tu2016.... HIRSCHSPRUNG'S DISEASE IN PATIENTS WITH CONGENITAL... (5\*)

Tu2060....LONG-TERM SAFETY OF THE SEQUENTIAL USE... (5\*)