

VANCOUVER, BC • 2007



INTERNATIONAL ACADEMY OF CARDIOLOGY

13th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2007

VANCOUVER, BC, CANADA, JULY 28-31, 2007



PROGRAM

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Dear Friend and Colleague,

On behalf of the Organizing Committee, it is my great pleasure to welcome you to Vancouver and to the 13th World Congress on Heart Disease - International Academy of Cardiology, Annual Scientific Sessions 2007.

The Congress has been designed to provide an innovative and comprehensive overview of the latest research developments in cardiovascular medicine, primarily in the areas of molecular biology, coronary artery disease, heart failure, cardiac arrhythmias and cardiac surgery.

Many distinguished cardiologists and scientists have joined the faculty and will take part in this Congress. Papers will be presented in the form of plenary sessions, symposia and posters and will include superb scientific material that was carefully selected by the Scientific Abstract Review committee from over 900 abstracts submitted for presentation at the meeting. These studies, originating from laboratories in 57 countries, assure that the meeting will be a major scientific event.

We would like to express our thanks to the pharmaceutical and manufacturing industry for their generous support, to Target Conferences for their excellent arrangements in all aspects of the Congress, to our dedicated staff, colleagues, friends and families for their untiring help, support and advice in planning and arranging this meeting.

We hope that you will enjoy the Congress and that your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding. We also hope and trust that you will enjoy your visit to the very beautiful and exciting city of Vancouver, in July 2007.

Yours sincerely,

Asher Kimchi, MD
Chairman



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GENERAL INFORMATION

VENUE AND HEADQUARTERS HOTEL

The Hyatt Regency Vancouver is the venue and headquarters hotel of the 13th World Congress on Heart Disease.

655 Burrard Street, Vancouver, BC, V6C 2R7, Canada
Tel: +1 604 683 1234; Fax: +1 604 689 3707

LANGUAGE

The official language of the Congress is English.

REGISTRATION DESK

The Registration Desk will operate as follows:

Saturday, July 28, 2007	16:00 - 20:00 hours
Sunday, July 29, 2007	08:00 - 18:00 hours
Monday, July 30, 2007	08:00 - 18:00 hours
Tuesday, July 31, 2007	08:00 - 14:00 hours

PROJECTION EQUIPMENT

Please bring your **Powerpoint** (or any other computer) presentation on a CD or on a memory stick (using the USB port in the computer).

A **Speaker Ready Room** will be available everyday from 7:30 am till end of sessions.

Please load your presentation onto one of the Congress computers provided in the Speaker Ready Room, at least 1 hour before the start of your assigned session.

You may supply your own laptop computer as back-up.

The computers provided by the Congress in the session halls are equipped with Windows XP and Office XP.

Important note for Macintosh users!

If using a Macintosh laptop computer, please note that you must provide your own computer and **confirm that it has a VGA socket** for external signal. On arrival at the Congress please check your computer in the Speaker Ready Room and again in the session hall where your lecture will take place, at least 1 hour before the start of your session.

Please note that video projection, 35 mm' slide projection and overhead projection will not be available!



GENERAL INFORMATION (cont'd)

POSTER PRESENTATIONS

Please see the program for the exact date of your poster presentation. Presenters must put up their posters by 08:30 if presenting in the morning session, on the relevant day of their presentation and remove them by 12:30. If presenting in the afternoon session, posters should be put up by 14:00 and dismantled by 18:00 on the same day.

PLEASE NOTE: The Congress Organizers are not responsible for posters that have not been removed / collected by the end of designated sessions.

Please make yourself available next to your poster during coffee and lunch breaks to answer possible questions.

EXHIBITION

An exhibition will take place during the Congress and will be open as follows:

Saturday, July 28, 2007	18:30 - 20:00 hours
Sunday, July 29, 2007	10:00 - 17:00 hours
Monday, July 30, 2007	10:00 - 17:00 hours
Tuesday, July 31, 2007	10:00 - 13:00 hours

ATTENDANCE CERTIFICATES

An attendance certificate will be provided upon request for participants who need proof of attendance for income tax or other purposes.

GET-TOGETHER RECEPTION

Registered participants are invited to the Get-Together Reception, which will take place in the Exhibition Area of the Hyatt Regency Vancouver on Saturday, July 28 at 18:30 hours.

FAREWELL DINNER (Optional)

Tickets for the Farewell Dinner, Monday, July 30, 2007 at 20:00, may be purchased at the Registration Desk for US\$ 80 per person, no later than noon on Sunday, July 29, 2007. Please note that the number of seats are limited and will be sold on a "first come first served" basis.

INSURANCE

The Congress Secretariat and Organizers cannot accept liability for personal accidents or loss of, or damage to, private property of participants, students and accompanying persons, either during or indirectly arising from the 13th World Congress on Heart Disease. Participants should make their own arrangements with respect to health and travel insurance.



INTERNATIONAL ACADEMY OF CARDIOLOGY
13th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2007

16

GENERAL INFORMATION (cont'd)

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Beverly Hills, CA 90209, USA
Tel: +1 310 657 8777; Fax: +1 310 659 4781
E-mail: klimedco@ucla.edu
Website: www.CardiologyOnline.com

ORGANIZERS

CARDIOLOGY ONLINE

PO Box 17659
Beverly Hills, CA 90209, USA
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SOCIAL PROGRAM

SATURDAY, JULY 28, 2007

GET -TOGETHER RECEPTION

18:30 – 20:00

Get-Together Reception in the Exhibition Area of the Hyatt Regency Vancouver at 18:30.

MONDAY, JULY 30 2007

FAREWELL DINNER (Optional)

20:00

Tickets for the Farewell Dinner may be purchased at the Registration Desk for US\$ 80 per person. Please note that the number of seats are limited and will be sold on a “first come first served” basis.



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INTERNATIONAL ACADEMY OF CARDIOLOGY

13th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2007

VANCOUVER, BC, CANADA, JULY 28-31, 2007

**SCIENTIFIC
PROGRAM**

Sunday, July 29, 2007

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the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion.

There are a number of reasons for this. One is that the population of the world is growing. Another is that the number of people who are illiterate is increasing in many of the developing countries. This is because of a number of factors, including a lack of access to education, a lack of resources, and a lack of political will.

One of the main reasons for the increase in illiteracy is the lack of access to education. In many developing countries, there are not enough schools, and the quality of education is poor. This means that many children do not go to school, and those who do often do not learn to read and write.

Another reason for the increase in illiteracy is the lack of resources. In many developing countries, there is a lack of money to invest in education. This means that there are not enough teachers, and the schools are often overcrowded. This makes it difficult for children to learn.

A third reason for the increase in illiteracy is the lack of political will. In many developing countries, the government does not prioritize education. This means that there is not enough money spent on education, and the quality of education is poor. This makes it difficult for children to learn.

There are a number of ways to reduce the number of illiterate people in the world. One way is to increase access to education. This can be done by building more schools, and by improving the quality of education. Another way is to increase resources for education. This can be done by increasing the amount of money spent on education, and by recruiting more teachers.

Finally, it is important to have political will to prioritize education. This means that the government should spend more money on education, and should make it a priority. This will help to reduce the number of illiterate people in the world.

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SUNDAY, JULY 29, 2007

09:00 - 10:15

Hall A

OC:

OPENING CEREMONY

Chairperson: **J.S. Borer**, New York, NY, USA

GREETINGS

Asher Kimchi, USA

Founder and Chairman

International Academy of Cardiology

13th World Congress on Heart Disease

Jeffrey S. Borer, USA

Chairman, Scientific Executive Committee

Chairman, Section of Valvular Heart Disease

International Academy of Cardiology

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Naranjan S. Dhalla, Canada

Member, Scientific Executive Committee

Chairman, Section of Cellular Biology of the Heart

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Uri Elkayam, USA

Member, Scientific Executive Committee

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International Academy of Cardiology

13th World Congress on Heart Disease

PRESENTATION OF 2007 AWARDS

Jeffrey S. Borer, USA

09:35 - 10:15

Hall A

OL:

OPENING LECTURE – SECOND H.J.C. SWAN MEMORIAL LECTURE

Chairperson: **U. Elkayam**, Los Angeles, CA, USA

09:35

INTRODUCTION

Abstract No.

U. Elkayam, Los Angeles, CA, USA

09:40

HOW BEST TO IDENTIFY PATIENTS AT RISK FOR SUDDEN
CARDIAC DEATH (Invited Lecture)

106

M.E. Cain, University at Buffalo, Buffalo, NY, USA

10:15

COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 29, 2007

10:45 – 13:30		Hall A
PL01:	Plenary Session CARDIAC REPAIR AND REGENERATION	
	Chairpersons: J.D. Marsh , Little Rock, AR, USA T. Toyo-oka , Sendai, Japan	Abstract No.
10:45	STEM CELLS AND VASCULAR DISEASES (Invited Lecture) Q. Xu , Cardiovascular Division, King's College London, London, UK	1
11:00	LONG-LASTING PLASTICITY OF SLOW-TWITCH SKELETAL MYOBLASTS FOR SELECTIVE ENGRAFTMENT AND FUNCTIONAL IMPROVEMENT OF FAILING HEART (Invited Lecture) T. Toyo-oka , A. Tezuka, T. Kawada, M. Nakazawa, F. Masui, S. Konno, S. Nitta Tokyo University, Hospital, & TUBERO, Sendai, Japan	2
11:15	MODIFICATION OF CARDIOVASCULAR ION CHANNELS BY GENE THERAPY (Invited Lecture) J.D. Marsh , University of Arkansas for Medical Sciences, Little Rock, AR, USA	3
11:30	HUMAN CARDIOMYOCYTE PROGENITOR CELLS DIFFERENTIATE INTO FUNCTIONAL CARDIOMYOCYTES <i>IN VITRO</i> (Invited Lecture) M-J.Goumans, T.P. de Boer, A.M. Smits, L.W. van Laake, J.P.G. Sluijter, P. van Vliet, M.A.G. van der Heyden, G. Pasterkamp, C. L. Mummery, T.A.B. van Veen, P.A. Doevendans University Medical Center, Heidelberglaan, The Interuniversity Cardiology Institute of the Netherlands, Utrecht, The Netherlands	4
11:45	UNLOCKING THE MYSTERIES THAT GOVERN VASCULAR CELL LIFE AND CELL LONGEVITY (Invited Lecture) K. Maiese , Z.Z. Chong, Wayne State University, Detroit, MI, USA	5
12:00	SKELETAL MYOBLASTS FOR CHRONIC HEART FAILURE (Invited Lecture) P.C. Smits , Medisch Centrum Rijnmond Zuid, Rotterdam, The Netherlands	6
12:15	LABELING OF STEM CELLS FOR NONINVASIVE DELIVERY AND TRACKING IN CARDIOVASCULAR REGENERATIVE THERAPY (Invited Lecture) D. Kraitchman , Johns Hopkins University, Baltimore, MD, USA	7
12:30	MYOCARDIAL RESTORATION WITH STEM CELLS AND BIOARTIFICIAL TISSUES; PANDORA'S BOX ON THE SCALE (Invited Lecture) T. Kofidis , National University of Singapore, Singapore	8
12:45	NOVEL ENDOGENOUS MYOCARDIAL REPAIR STRATEGIES FOR THE TREATMENT OF HEART FAILURE (Invited Lecture) Y.J. Woo , University of Pennsylvania, Philadelphia, PA, USA	9
13:00	SYSTEMIC INFLAMMATORY CHANGES AND PROGENITOR CELL MOBILIZATION IN ACUTE MYOCARDIAL INFARCTION (Invited Lecture) I. Ott , Deutsches Herzzentrum, Munich, Germany	10
13:15	REGULABLE GENE EXPRESSION SYSTEM FOR ISCHEMIC MYOCARDIUM W. Zhang , L.P. Su, L. Ye, E. Sim, National Heart Center, Singapore	11
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2007

10:45 – 12:30

Hall B

PL02:	Plenary Session TREATMENT OF CAROTID STENOSIS AND PERIPHERAL VASCULAR DISEASE	
	Chairpersons: G.A. Stouffer , Chapel Hill, NC, USA T. Tomaru , Sakura City, Japan	Abstract No.
10:45	EMBOLIC PROTECTION DURING CAROTID STENTING WITH THE NEW FIBERNET DEVICE (Invited Lecture) H. Sievert , J. Franke, C.Bauer, V.Woerner, N. Wunderlich, K. Mathias, J. Schofer, CardioVascular Center Frankfurt, Germany, Washington Hospital DC, USA	12
11:00	APPLICATION OF ANGIOSCOPY FOR DIAGNOSIS AND TREATMENT OF VENOUS THROMBOEMBOLISM (Invited Lecture) T. Tomaru , Toho University Sakura Hospital, Chiba, Japan	13
11:15	NEW INSIGHTS INTO PERIPHERAL ARTERIAL DISEASE (Invited Lecture) M.H. Criqui , University of California, SD, La Jolla, CA, USA	14
11:30	THE CHANGING PARADIGM OF RENAL ARTERY STENOSIS (Invited Lecture) A. Pathak, M. Rojas, G.A. Stouffer , University of North Carolina, Chapel Hill, NC, USA	15
11:45	INTER-RELATIONSHIP OF CORONARY ARTERY DISEASE AND PERIPHERAL ARTERIAL DISEASE (Invited Lecture) V. Mathew , Mayo Clinic, Rochester, MN, USA	16
12:00	CAROTID ANGIOPLASTY UNDER PROTECTION. LIMITATIONS. NEW DEVELOPMENTS (Invited Lecture) M. Henry , A. Polydorou, I. Henry, A. Polydorou, M. Hugel Cabinet de Cardiologie, Nancy, France	17
12:15	VASCULAR ACCESS MANAGEMENT IN PERIPHERAL VASCULAR INTERVENTIONS: RESULTS OF THE BOOMERANG 610 STUDY D.E. Allie , V.G. Ramaiah, R.G. Smalling, R. Patlola, C.J. Hebert, B.S. Weinstock, C.M. Walker, Cardiovascular Institute of the South, Lafayette, LA, USA	20
12:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2007

10:45 – 13:30

Hall C

PL03	Session	
	PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME	
	Chairpersons: N.S. Dhalla , Winnipeg, MB, Canada F.G. Spinale , Charleston, SC, USA	
		Abstract No.
10:45	BENEFICIAL EFFECTS OF SARPOGRELATE (AN ANTIPLATELET AGENT) IN CONGESTIVE HEART FAILURE (Invited Lecture) N.S. Dhalla , S.K. Sanganalmath, St. Boniface General Hospital Research Centre, Winnipeg, Canada	21
11:00	DIFFERENTIAL MATRIX METALLOPROTEINASE PROTEOMIC PROFILING IN PATIENTS AT RISK FOR HEART FAILURE: DIAGNOSTIC AND PROGNOSTIC IMPLICATIONS (Invited Lecture) F.G. Spinale , Medical University of South Carolina, Charleston, SC, USA	22
11:15	PLEIOTROPIC EFFECTS OF CARDIAC DRUGS AND INTERVENTIONS ON THE EXTRACELLULAR COLLAGEN MATRIX: THE GOOD, BAD AND UGLY (Invited Lecture) B.I. Jugdutt , University of Alberta, Edmonton, Alberta, Canada	23
11:30	HEAT SHOCK PROTEIN 60 IN HEART FAILURE: FRIEND OR FOE? (Invited Lecture) L. Lin, S.C. Kim, S. Gupta, S.I. Simon, A.A. Knowlton University of California, Davis, VA Medical Center, Sacramento, CA, USA	24
11:45	NATRIURETIC PEPTIDES IN THE APPROACH TO HEART FAILURE (Invited Lecture) P. Bettencourt , Unidade Cuidados Intermedios Medicina Hospital, Lisbon, Portugal	25
12:00	SERIAL BIOMARKER MEASUREMENTS (TROPONIN T AND B-TYPE NATRIURETIC PEPTIDE) IN AMBULATORY PATIENTS WITH CHRONIC HEART FAILURE--WHAT HAPPENS OVER TIME (Invited Lecture) W.L. Miller , K.A. Hartman, D.E. Grill, J.C. Burnett, A.S. Jaffe Mayo Clinic, Rochester, MN, USA	26
12:15	RISK ASSESSMENT IN HEART FAILURE (Invited Lecture) J. Butler , Emory University, Atlanta, GA, USA	27
12:30	CAN NT-PROBNP LEVELS HELP PREVENT CARDIOVASCULAR DISEASE (Invited Lecture) D.J. Campbell , M. Woodward, J.P. Chalmers, S.A. Colman, A.J. Jenkins, B.E. Kemp, A. Patel, B.C. Neal, S.W. MacMahon, St. Vincent's Institute of Medical Research, University of Melbourne, Fitzroy, Victoria, Australia	28
12:45	OBESITY AND HEART FAILURE: EPIDEMIOLOGICAL CONFUSION AND DIAGNOSTIC DILEMMAS (Invited Lecture) H. Dokainish , Baylor College of Medicine, Houston, TX, USA	29
13:00	MEASURING THE QUALITY OF HEART FAILURE CARE (Invited Lecture) P.A. Heidenreich , Palo Alto VA Health Care System, Palo Alto, CA, USA	30
13:15	CHRONIC APELIN ADMINISTRATION PREVENTS THE DEVELOPMENT OF LV REMODELING AND DYSFUNCTION IN RATS WITH HEART FAILURE Y. Iwanaga , Y. Tamaki, T. Kita, Kyoto University, Kyoto, Japan	31
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

SUNDAY, JULY 29, 2007

10:45 – 13:30

Hall D

S51:	Session ATHEROSCLEROSIS: PRIMARY PREVENTION, DIABETES MELLITUS, OBESITY, METABOLIC SYNDROME	
	Chairpersons: H. Lazar , Boston, MA, USA N.D. Wong , Irvine, CA, USA	Abstract No.
10:45	ACUTE CORONARY SYNDROMES AND DIABETES: IS INTENSIVE LIPID LOWERING BENEFICIAL? RESULTS OF THE PROVE IT –TIMI 22 TRIAL S. Ahmed , C.P. Cannon, S.A. Murphy, E. Braunwald Sunnybrook Health Sciences Centre, University of Toronto, Canada	32
11:00	ROLE OF CALRETICULIN IN INDUCING ENDOTHELIAL CELLS DYSFUNCTION IN DIABETES Y. Riahi , H. Totary-Jain, S. Sasson, Hebrew University of Jerusalem, Israel	33
11:15	HEME OXYGENASE-1 (HO-1) INHIBITS THE DEVELOPMENT OF MYOCARDIAL DYSFUNCTION IN STREPTOZOTOCIN-INDUCED DIABETIC CARDIOMYOPATHY IN MOUSE S. Kiuchi , T. Morita, T. Suzuki, Y. Yamagishi, J. Tatebe, J. Yamasaki Toho University, Japan	34
11:30	IMPACT OF DIABETES ON DISPARITIES IN THE DECLINE OF CARDIOVASCULAR DEATH RATES: US, 1993 AND 2003 J. Fang , M.H. Alderman, C. Ayala, N.L. Keenan, J.B. Croft Division for Heart Disease and Stroke, CDC, Atlanta, GA, USA	35
11:45	GENDER SPECIFIC PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN LATIN AMERICA: RESULTS FROM LASO L.E. Bautista , V.M. Herrera, J.P. Casas, M. Orostegui, N. Schapochnik, C. Ferreccio, L. Rosero, R. Pichardo, J.R. Sanchez, E. Silva University of Wisconsin, Madison, WI, USA	36
12:00	PREDICTING CHD/IHD DEATH: METABOLIC SYNDROME VS. FRAMINGHAM SCORE: THE RANCHO BERNARDO STUDY E. Barrett-Connor , H. Araneta University of California, San Diego, La Jolla, CA, USA	37
12:15	ASSOCIATIONS OF BLOOD LEVELS OF INSULIN-LIKE GROWTH FACTOR (IGF)-I, IGF-II AND IGF-BINDING PROTEIN (IGFBP)-3 WITH CORONARY HEART DISEASE IN ARAB SUBJECTS K. Kapila , A.O. Akanji, Faculty of Medicine, Kuwait University, Kuwait	38
12:30	EFFECT OF ROSIGLITAZONE TREATMENT ON POSTPRANDIAL ENDOTHELIAL DYSFUNCTION INDICES IN PATIENTS WITH TYPE 2 DIABETES S. Pastromas, S. Koulouris , D. Sakellariou, G. Ioannidis, D. Tyousoulis, N. Zakopoulos, A. Nikou, Ch. Stefanadis, A.S. Manolis Evangelismos General Hospital Athens, Greece	39
12:45	MODERATE OR SEVERE RENAL INSUFFICIENCY IS ASSOCIATED WITH 3-VESSEL CORONARY ARTERY DISEASE O. Khalique , W.I.S. Aronow, C. Ahn, M. Mazar, B. Schair, J. Shao, V. Channamsetty, New York Medical College, Valhalla, NY, USA	40

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10:45 – 13:30	S51 (cont.)	Hall D
		Abstract No.
13:00	ACUTE OUTCOME AND LONG-TERM RESULTS OF CAROTID STENTING UP TO 11 YEARS: A COMPARISON OF DIABETIC AND NON-DIABETIC PATIENTS J. Franke , V. Woerner, C. Bauer, S. Ghasemzadeh-Asl, M. Koch, C. Thomalske, U. Oetjen, P. Schneider, N. Wunderlich, H. Sievert CardioVascular Center Frankfurt, Germany	41
13:15	EPICARDIAL ADIPOSE TISSUE IS RELATED TO CAROTID INTIMA-MEDIA THICKNESS AND VISCERAL ADIPOSITY IN HIV- INFECTED PATIENTS WITH HIGHLY ACTIVE ANTIRETROVIRAL THERAPY- ASSOCIATED METABOLIC SYNDROME G. Iacobellis, A.M. Pellicelli, B. Grisorio, G. Barbarini , A.M. Sharma, G. Barbaro, Policlinico S.Matteo, Pavia, Italy	42
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	



P101 **Poster Session**
ECHOCARDIOGRAPHY

Board No.		Abstract No.
1	EVALUATION OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION USING SPECKLE TRACKING ECHOCARDIOGRAPHY T.T. Phan , G.N. Shivu, K. Abozguia, M. Frenneaux, University of Birmingham, UK	44
2	SPONTANEOUS RETRACTION OF AN INTRAMYOCARDIAL DISSECTING HEMORRHAGE AND MULTIPLE LEFT VENTRICULAR THROMBUS FORMATIONS IN SUBACUTE MYOCARDIAL INFARCTION AND ANTIPHOSPHOLIPID SYNDROME: A CASE REPORT WITH LONG-TERM FOLLOW-UP E. Bahlmann , C. Schneider, L. Vitali Serdoz, M. Hoffmann-Riem, T. Broemel, K.H. Kuck, AK St. Georg, Hamburg, Germany	45
3	LEFT ATRIAL VOLUME INDEX RESPONSE DURING DOBUTAMINE STRESS E.S. Tucay , R.E. Cuyco, R.D. Jara, N.D. Erquiza Phillippine Heart Center, Quezon City, Philippines	46
4	TRANSTHORACIC DOPPLER DIASTOLIC BLOOD FLOW CHARACTERISTICS IN THE MID LEFT ANTERIOR DESCENDING CORONARY ARTERY AS MARKERS OF ITS PROXIMAL OR MID OBSTRUCTIVE STENOSES A.A. Boshchenko , A.V. Vrublevsky, R.S. Karpov Cardiology Research Institute, Tomsk, Russia	47
5	PREVALENCE OF LEFT VENTRICULAR DIASTOLIC ASYNCHRONY IN PATIENTS WITH SYSTOLIC HEART FAILURE M. Esmaeilzadeh , H. Saadatifar, M. Maleki, A. Mohebbi, S.Z.M. Ojaghi Haghighi, A. Sadeghpour, N. Samiei, F. Noohi Shaheed Rajaie Heart Center, Tehran, Iran	48
6	DETECTION OF CORONARY ARTERY DISEASE BY DOBUTAMINE STRESS TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN PATIENTS WITH AORTIC STENOSIS T.S. Siddiqui , B. Dawn, R. Lewis, A. Makkar, M.F. Stoddard University of Louisville, KY, USA	49
7	UTILITY OF PREOPERATIVE BARIATRIC ECHOCARDIOGRAPHY IN PATIENTS UNDERGOING BARIATRIC SURGERY D. Malhotra , S. Doddamani, D.M. Spevack Montefiore Medical Center, New York, NY, USA	50

P102	Poster Session NUCLEAR CARDIOLOGY	Abstract No.
Board No.		
8	<p>IS THE PROGNOSTIC SIGNIFICANCE OF A NORMAL TECHNETIUM-99M STRESS MYOCARDIAL PERFUSION (MYOVIEV™) STUDY AFFECTED BY RACE? A. Kaviya, K. Abdel-Aziz, M. Avison, R.A. Smith, M. Das, D.S. Bulugahapitiya Bradford Royal Infirmary, Bradford, UK</p>	51
9	<p>IMPAIRED MYOCARDIAL VASODILATATION DURING HYPERAEMIC STRESS WITH DIPYRIDAMOLE CAN BE IMPROVED BY SIMVASTATIN BUT NOT BY PRAVASTATIN IN PATIENTS WITH HYPERCHOLESTEROLEMIA I. Yokoyama, Y. Inoue, T. Moritan, K. Ohtomo, R. Nagai International University of Health and Welfare Sanno Hospital Tokyo, Japan</p>	52 48
P103	Poster Session MOLECULAR CARDIOLOGY, BASIC RESEARCH I	
10	<p>P21-ACTIVATED KINASE-2 INTEGRATES SIGNALING CROSSTALK BETWEEN AMPK-ALPHA2 AND P42/44MAPK TO MODULATE CHOLESTEROL HOMEOSTASIS H.M. Wang, W. Huang, K.D. Mehta The Ohio State University College of Medicine, Columbus, OH, USA</p>	53
11	<p>FORKHEAD TRANSCRIPTION FACTOR, FOXO3A REGULATES CYR61 LEADING TO INHIBITION OF NEOINTIMAL HYPERPLASIA H.Y. Lee, B.H. Oh, H.J. Kang, K.W. Park, H.S. Kim Seoul National University Hospital, South Korea</p>	54
12	<p>ATRIAL-RADIOFREQUENCY CATHETER ABLATION INDUCED FOCAL IMMIGRATION OF MESENCHYMAL STROMAL CELLS P.A. Schweizer, U. Krause, M. Koenen, J. Zehelein University of Heidelberg, Heidelberg, Germany</p>	55
13	<p>DIFFERENTIAL REGULATION OF STRETCH-ACTIVATED ANP RELEASE BY CHLORIDE CHANNELS G.Y. Bai, J.H. Han, K.Yuan, W.H. Park, S.Z. Kim, S.H. Kim Chonbuk National University, Jeonju, Korea</p>	56
14	<p>INTERACTION OF TYPE 1 NKT AND HELPER T CELLS WITH AUTOLOGOUS HUMAN PLAQUE-DERIVED VASCULAR SMOOTH MUSCLE CELL IN ATHEROSCLEROTIC ABDOMINAL AORTIC ANEURYSM W.L. Chan, N. Pejnovic, H. Hamilton, T.V. Liew, D. Popadic, A. Poggi, S.M. Khan, Queen Mary University London, UK</p>	57
15	<p>TIME COURSE OF CSE EXPRESSION AND ITS CATALYZING ACTIVITY IN RAT MODEL OF MYOCARDIAL ISCHEMIA-REPERFUSION Y.L. Fu, P.K. Moore, Y.Z. Zhu, National University of Singapore, Singapore</p>	58

08:30 – 12:30	P103 (cont.)	Poster Hall
Board No.		Abstract No.
16	EFFECT OF HIGH FAT/HIGH CHOLESTEROL DIET ON ATP BINDING CASSETTE TRANSPORTER A1 AND LIVER X RECEPTOR ALFA EXPRESSION IN MINIPIGS C.K. Tang , X.R. Hao, D.L. Cao, Y.W. Hu, X.X. Li Nanhua University, Hengyang, Hunan, China	59
17	INTERACTION BETWEEN HYDROGEN SULFIDE (H ₂ S) AND NITRIC OXIDE (NO) DURING THE PROCESS OF MYOCARDIAL ISCHEMIA IN RAT C.Q. Chen, Y.C. Zhu, Y.Z. Zhu , Fu Dan University, Shanghai, PR. China	60
P104	Poster Session BIOCHEMICAL MARKERS OF ACUTE ISCHEMIA	
18	PLASMINOGEN ACTIVATOR INHIBITOR-1 AND INFLAMMATORY MARKERS IN ACUTE MYOCARDIAL INFARCTION WITH SHOCK M.N. Akkus, G. Polat, M. Yurtdas, B. Akcay , N. Ercetin, D. Cicek, O. Doven Mersin University, Mersin, Turkey	61
19	TROPONIN, "HOW HIGH IS TOO HIGH?", AND CUMULATIVE VALUE OF BIOMARKERS IN PREDICTING SHORT TERM MORTALITY A. Khaja , S. Gosavi, K. Aggarwal, University of Missouri Columbia, MO, USA	62
20	THE ADAPTIVE IMMUNE SYSTEM AND LONG-TERM OUTCOME IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE: PREDICTIVE VALUE OF ROUTINE LABORATORY MEASUREMENTS A. Niessner , S. Graf, M. Nikfardjam, S. Lehr, G. Maurer, J. Wojta, K. Huber Medical University of Vienna, Austria	63
21	DOES LEUKOCYTOSIS PREDICT RECURRENT ISCHEMIC EVENTS AFTER CORONARY ARTERY BYPASS GRAFT SURGERY? F. Rashidi , A. Rashdi, M. Kheiri, A. Ashrafizadeh, P. Jamshidi Zanjan University of Medical Science, Zanjan, Iran	64
P105	Poster Session MYOCARDIAL STUNNING, HIBERNATION AND PRECONDITIONING	
22	ISCHAEMIC POSTCONDITIONING, UNDERLYING SIGNALLING MECHANISMS Y. Nishino, A.I. Ahmed , I. Webb, D. Alessi, M. Marber Rayne Institute, King's College London, London, UK	65

P106		Poster Session	
		THE PLAQUE AND ACUTE CORONARY SYNDROMES	
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23	THE SYNERGISTIC EFFECTS OF STATINS AND APOA-I AS ANTI-INFLAMMATORY COMPOUNDS B. Yekta , M. Navab, A.M. Fogelman, S. Hama, G. Hough UCLA, Los Angeles, CA, USA		66
24	A STUDY OF THE OXIDATIVE STRESS AND ANTIOXIDANT ENZYMES IN ACUTE CORONARY SYNDROMES R. Avasthi , B.K.Ram, B.D. Banerjee, R.Sharma UCMS & GTB Hospital, Delhi, India		67
25	EVALUATION OF STATINS IN DECREASING THE EARLY MORTALITY AND MORBIDITY OF ACUTE CORONARY SYNDROME (A RANDOMIZED DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL) A. Shahmohammadi Mousavi , M. Peighambari, N. Zafaranloo, L. Zahedi, Shaheed Rajaie Cardiovascular Medical and Research Center, Tehran, Iran		68
P107		Poster Session	
		ACUTE MYOCARDIAL INFARCTION: THROMBOLYSIS AND REPERFUSION	
26	IMPACT OF PERCUSURGE DEVICE CONJUGATIVE WITH NITROPRUSSIDE ON NO-REFLOW DURING PRIMARY CORONARY INTERVENTION A.A. Youssef , C.J. Wu, H.K. Yip Suez Canal University Hospital, Ismailia, Egypt		69
27	NON-INVASIVE LOW FREQUENCY VIBRATION AS A POTENTIAL EMERGENCY ADJUNCTIVE TREATMENT FOR HEART ATTACK AND STROKE. AN IN-VITRO FLOW MODEL. F.G. Yohannes, A.K. Hoffmann , RDCS, Royal Columbian Hospital, New Westminster, BC, Canada		70
28	ACUTE HYPERGLYCEMIA DURING ISCHEMIA EXACERBATES MI/R INJURY AND ABOLISHES CARDIOPROTECTIVE EFFECTS OF GIK H. Su, X. Sun, H.F. Zhang, C. Huang, X.M. Wang, H.C. Wang, F. Gao Xijing Hospital, FMMU, Xi'an, China		71
29	GENDER DIFFERENCE IN THROMBOLYTIC THERAPY M.H. Akbar , A. Barzigar, H. Jamali, M.Sahabi, M.R. Barzigar, Q. Rahbari Rasht, Guilan Medical University, Iran		72

P108

Poster Session

DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES

Board No.		Abstract No.
30	COMMUNITY HOSPITAL EXPERIENCE WITH TAKOTSUBO SYNDROME IN 38 PATIENTS WITH TWO YEAR FOLLOW UP A. Gupta , R.J. Lundstrom Kaiser Permanente Medical Center, Santa Clara, CA, USA	73
31	PREVALENCE OF CARDIAC TROPONIN I AUTOANTIBODIES IN NORMAL BLOOD DONOR AND TROPONIN POSITIVE PLASMA SAMPLES M. Adamczyk , R.J. Brashear, P.G. Mattingly Abbott Laboratories, Abbott Park Illinois, USA	74
32	PATHOGENESIS OF CHRONIC CHAGAS HEART DISEASE J.A. Marin-Neto , E. Cunha-Neto, B.C. Maciel, M.V. Simoes University of Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil	75
33	SOME FACTORS OF LONG-TERM PROGNOSIS IMPROVEMENT IN PATIENTS WITH DILATED CARDIOMYOPATHY K.A. Nadaraia, N.N Kipshidze , M.A. Rogava, National Center of Therapy, Tbilisi, Georgia	76
34	GLOBAL CARDIOVASCULAR RISK IN PATIENTS WITH HIV INFECTION: CONCORDANCE AND DIFFERENCES IN ESTIMATES ACCORDING TO THREE RISK EQUATIONS (FRAMINGHAM, SCORE AND PROCAM) J. Pedro-Botet , H. Knobel, A. Guelar, P. Saballs, Hospital del Mar, Barcelona, Spain	77
35	ECG IN THE MANAGEMENT OF PATIENTS WITH CONGESTIVE HEART FAILURE J. Madias , Mount Sinai School of Medicine of the New York/Cardiology Division, Elmhurst Hospital Center, USA	78
36	EVALUATION OF LONG-TERM OUTCOME OF VIRAL AND IDIOPATHIC DILATED CARDIOMYOPATHY N.N. Kipshidze , K.A. Nadaraia, National Center of Therapy, Tbilisi, Georgia	79
37	CIRCULATING TENASCIN-C LEVELS ARE INCREASED IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY N. Aso , A. Tamura, J. Kadota, Oita University, Yufa, Oita, Japan	80
38	CARDIOTROPIC AND HEPATOTROPIC VIRUSES IN THE MORPHOFUNCTIONAL AND CLINICAL PICTURE OF DILATED CARDIOMYOPATHY M.A. Rogava, T.T. Bochorishvili , National Center of Therapy, Tbilisi, Georgia	81

P109 RENAL ASPECTS - DIURETICS

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39	THE EFFECT OF RENAL TRANSPLANTATION ON DISPERSION OF VENTRICULAR REPOLARIZATION S. Khosropanah , S. Minaie, Shiraz University, Iran	82
40	PREVENTION OF RADIOCONTRAST-INDUCED NEPHROPATHY AFTER CARDIAC ANGIOGRAPHY WITH N-ACETYLCYSTEINE C.H. Hsu , H.W. Chang, J.D. Lee, P.H. Lo, J.J. Lin, H.T.Chou China Medical University Hospital, Taichung, Taiwan	83
41	RELATION BETWEEN STENOSIS OF CORONARY AND RENAL ARTERIES M. Ebrahimi , M.R. Abolfazli, E. Shafighi, Mashhad University of Medical Sciences, Mashhad, Iran	84
42	TARGETED RENAL THERAPY FOR THE PREVENTION OF CONTRAST-INDUCED NEPHROPATHY: THE BE-RITE REGISTRY D.E. Allie , B. Wiechmann, P. Teirstein, G. Weisz, M. Cohen, B.S. Weinstock, C.M. Walker, Cardiovascular Institute of the South, Lafayette, LA, USA	85

**P110 Poster Session
SUDDEN DEATH**

43	PREDICTORS OF OUTCOMES OF CARDIOPULMONARY RESUSCITATION: DATA FROM SIRIRAJ CPR REGISTRY R. Krittayahong , P. Saengsung, T. Chawaruechai, S.Udompunturak Siriraj Hospital, Mahidol University, Bangkok, Thailand	86
44	PREVALENCE OF BRUGADA ECG IN PATIENTS REFERRED FOR STRESS ECHOCARDIOGRAPHY A. Gitig , J. Fisher, R.J. Ostfeld, D.M. Spevack Montefiore Medical Center, New York, NY, USA	87
45	CARDIAC ARREST OF VISITORS WITHIN HOSPITAL PUBLIC AREAS: UTSTEIN BASED TRENDS & OUTCOMES R.J. Jones , B.D. Adams, San Antonio Uniformed Services Health Education Consortium, San Antonio, TX, USA	88

**P111 Poster Session
ELECTROPHYSIOLOGIC TECHNIQUES OF MAPPING AND RADIOFREQUENCY ABLATION**

46	MAD HONEY INTOXICATION: 1 YEAR EXPERIENCE A. Uslu, M.O. Levent, E. Okuyan , Serife Baci State Hospital, Kastamonu, Turkey	89
47	IDIOPATHIC LEFT VENTRICULAR TACHYCARDIA H.R. Bonakdar , M. Tayyebi, Z. Emkanjoo, A. Alizadeh, M.V. Jorat, S. Sadr-Ameli, Rajaie Cardiovascular Medical Center, Tehran, Iran	90

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08:30 – 12:30	P111 (cont.)	Poster Hall
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48	<p>ELECTROCARDIOGRAPHIC CHARACTERISTICS OF PATIENTS WITH EBSTEIN'S ANOMALY BEFORE AND AFTER ABLATION OF AN ACCESSORY ATRIOVENTRICULAR PATHWAY P. Iturralde, S. Nava, G. Salica, A. Medeiros, M. Marquez, L. Colin, D. Victoria, A. De Micheli, M. Gonzalez, National Institute of Cardiology "Ignacio Chavez", Mexico City, Mexico</p>	91
49	<p>PACEMAPPING OF KOCH'S TRIANGLE AVOIDS AV BLOCK DURING ABLATION OF AVN RT P. Delise, N. Sitta, L. Coro, M. Fantinel, A. Bonso, R. Mantovan, R. Verlato, F. Zoppo, D. D'Este, E. Marras Divisions of Cardiology, Hospitals of Conegliano, Italy</p>	92
P112	Poster Session	
	INTERVENTIONAL CARDIOLOGY	
50	<p>CIRCADIAN VARIATION OF SYMPTOMATIC SUBACUTE STENT THROMBOSIS AFTER BARE-METAL STENT IMPLANTATION A. Tamura, T. Watanabe, K. Nagase, T. Nakaishi, N. Aso, Y. Kawano, Y. Abe, H. Zaizen, S. Yano, J. Kadota, Oita University, Yufu, Japan</p>	93
51	<p>CLINICAL FEASIBILITY AND ANGIOGRAPHIC FOLLOW-UP OF ENDOVASCULAR STENT-GRAFT FOR TYPE B DISSECTION. EXPERIENCE OF A SINGLE CENTER IN BRAZIL A.G. Daige, R.G. Wanderley, R.B. Favero, L.E. Pereira, I.S. Nunes, L.Z. Kanashiro, C.L. Albernaz, Santa Casa, Campo Grande, MS, Brazil</p>	94
52	<p>NEW DISTAL EMBOLIC PROTECTION DEVICE USING A 3 DIMENSIONAL FILTER. FIBERNET: 1ST CAROTID HUMAN STUDY M. Henry, A. Polydorou, I. Henry, A. Polydorou, M. Hugel, Cabinet de Cardiologie, Nancy, France</p>	95
53	<p>EXAMINATION OF SEX AS AN INDEPENDENT RISK FACTOR FOR ADVERSE EVENTS AFTER CAROTID ENDARTERECTOMY N.L. Harthun, G.L. Kongable, A.J. Baglioni, T.D. Meakem, I.L. Kron University of Virginia, Charlottesville, VA, USA</p>	96
54	<p>ACUTE AND LONG-TERM FOLLOW-UP OF CAROTID STENTING IN FEMALE AND MALE PATIENTS WITH CAROTID STENOSIS: DOES GENDER HAVE AN EFFECT ON THE RESULT OF CAROTID STENTING? J. Franke, C. Bauer, V. Woerner, S. Ghasemzadeh-Asl, N. Wunderlich, U. Oetjen, C. Thomalske, P. Schneider, M. Koch, H. Sievert CardioVascular Center Frankfurt Sankt Katharinen, Frankfurt, Germany</p>	97
55	<p>BALLOON ANGIOPLASTY PLUS CILOSTAZOL ADMINISTRATION VERSUS PRIMARY STENTING OF SMALL CORONARY ARTERY DISEASE: FINAL RESULTS OF COMPASS K. Nasu, E. Tsuchikane, Y. Takeda, T. Suzuki, Toyohashi Heart Center, Toyohashi, Japan</p>	98

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08:30 – 12:30	P112 (cont.)	Poster Hall
Board No.		Abstract No.
56	THE ROLE OF THE SIZING BALLOON IN SELECTION OF THE PFO CLOSURE DEVICE SIZE J.A. Alibegovic, R.F.B. Bonvini, U.S. Sigwart, P.A.D. Dorsaz, E.C. Camenzind, V.V. Verin , University Hospital Geneva, Switzerland	99
57	NEW CONCEPT FOR CHRONIC TOTAL OCCLUSION USING RETROGRADE APPROACH VIA THE SEPTAL BRANCH IN THE RCA N. Ozawa , M. Shinozaki, T. Sato, T. Miyauchi Yokohama Asahi General Hospital, Japan	100
58	OUTCOME OF MULTIPLE VS. SINGLE STENT DEPLOYMENT DURING PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH DIABETES MELLITUS R. Sureddi , S. Aleti, R. Sukhija, W.S. Aronow, B.C. Phillips, J.L. Mehta, R. Sachdeva University of Arkansas for Medical Sciences, Little Rock, AR, USA	101
59	COMPARATIVE OUTCOMES OF IN-HOSPITAL COMPLICATIONS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION IN FEMALES S. Nasim , S. Dhakam, N. Nadeem, Aga Khan University, Karachi, Pakistan	103
60	THE AVERAGE STENT LENGTH IS LONGER AND THE AVERAGE STENT DIAMETER IS SHORTER IN PATIENTS WITH DRUG-ELUTING STENTS VERSUS BARE-METAL STENTS DURING PERCUTANEOUS CORONARY INTERVENTION K. Kalapatapu , H. Dilmanian, W.S. Aronow, M. Mundia, A.L. Pucillo, M.B. Weiss, C.E. Monsen, New York Medical College, Valhalla, NY, USA	104
61	EXPERIMENTAL IMPLANTATION OF BARE METAL STENTS COMPARED TO STENTS COVERED WITH BIOSYNTHETIC CELLULOSE IN RABBITS: A HISTOPATHOLOGIC STUDY R. Bueno, E.E. Guerios , P. Andrade, D. Nercolini, J.C. Tarastchuk Hospital Universitario Evangelico, Curitiba, Brazil	105



SUNDAY, JULY 29, 2007

14:00 – 16:30 Hall A

PL04	Plenary Session RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH	
	Chairpersons: M. E. Cain , Buffalo, NY, USA J.E. Madias , Elmhurst, NY, USA	Abstract No.
14:00	REPRODUCIBILITY OF T-WAVE ALTERNANS IN PATIENTS WITH CHF (Invited Lecture) J. E. Madias , Mount Sinai School of Medicine of the New York/Cardiology Division, Elmhurst Hospital Center, USA	107
14:15	PUBLIC ACCESS DEFIBRILLATION IN OUT-OF-HOSPITAL CARDIAC ARREST THE PIACENZA PROGETTO VITA RESULTS (Invited Lecture) A. Capucci , D. Aschieri, G.Q. Villani, M. Piepoli, A. Rosi, M.S. Pisati, C. Armentano, Piacenza Hospital, Italy	108
14:30	POPULATION-BASED ANALYSIS OF SUDDEN CARDIAC DEATH: CLINICAL IMPLICATIONS (Invited Lecture) S.S. Chugh , Oregon Health & Science University, Portland, OR, USA	109
14:45	FLUCTUATIONS OF ECG AND RISK STRATIFICATION IN BRUGADA SYNDROME (Invited Lecture) M. Takagi , H. Tatsumi Osaka City University Graduate School of Medicine, Osaka, Japan	110
15:00	SUDDEN CARDIAC DEATH IN YOUNG INDIVIDUALS: CLINICAL AND GENETIC INVESTIGATION OF THE FAMILY (Invited Lecture) P.P. McKeown , Royal Hospitals Trust and Queen's University, Belfast, UK	111
15:15	RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH: WHERE ARE WE NOW? WHERE DO WE NEED TO BE? (Invited Lecture) S. Al-Khatib , Duke University Medical Center, Durham, NC, USA	112
15:30	SYNCOPE OF UNKNOWN ORIGIN: CONTROL OF THE DRUG THERAPY EFFICACY BY TILT TEST REPETITION (Invited Lecture) D. Flammang , G. Chauveau, S. Mousi, Lyon University Hospital, Lyon, France	113
15:45	IS IT POSSIBLE TO REDUCE HOSPITALIZATION COSTS FOR PATIENTS CONSIDERED AT RISK OF SERIOUS ARRHYTHMIAS? (Invited Lecture) A. Martinez Rubio , S. Galan, M. Cazorla, E. Guillaumet, S. Ibars, E. Guilera, M. Bonastre, R. Baga, G. Gusi, I. Anguera, Hosp de Sabadell, Spain	114
16:00	CURRENT PERSPECTIVES IN RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH (Invited Lecture) D. Wichterle , Institute for Clinical and Experimental Medicine, Prague, Czech Republic	115
16:15	OBESITY, PHYSICAL ACTIVITY AND SUDDEN CARDIAC ARREST P.R. Reddy , K. Reinier, C. Socoteanu, R. Mariani, S.S. Chugh Oregon Health and Science University, Portland, OR, USA	116
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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PL05	Plenary Session	
	NEW DEVELOPMENTS IN CARDIAC IMAGING	
	Chairpersons: S. Dalla-Volta , Padova, Italy F.J. Pinto , Lisbon, Portugal	Abstract No.
14:00	A COMPARISON BETWEEN CORONARY ANGIOGRAM AND MULTISLICE CT IN CORONARY ARTERY DISEASE. A STUDY OF 150 CASES (Invited Lecture) P. Greco, S. Romano, M. Del-Borrello, S. Dalla-Volta , with technical collaboration of Luigi Baracchino University of Padova Medical Center, Padova, Italy	117
14:15	ASSESSING LV FUNCTION BY ECHOCARDIOGRAPHY: THE CHALLENGE CONTINUES (Invited Lecture) F.J. Pinto , Lisbon University, Lisbon, Portugal	118
14:30	CONCERNING CORONARY ARTERY CALCIUM (Invited Lecture) E. Barrett-Connor , University of California, San Diego (UCSD), La Jolla, CA, USA	119
14:45	CORONARY ARTERY BYPASS GRAFTS AND CT ANGIOGRAPHY (Invited Lecture) L. Kritharides , Concord Hospital, University of Sydney, Australia	120
15:00	REAL-TIME 3D ECHOCARDIOGRAPHY 2007 (Invited Lecture) F.J. Ten Cate , Erasmus MC, Rotterdam, The Netherlands	121
15:15	MDCT OF CARDIOVASCULAR DISEASE: PRESENT STATUS & FUTURE PROSPECTS (Invited Lecture) J. Lima , Johns Hopkins University, Baltimore, MD, USA	122
15:30	THE FUTURE OF STRESS PERFUSION IMAGING IN THE ERA OF CT (Invited Lecture) R. Hachamovitch , University of Southern California, Los Angeles, CA, USA	123
15:45	REVASCULARIZATION IN LEFT VENTRICULAR SYSTOLIC DYSFUNCTION: THE ROLE OF VIABILITY TESTING (Invited Lecture) P. Chareonthaitawee , Mayo Clinic and Mayo Clinic College of Medicine, Rochester, MN, USA	124
16:00	ECHOCARDIOGRAPHY OF THE SUPERIOR VENA CAVA (SVC): CURRENT STATUS 2007 R.N. Khouzam , D. Minderman, I.A. D'Cruz University of Tennessee Health Science Center, Memphis, TN, USA	125
16:15	IMPROVED YIELD OF TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN STROKE PATIENTS IS MAINLY LIMITED TO AORTIC PLAQUE AND INTRACARDIAC SHUNT D.M. Spevack, D. Malhotra, S. Doddamani, R.J. Ostfeld, E. Altman , G.M. Gordon, Montefiore Medical Center, Bronx, NY, USA	127
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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14:00 – 16:30 Hall C

PL06	Plenary Session	
	INFLAMMATION AND ATHEROGENESIS	
	Chairpersons: J.G. Filep , Montreal, Canada I. Jialal , Sacramento, CA, USA	Abstract No.
14:00	INFLAMMATION, ATHEROSCLEROSIS AND THERAPEUTIC IMPLICATIONS (Invited Lecture) R. Paoletti , University of Milan, Italy	128
14:15	C-REACTIVE PROTEIN PROMOTES ATHEROTHROMBOSIS (Invited Lecture) I. Jialal , UC Davis Medical Center, Sacramento CA, USA	129
14:30	DOES C-REACTIVE PROTEIN ORCHESTRATE INFLAMMATION IN ACUTE CORONARY ARTERY DISEASE? (Invited Lecture) J.G. Filep , L. Jozsef, L.A. Potempa, T. Khreiss Maisonneuve-Rosemont Hospital, University of Montreal, QC, Canada	130
14:45	THE INFLAMMATORY RESPONSE IN THE NEONATE AND ITS MANAGEMENT (Invited Lecture) T.F. Feltes , Ohio State University, Columbus Children's Hospital, Columbus, OH, USA	131
15:00	IMMUNE RESPONSE TO OXLDL AND ITS IMPACT IN ATHEROSCLEROSIS (Invited Lecture) X. Zhou , Karolinska Hospital, Stockholm, Sweden	132
15:15	MOLECULAR IMAGING OF ATHEROSCLEROTIC PLAQUE INFLAMMATION (Invited Lecture) M. Aikawa , Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA	133
15:30	PROSTANOIDS AND ISOPROSTANOIDS IN ATHEROGENESIS (Invited Lecture) D. Pratico , University of Pennsylvania, Philadelphia, PA, USA	134
15:45	ORIGIN OF LOW-GRADE SYSTEMIC INFLAMMATION (Invited Lecture) D. Aronson , Rambam Medical Center, Haifa, Israel	135
16:00	THE ROLE OF ANTIGEN-PRESENTING CELLS IN CARDIOVASCULAR DISEASE: A POTENTIAL THERAPEUTIC TARGET? (Invited Lecture) A. Niessner , Medical University of Vienna, Austria	136
16:15	CYBA C242T GENE POLYMORPHISM IS ASSOCIATED WITH THE LEVEL OF C-REACTIVE-PROTEIN (CRP) IN A POPULATION OF YOUNG HEALTHY FINNS M. Fan , O.T. Raitakari, M. Kahonen, M. Juonala, N. Hutri-Kahonen, J. Marniemi, J. Viikari, T. Lehtimaki, Tampere University Hospital and Medical School at the University of Tampere, Finland	137
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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14:00 – 16:45		Hall D
S52	<p>Session SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION</p> <p>Chairpersons: S-O. Olofsson, Goteborg, Sweden R.S. Rosenson, Ann Arbor, MI, USA</p>	Abstract No.
14:00	DOSE-DEPENDENT REDUCTIONS IN LDL-C WITH ISIS 301012, AN ANTISENSE INHIBITOR OF APOLIPOPROTEIN B D.L. Tribble , M.K. Wedel, B.F. Baker, E. Stein, R. Fuhr, J.W. Jukema, E. Sijbrands, M. Trip, F. Visseren, R. Weiss, F. Akdim, J.J.P. Kastelein Isis Pharmaceuticals Inc, Carlsbad, CA, USA	138
14:15	STATIN USE BEFORE AND AFTER STROKE ONSET IMPROVES OUTCOME OF ACUTE ISCHEMIC STROKE M. Moonis , K. Kane, M. Fisher, UMass Medical Center, Worcester, MA, USA	139
14:30	GLOMERULAR FILTRATION RATE AT CARDIAC CATHETERIZATION PREDICTS FUTURE ADVERSE CARDIAC EVENTS S.S. Brar, K. Ellini , V.J. Aharonian, P. Mansukhani, I.L. Liu, A.Y.J. Shen Kaiser Permanente Medical Center, Los Angeles, CA, USA	140
14:45	IMPACT OF ROUTINE IN-HOSPITAL ASSESSMENT OF LDL LEVELS AND LIPID LOWERING THERAPY IN PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTIONS M. Ahmad, J-D.R. Schwalm , J.L.Velianou, M.K. Natarajan McMaster University and Hamilton Health Sciences, Hamilton, Ontario, Canada	141
15:00	RECURRENT ANGINA FOLLOWING REVASCULARIZATION J.A. Kempf , S. Shetty, M.A. Nelson, M. Sweeney, CV Therapeutics, Palo Alto, CA, USA	142
15:15	BLUEBERRY-ENRICHED DIET PROTECTS HEART FROM ISCHEMIC DAMAGE I. Ahmet, E. Spangler, B. Shukitt-Hale, J. Joseph, D.K. Ingram, M.I. Talan , National Institute on Aging, Baltimore, MD, USA	143
15:30	THE IMPACT OF SEXUAL THERAPY ON PATIENTS AFTER CARDIAC EVENTS PARTICIPATING IN MULTI-DISCIPLINARY CARDIAC REHABILITATION PROGRAM J. Klein , R. Klein, E. Bar-on, R. Bebenishty, Shaare Zedek Medical Center, Jerusalem, Israel	144
15:45	COMPARATIVE EFFECT OF NITRATES AND TRIMETAZIDINE PLUS SILDENAFIL ON EXERCISE-INDUCED MYOCARDIAL ISCHEMIA. IMPLICATIONS FOR PATIENTS WITH ERECTILE DYSFUNCTION G. Marazzi, C. Vitale, M. Miceli, G. Caminiti, L. Gatta, C. Mammi, M. Volterrani, G. Rosano , IRCCS San Raffaele Roma, Italy	145
16:00	ACCURACY OF RATIO OF TRIGLYCERIDE TO HDL IN PREDICTING HDL PARTICLE SIZE IN ASIAN INDIANS N.C. Bhalodkar, S. Blum, R. Singh , E.A. Enas, Albert Einstien College of Medicine, Bronx, NY, USA	146

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14:00 – 16:45	S52 (cont.)	Hall D
		Abstract No.
16:15	INFLAMMATORY PROTEINS AND DEPRESSION AFTER CORONARY STENTING PREDICT MAJOR ADVERSE CORONARY EVENTS L. Frazier , W.K. Vaughn, J.T. Willerson, C.M. Ballantyne, E. Boerwinkle University of Texas at Houston, TX, USA	147
16:30	A TEN AMINO ACID APOJ PEPTIDE THAT IS ANTI INFLAMMATORY AND PREVENTS ATHEROSCLEROSIS L. Vakili , M. Navab, N. Kamranpour, G. Hough, A. Fogelman University of California at Los Angeles, Los Angeles, CA, USA	149
16:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	
16:45 - 19:30		Hall A
PL07	Plenary Session NEW CONCEPTS IN TRANSLATIONAL CARDIAC RESEARCH	
	Chairpersons: J. Nilsson , Malmo, Sweden R. Roberts , Ottawa, ON, Canada	
16:45	PURSuing GENES THAT CONTRIBUTE TO CORONARY ARTERY DISEASE – AN IDEA WHO’S TIME HAS COME (Invited Lecture) R. Roberts , University of Ottawa Heart Institute, Ontario, Canada	150
17:00	LIPOPROTEIN AUTOIMMUNITY AS A NOVEL TARGET FOR TREATMENT OF CARDIOVASCULAR DISEASE (Invited Lecture) J. Nilsson , Lund University, Malmo, Sweden	151
17:15	CLINICAL GENOMIC AND PROTEOMIC APPROACHES TO UNDERSTAND CARDIOVASCULAR DISEASE (Invited Lecture) C. Patterson , University of North Carolina at Chapel Hill, NC, USA	152
17:30	STRUCTURAL BIOLOGICAL APPROACH TO CARDIOVASCULAR DISEASE (Invited Lecture) H. Mori , National Cardiovascular Center Research Institute, Suita, Osaka, Japan	153
17:45	SELECTIVE NUCLEAR RECEPTOR MODULATION IN CARDIOMETABOLIC DISEASE (Invited Lecture) U. Kintscher , Charite-Universitaetsmedizin Berlin, Germany	154
18:00	COMPREHENSIVE APPROACHES FOR IDENTIFICATION OF SUSCEPTIBILITY GENES TO MYOCARDIAL INFARCTION (Invited Lecture) M. Yokota , Aichi-Gakuin University, Nagoya, Japan	155

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16:45 - 19:30		PL07 (cont.)	Hall A
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18:30	PHARMACOLOGICAL INHIBITION OF EPSILON PKC PREVENTS THE PROGRESSION OF HYPERTENSION-INDUCED HEART FAILURE IN RATS (Invited Lecture) K. Inagaki, T. Koyanagi, D. Mochly-Rosen Stanford University School of Medicine, Stanford, CA, USA		157
18:45	SEX, AGE AND REGIONAL DIFFERENCES OF L-TYPE CALCIUM CHANNELS IN THE HEART (Invited Lecture) G. Salama , C. Sims, University of Pittsburgh, PA, USA		158
19:00	ENDOGENOUS SECRETORY RAGE: A POTENTIAL TARGET FOR CARDIOVASCULAR DISEASES AND METABOLIC SYNDROME (Invited Lecture) H. Koyama , H. Yamamoto, Y. Nishizawa Osaka City University Graduate School of Medicine, Osaka, Japan		159
19:15	MOLECULAR IMAGING IN CARDIOVASCULAR DISEASES (Invited Lecture) E. Aikawa , Massachusetts General Hospital and Harvard Medical School, MA, USA		160
16:45 - 19:30		Hall B	
PL08	Plenary Session MODIFICATION OF RISK FACTORS AND CAD, DYSLIPOPROTEINEMIA, HYPERTENSION, DIABETES MELLITUS AND METABOLIC SYNDROME		
	Chairpersons: H. Boudoulas , Athens, Greece C. Rosendorff , Bronx, NY, USA		
16:45	HOW LOW IS TOO LOW? IS THERE A LIMIT TO BLOOD PRESSURE LOWERING? (Invited Lecture) C. Rosendorff , Mount Sinai School of Medicine and the JJ Peters VA Medical Center, New York, NY, USA		161
17:00	ASSOCIATION BETWEEN GLYCOSYLATED HEMOGLOBIN, LEFT VENTRICULAR MASS AND AORTIC FUNCTION IN NON DIABETIC INDIVIDUALS WITH INSULIN RESISTANCE (Invited Lecture) H. Boudoulas , Biomedical Research Foundation, Academy of Athens, Greece		162
17:15	VASCULAR SIGNALING IN HYPERTENSION - CURRENT CONCEPTS AND FUTURE DIRECTIONS (Invited Lecture) R.M. Touyz , Ottawa Health Research Institute, University of Ottawa, Ottawa, ON, Canada		163

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16:45 - 19:30	PL08 (cont.)	Hall B
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17:30	IMPACT OF METABOLIC SYNDROME ON LEFT VENTRICULAR MASS AND GEOMETRY IN YOUNG ADULTS: THE BOGALUSA HEART STUDY (Invited Lecture) D.A. Patel, S.R. Srinivasan, W. Chen, E. McIlwain, G.S. Berenson Tulane Center for Cardiovascular Health, Tulane University, New Orleans, LA, USA	164
17:45	LIPID STORAGE IN CELLS; MECHANISM AND IMPLICATIONS FOR CARDIOVASCULAR DISEASES (Invited Lecture) S.O. Olofsson , Department of Medicine, Goeteborg, Sweden	165
18:00	BENEFITS OF TIGHT GLYCEMIC CONTROL DURING CORONARY REVASCULARIZATION (Invited Lecture) H.L. Lazar , Boston Medical Center, MA, USA	166
18:15	METABOLIC SYNDROME, SUBCLINICAL ATHEROSCLEROSIS AND CARDIOVASCULAR RISK (Invited Lecture) N.D. Wong , University of California, Irvine, CA, USA	167
18:30	TARGETING LIPOPROTEIN SUBCLASS ABNORMALITIES IN THE METABOLIC SYNDROME: NEW OPPORTUNITIES FOR CARDIOVASCULAR RISK REDUCTION (Invited Lecture) R.S. Rosenson , University of Michigan, Ann Arbor, MI, USA	168
18:45	AGGRESSIVE LIPID MANAGEMENT: LDL APHERESIS (Invited Lecture) D. Polk , Division of Cardiology Cedars-Sinai Medical Center, Los Angeles, CA, USA	169
19:00	CLINICAL GUIDELINES FOR THE PRIMARY PREVENTION OF HYPERTENSION: CAN WE DO MORE? (Invited Lecture) H.D. Sesso , Brigham and Women's Hospital, Boston, MA, USA	170
19:15	MEDITERRANEAN DIET AND CORONARY HEART DISEASE, IS OBESITY A LINK? (Invited Lecture) D.B. Panagiotakos , Harokopio University of Athens, Greece	172

S53	Session NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE, PULMONARY CIRCULATION ASPECTS	
	Chairpersons: T. Force , Philadelphia, PA, USA B.I. Jugdutt , Edmonton, Alberta, Canada	Abstract No.
16:45	PULMONARY ARTERIAL HYPERTENSION (PAH) IN MICE LACKING THE VASOACTIVE INTESTINAL PEPTIDE (VIP) GENE S.I. Said , S.A. Hamidi, K.G. Dickman, A.M. Szema, S. Lyubsky, R.Z. Lin, Y.P. Jiang, J.J. Chen, J.A. Waschek, S. Kort, SUNY at Stony Brook, NY and VA Medical Center, Northport, NY, USA	173
17:00	THE EFFECT OF INHALED MILRINONE ON PULMONARY HYPERTENSION IN PATIENTS UNDERGOING CARDIAC SURGERY, A PILOT RANDOMIZED STUDY A.Y. Denault, F. Haddad , Y. Lamarche, P. Couture, J.C. Tardif, L. Perrault Montreal Heart Institute, Montreal, Quebec, Canada	174
17:15	SINUS TACHYCARDIA PREDICTS INCREASED MORTALITY IN CHRONICALLY TREATED HEART FAILURE PATIENTS C.A. Dragstedt , D.F. Pauly, R.S. Schofield, J.A. Hill, J.M.A. Aranda Jr. University of Florida College of Medicine, Gainesville, FL, USA	175
17:30	REDUCTION OF GAP JUNCTION PROTEINS AND INTERCALATED DISC STRUCTURAL REMODELING IN THE HEARTS OF MICE SUBMITTED TO SEPSIS M.R. Nunes-Celes, D. Tores-Dueñas, F.Q. Cunha, M.A. Rossi , University of São Paulo, Ribeirão Preto, São Paulo, Brazil	176
17:45	STATINS AND WHITE BLOOD CELL COUNT PREDICT MORTALITY IN PATIENTS WITH ISCHEMIC LEFT VENTRICULAR DYSFUNCTION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION M.J. Lipinski , A. Abbate, M.J. Cowley, E. Goudreau, W.N. Malloy, G.W. Vetrovec, University of Virginia Health System and Virginia Commonwealth University Health System, VA, USA	177
18:00	"SHIFT": HEART RATE SLOWING FOR HEART FAILURE J.S. Borer , Weill Medical College of Cornell University, New York, NY, USA	178
18:15	THE EFFECT OF HEMODIALYSIS SESSION ON P WAVE DISPERSION IN PATIENTS WITH CHRONIC HEMODIALYSIS B. Ozben, M. Sumerkan, S.U. Kefeli, A.S. Fak , A. Toprak, M. Koc, N. Papila, M.A. Tanrikulu, A.O. Baykan, A.A. Cincin Marmara University Faculty of Medicine, Istanbul, Turkey	179
18:30	RESULTS OF RADICAL RESECTION OF PRIMARY MAIN PULMONARY ARTERY SARCOMA S.H. Blackmon , D.C. Rice, A.M. Correa, D.A. Ott, J.B. Putnam, W.R. Smythe, A.A. Vaporciyan, J.C. Walkes, G.L. Walsh, M.J. Reardon The Methodist Hospital and M.D. Anderson Cancer Center, TX, USA	180
18:45	PROGNOSTIC VALUE OF PACING-INDUCED MECHANICAL ALTERNANS IN PATIENTS WITH MILD TO MODERATE IDIOPATHIC DILATED CARDIOMYOPATHY IN SINUS RHYTHM A. Hirashiki , H. Izawa, T. Murohara, M. Yokota, Nagoya University Graduate School of Medicine, Nagoya, Japan	181

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16:45 - 19:30		S53 (cont.)	Hall C
			Abstract No.
19:00	FABRY'S DISEASE: CORONARY SMALL VESSEL OBSTRUCTION AS A CAUSE OF MYOCARDIAL ISCHEMIA AND DISEASE PROGRESSION	C. Chimenti , E. Morgante, G. Tanzili, R. Verardo, F. Toscano, C. Gaudio, M.A. Russo, A. Frustaci, La Sapienza University, Rome, Italy	182
19:15	THE PREVALENCE, CLINICAL CHARACTERISTICS, AND PROGNOSIS OF 519 ELDERLY PATIENTS WITH HEART FAILURE AND PRESERVED SYSTOLIC FUNCTION. A CLINICAL STUDY WITH A 5 YEARS FOLLOW-UP PERIOD	F. El Shaer , W. Hassan, A AL Ghamdi, N. ElKum, M. Fawzy, M. Nawaz, S. Khrabshah, N. AKhras, C. Canver, KFSH&RC, Saudi Arabia	183
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S54	Session INTERVENTIONAL CARDIOLOGY		
	Chairpersons:	V. Mathew , Rochester, MN, USA H. Mudra , Munchen, Germany	
16:45	REDUCTION OF MYOINTIMAL HYPERPLASIA AFTER ARTERIAL ANASTOMOSIS BY LOCAL INJECTION OF TGF BETA 3	J. Ghosh , M.S. Baguneid, M.O. Murphy, N. Khwaja, N. Turner, A. Halka, A. Carter, M.W. Ferguson, C.M. Kielty, M.G.Walker Manchester Royal Infirmary, UK	184
17:00	EFFICACY AND SAFETY OF DOUBLE AND TRIPLE ANTIPLATELET THERAPY IN NON ST ELEVATION MYOCARDIAL INFARCTION	J.A. Marin-Neto , G.B. Marin, W.J. Rogers University of Sao Paulo, Ribeirao Preto, Sao Paulo, Brazil	185
17:15	RENAL TOXICITY EVALUATION AND COMPARISON BETWEEN IODIXANOL AND HEXABRIX IN PATIENTS WITH RENAL INSUFFICIENCY UNDERGOING CORONARY ANGIOGRAPHY-THE RECOVER STUDY: A RANDOMIZED CONTROLLED TRIAL	S.H. Jo , H.S. Kim, B.K. Koo, T.J. Youn, H.J. Kang, Y.J. Kim, D.W. Sohn, B.H. Oh, Y.B. Park, Y.S. Choi Hallym University Sacred Heart Hospital, Gyeonggi-do, Korea	186
17:30	THE NORDIC BIFURCATION STUDY, 14 MONTHS DATA	T.K. Steigen , M. Maeng, R. Wiseth, A. Erglis, I. Kumsars, I. Narbute, P. Gunnes, J. Mannsverk, J.F. Lassen, L. Thuesen University Hospital of Northern Norway, Tromsø, Norway	187
17:45	RENAL ANGIOPLASTY AND STENTING UNDER EMBOLIC PROTECTION DEVICES. A MUST?	M. Henry , A. Polydorou, I.Henry, A. Polydorou, M.Hugel, Cabinet de Cardiologie, Nancy, France	188
18:00	ENDOVASCULAR THERAPY OF CHRONIC MESENTERIC ISCHAEMIA	A.G. Daige , R.G. Wanderley, R.B. Favero, L.E. Pereira, I.S. Nunes, L.Z. Kanashiro, Santa Casa, Campo Grande, MS, Brazil	189

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		Abstract No.
18:15	BOTH SIDES CORONARY ANGIOGRAPHY AND INTERVENTION USING A SINGLE TRANSRADIAL GUIDING CATHETER A.A. Youssef , Y.K. Hsieh, C.I. Cheng, C.J. Wu Suez Canal University Hospital, Ismailia, Egypt	190
18:30	MID-TERM COMPARISON BETWEEN DRUG ELUTING STENTS (DES) AND SURGICAL TREATMENT OF PATIENTS WITH DIABETES MELLITUS Y. Ben-Gal, B. Medalion, Y. Moshkovitz, I. Herz, N. Hansson, G. Uretzky, R. Mohr , Tel Aviv Sourasky Medical Center, Tel Aviv, Israel	191
18:45	SAFETY AND EFFICACY OF TRIPLE ANTIPLATELET PHARMACOTHERAPY INCLUDING GLYCOPROTEIN IIB/IIIA RECEPTOR BLOCKERS IN ELDERLY PATIENTS RECEIVING DRUG-ELUTING STENTS V.N. Singh , R.K. Sharma, M. Nelson University of South Florida College of Medicine, Tampa, FL, USA	192
19:00	ARE DRUG ELUTING STENTS SAFE IN THE ELDERLY? M. Behan , G. Dixon, L. Blows, N. Pareek, D. Hildick-Smith, S. Holmberg, A. deBelder, Sussex Cardiac Centre, Brighton, Sussex, UK	193
19:15	PRIMARY AND RESCUE PERCUTANEOUS CORONARY INTERVENTION WITH PACLITAXEL-ELUTING STENT IMPLANTATION IN ST-ELEVATION MYOCARDIAL INFARCTION J.D. Schwalm , M. Ahmad, J.L. Velianou, C. Xie, M.K. Natarajan McMaster University, Hamilton General Hospital, Hamilton, ON, Canada	194



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Poster Session
VASCULAR BIOLOGY, BASIC RESEARCH I

Board No.		Abstract No.
1	CHRONIC CILOSTAZOL THERAPY ATTENUATES MONOCROTALINE-INDUCED PULMONARY ARTERIAL HYPERTENSION IN RAT MODEL L.T. Chang, C.K. Sun, J.J. Sheu, C.H. Chiang, A.A. Yousef , F.Y. Lee, C.J. Wu, H-K Yip, National Pingtung University of Science and Technology, Kaohsiung, Taiwan, R.O.C	195
2	ROLE OF HYDROGEN SULPHIDE IN ISCHEMIC DISEASE: POSSIBLE INTERACTIONS WITH CARBON MONOXIDE Y.Y. Loke , Y.Z. Zhu, National University of Singapore, Singapore	196
3	SUSTAINED STATIC PRESSURE STIMULATES PROLIFERATION OF SMOOTH MUSCLE CELL VIA THE CAVEOLIN-1/EXTRACELLULAR SIGNAL-REGULATED KINASE PATHWAY D.X. Luo, C.L. Xia, S.Y. He, B.Y. Zhu, S.Y. Kuang, L. Liang, C.X. Xu, Q.H. Tuo, D.F. Liao , Nanhua University, Hengyang, Hunan	197
4	CAFFEINE POTENTIATES ENDOTHELIAL TISSUE FACTOR EXPRESSION THROUGH INHIBITION OF S6K PHOSPHORYLATION C. Gebhard , G.G. Camici, A. Akhmedov, B. von Rickenbach, S.F. Stampfli, T.F. Luscher, F.C. Tanner, University of Zurich, Switzerland	198
5	VKORCA HAPLOTYPES ARE ASSOCIATED WITH ARTERIAL VASCULAR DISEASES R. Hui , Y. Wang, Sino-German Laboratory for Molecular Medicine, Cardiovascular Institute & Fuwai Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China	199
6	RELEASE OF CALCITONIN GENE-RELATED PEPTIDE FROM THE JUGULAR-NODOSE GANGLION COMPLEX IN RATS T. Strecker , A. Dieterle, M. Weyand, K. Messlinger, S. Koulchitsky, Center of Cardiac Surgery, Friedrich-Alexander-University of Erlangen-Nuremberg, Germany	200
7	ENDOTHELIN RECEPTOR ANTAGONIST CPU0213 INHIBITS ISOPROTERENOL OR H ₂ O ₂ INDUCED ABNORMAL EXPRESSION OF CA ²⁺ HANDLING SYSTEM IN NEONATAL CARDIOMYOCYTES N. Jia, D-Z. Dai , N. Li, Y. Dai, China Pharmaceutical University, Nanjing, China	201
8	NON-INVASIVELY MEASURED AORTIC PULSE WAVE VELOCITY FOR DETECTION OF OBSTRUCTIVE CORONARY ARTERY DISEASE J. Maddury , A. Madhavapeddi, M. Ram, Nizam's Institute of Medical Sciences, AP, India	202
9	ROLE OF THE PEROXYNTRITE-POLY(ADP-RIBOSE) POLYMERASE PATHWAY IN THE PATHOGENESIS OF RESTENOSIS G.B. Szabo , University of Heidelberg, Germany	203
10	DAXX MEDIATES APOPTOSIS OF RAW264.7 CELLS INDUCED BY OXIDIZED LOW DENSITY LIPOPROTEIN Q.Z. He , D.F. Liao, Nanhua University, Hengyang, Hunan, China	204

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Board No.		Abstract No.
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12	<p>PROINFLAMMATORY GENETIC PROFILES IN SUBJECTS WITH HISTORY OF ISCHEMIC STROKE A. Flex, E. Gaetani, G. Straface, F. Biscetti, F. Angelini, G. Pecorini, P. Pola, R. Pola, Laboratory of Vascular Biology and Genetics, Rome, Italy</p>	206
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13	<p>GLUCOSE-INSULIN INFUSION IMPROVES CARDIAC FUNCTION DURING FETAL TACHYCARDIA M.R. Schmidt, S.B. Kristiansen, P. White, M. Smerup, H.E. Botker, M. Vogel, V. Hjortdal, K.E. Sorensen, A. Redington, Aarhus Univeristy Hospital, Denmark</p>	207
14	<p>DO PARENTAL RATINGS ON COGNITION REFLECT NEUROPSYCHOLOGICAL OUTCOME IN CONGENITAL HEART DISEASE? M. Miatton, D. De Wolf, K. Francois, E. Thiery, G. Vingerhoets Ghent University, Ghent, Belgium</p>	208
15	<p>INTELLECTUAL, NEUROPSYCHOLOGICAL, AND BEHAVIORAL FUNCTIONING IN CHILDREN WITH TETRALOGY OF FALLOT M. Miatton, D. De Wolf, K. Francois, E. Thiery, G. Vingerhoets Ghent University, Ghent, Belgium</p>	209
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17	<p>A NOVEL AORTIC ARCH RECONSTRUCTION METHOD FOR SINGLE VENTRICLE WITH SYSTEMIC OUTFLOW AND ARCH OBSTRUCTION Y. Naito, Y. Harada, S. Uchita, K. Takizawa, G. Satomi, S. Yasukochi, H. Matsui, Nagano Children's Hospital, Azumino-shi, Nagano, Japan</p>	211
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19	<p>P-SELECTIN EXPRESSION AND GPIIB/IIIA POLYMORPHISM IN CONGENITAL CYANOTIC HEART DISEASE: RELEVANCE TO PALLIATIVE SYSTEMIC-PULMONARY SHUNT AND HAEMOSTATIC PARAMETERS F.M. Gomaa, H.G. Metwaly, S.S. Elsoda, Cairo University, Egypt</p>	213
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22	TRANSCATHETER CLOSURE OF LEFT SIDED SUPERIOR VENA CAVA DRAINING INTO LEFT ATRIUM P. Dehghani , L. Benson, E. Horlick, University Health Network, Adult Congenital Heart Program, Toronto, Ontario, Canada	216
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23	EVALUATION OF THE RIGHT VENTRICULAR FUNCTION BY STRAIN IN HYPERTROPHIC CARDIOMYOPATHY AFTER SEPTAL ABLATION D. Zemanek , J. Veselka, P. Tomasov, M. Sedlakova, K. Linharotova University Hospital Motol, Prague, Czech Republic	217
24	ACUTE EFFECTS OF CAFFEINE ON RIGHT AND LEFT DIASTOLIC FUNCTION M.L. Sabas , M.N. Almajar, A.H.P. Bautista, R.E. Ramboyoung, E.J.F. Ramos, E.S. Tucay The Medical City Hospital, Pasig City, Philippines	218
25	CORONARY BLOOD FLOW IN LEFT ARTERIAL DESCENDING ARTERY AND INTRAMYOCARDIAL ARTERY IN PATIENTS WITH ASYMMETRIC LEFT VENTRICULAR HYPERTROPHY E.N. Pavlyukova , A.A. Aksenova, R.S. Karpov, Institute of Cardiology, Tomsk, Russia	219
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27	VARIED EXPRESSION OF CONNEXIN43 AND FKBP12.6 BETWEEN LEFT AND RIGHT VENTRICLE CONTRIBUTES TO REPERFUSION DISPERSION IN ISOPROTERENOL STIMULATED RAT HEARTS X.Y. Tang , D.Z. Dai, Y. Dai, China Pharmaceutical University, Nanjing, China	221
28	PERCUTANEOUS SEPTAL ABLATION WITH ABSORBABLE GELATIN SPONGE IN HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY G. Llamas-Esperon, S. Sandoval-Navarrete, R. Munoz-Sandoval Hospital Cardiologica Aguascalientes, Aguascalientes, Mexico	222
29	ANALYSIS OF THE ELECTROCARDIOGRAPHIC CRITERIA IN DETERMINING LEFT VENTRICULAR HYPERTROPHY AMONG FILIPINO PATIENTS A.R. Uy , J.S. Tuason, C.M. Banez, E.S. Caguioa, The Heart Station University of Santo Tomas Hospital, Sampaloc, Manila, Philippines	223

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31	RISK FACTOR, PROGNOSTIC PREDICTOR AND PROGNOSIS OF HEART FAILURE WITH PRESERVED SYSTOLIC FUNCTION IN JAPAN K. Uchino , T. Ishigami, T. Sugano, H. Ogawa, Y. Yamakawa, Y. Matsushita, K. Matsumoto, T. Ishikawa, K. Kimura, S. Umemura Yokohama City University, Japan	225
32	MECHANICAL VENTILATION IN POST MI CARDIOGENIC SHOCK S.G. Drakos, M. Anastasiou-Nana, M. Bonios, E. Tsagalou, G. Maroulidis , E.I. Charitos, A. Ntalianis, J. Venetsanakos, J. Kanakakis, J. Nanas University of Athens Medical School, Athens, Greece	226
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35	COMPARISON OF THE EFFECT OF ANEMIA ON IN-HOSPITAL MORTALITY IN PATIENTS WITH-VS-WITHOUT PRESERVED LEFT VENTRICULAR EJECTION FRACTION A.L. Latado, L.C.S. Passos , E.S. Darze, A.A. Lopes Federal University of Bahia, Salvador, BA, Brazil	229
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37	IN ABSENCE OF PRIMARY ANGIOPLASTY, INTRA-AORTIC BALLOON COUNTERPULSATION PLUS REVASCULARIZATION IS BEST FOR MYOCARDIAL INFARCTION AND SHOCK S.G. Drakos, J. Kanakakis, M. Bonios, J. Terrovitis, A. Ntalianis, J. Venetsanakos, N. Lazaris, E.I. Charitos, E. Tsagalou, M. Anastasiou-Nana , University of Athens Medical School, Athens, Greece	231
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42	INSULIN RESISTANCE AND INTERLEUKIN-6 GENE PROMOTER -174G/C POLYMORPHISM IN OBESE PATIENTS WITH CORONARY HEART DISEASE P. Tretjakovs , G. Latkovskis, N. Licis, D. Juhnevica, A. Jurka, I. Bormane, J.I. Aivars, A. Stifts, V. Pirags, University of Latvia, Riga, Latvia	236
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47	PREVALENCE OF METABOLIC SYNDROME ACCORDING TO THE ATP III, WHO AND THE IDF DEFINITIONS IN IRANIAN OLDER POPULATION A. Zabetian , F. Hadaegh, N. Saadat, M.Tohidi, S. Moini Shaheed Beheshti Medical University, Tehran, Iran	241
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51	METABOLIC SYNDROME AND ITS COMPONENTS AND THE CARDIOVASCULAR RISK ASSOCIATED WITH ANGIOGRAPHIC CORONARY ARTERY DISEASE R.C. Sarmiento , R.E. Ramboyong, The Medical City Hospital, Pasig City, Philippines	245
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52	VITAL EXHAUSTION IS ASSOCIATED WITH INCREASED LEVELS OF TNF-ALPHA SOLUBLE RECEPTOR 1 IN CHRONIC HEART FAILURE O.R.F. Smith , M. Kwaijtaal, H. Hooijkaas, J.B. Winter, S.S. Pedersen Tilburg University, Tilburg, The Netherlands	246
53	IS ABSOLUTE NEUTROPHILIA A PREDICTOR FOR EARLY CONGESTIVE HEART FAILURE AFTER ACUTE MYOCARDIAL INFARCTION? F. Rashidi , A. Rashidi, A. Golmohamadi, E. Hoseinzadeh, B. Mohammadi, H. Mirzajani, M. Kheiri, P. Jamshidi, Zanjan University of Medical Sciences, Zanjan, Iran	247
54	UNEXPLAINED SYNCOPE IN IDIOPATHIC DILATED CARDIOMYOPATHY A. Kostopoulou , E. Livanis, N. Aggelopoulou, S. Adamopoulos, G. Theodorakis, Onassis Cardiac Surgery Center, Greece	248
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55	PREDICTORS OF AORTIC ATHEROMA BURDEN ON TRANSESOPHAGEAL ECHOCARDIOGRAPHY: CLINICAL IMPLICATIONS FOR THROMBOEMBOLIC WORKUP J. Cavalcante , M. Al-Mallah, E. Garcia-Sayan, J. Chattahj, M. Arida, K. Ananthasubramanian, Henry Ford Heart & Vascular Institute, USA	249
56	DEFICIENCY IN NEURONAL NITRIC OXIDE SYNTHASE INCREASES MYOCARDIAL APOPTOSIS POST MYOCARDIAL INFARCTION IN MICE X. Lu , M. Lei, F. Xiang, Q. Feng, University of Western Ontario, London, Ontario, Canada	250
57	HEMODYNAMIC EFFECTS OF INTRAVENOUS NITROGLYCERINE IN ACUTE DECOMPENSATED CONGESTIVE HEART FAILURE: A META-ANALYSIS N.B. Jalandhara, J. Molnar, R.R. Arora North Chicago VA Medical Center, North Chicago, IL, USA	251

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59	ENDOTHELIN RECEPTOR ANTAGONIST CPU0213 INHIBITS ISOPROTERENOL OR H ₂ O ₂ INDUCED ABNORMAL EXPRESSION OF CA ₂ ⁺ HANDLING SYSTEM IN NEONATAL CARDIOMYOCYTES N. Jia , D.Z. Dai, N. Li, Y. Dai, China Pharmaceutical University, Nanjing, China	253
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60	CHANGES OF PULMONARY VEIN FLOW DUE TO PULMONARY EMBOLISM M. Palinsky , J. Petrovicova, P. Mitro, M. Szakacs, R. Tkacova, III. Medical Clinic Teaching Hospital L. Pasteura Kosice, SK EU, Slovak Republic	254
61	D-RIBOSE/FOLIC ACID AIDS RIGHT VENTRICULAR DIASTOLIC FUNCTION IN INDUCED PULMONARY HYPERTENSION R.R. Lamberts, E. Caldenhoven, M. Lansink, G. Witte, J.A. St.Cyr , G.J.M. Stienen, Vrije Universiteit Medical Center Amsterdam, Amsterdam, The Netherlands	255
62	THE FIRST RUSSIAN PILOT TRIAL-SILDENAFIL IN PATIENTS WITH RISK FACTORS OF CARDIORESPIRATORY PATHOLOGY V. Baksheev, N. Kolomoets , G. Tursunova The State Institute of Improvement of Doctors, Moscow, Russia	256







INTERNATIONAL ACADEMY OF CARDIOLOGY
13th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2007
VANCOUVER, BC, CANADA, JULY 28-31, 2007

**SCIENTIFIC
PROGRAM**

Monday, July 30, 2007

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the 1990s, the number of people with a mental health problem has increased in the UK (Mental Health Act 1983, 1990).

There is a growing awareness of the need to address the needs of people with mental health problems in the community. The Department of Health (1999) has set out a strategy for mental health care in the UK, which includes a commitment to improve the lives of people with mental health problems in the community.

The strategy is based on the following principles: (1) to improve the lives of people with mental health problems in the community; (2) to reduce the need for hospital care; (3) to improve the effectiveness of mental health services; (4) to improve the training and development of mental health professionals; (5) to improve the research and development of mental health services.

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MONDAY, JULY 30, 2007

08:30 – 11:00

Hall A

PL09: Plenary Session	
DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES	
Chairpersons: U. Elkayam , Los Angeles, CA, USA M.A. Rossi , Ribeirao Preto, Brazil	
	Abstract No.
08:30	MECHANISMS OF HIV-ASSOCIATED CARDIOVASCULAR DISEASE (Invited Lecture) 257 C. Chen , X. Wang, Q. Yao, Baylor College of Medicine, Houston, TX, USA
08:45	ALCOHOL AND CARDIOVASCULAR DISEASE: 2007 UPDATE (Invited Lecture) 258 A. Klatsky , Kaiser Permanente Medical Care Program, Oakland, CA, USA
09:00	WHAT ARE THE NEW CANCER THERAPEUTICS DOING TO THE HEART? (Invited Lecture) 259 T. Force , Jefferson Medical College, Philadelphia, PA, USA
09:15	PERIPARTUM CARDIOMYOPATHY IN THE U.S.: DEFINITION, CLINICAL PRESENTATION AND POTENTIAL MECHANISMS (Invited Lecture) 260 U. Elkayam , LAC+USC Medical Center, Los Angeles, CA, USA
09:30	OBESITY AND CONGESTIVE HEART FAILURE (Invited Lecture) 261 M.A. Alpert , St. John's Mercy Medical Center, St. Louis, MO, USA
09:45	MYOCARDIAL STRUCTURAL CHANGES IN LONG-TERM HUMAN SEVERE SEPSIS/SEPTIC SHOCK MAY BE RESPONSIBLE FOR CARDIAC DYSFUNCTION (Invited Lecture) 262 M.A. Rossi , M.R. Nunes-Celes, C.M. Prado, F.P. Saggioro University of São Paulo, Ribeirão Preto, São Paulo, Brazil
10:00	DO VARIATIONS IN THE INNATE IMMUNE RESPONSE ALTER SUSCEPTIBILITY TO VIRAL MYOCARDITIS? (Invited Lecture) 263 N.E. Bowles , University of Utah School of Medicine, Salt Lake City, UT, USA
10:15	SOME MARKERS OF INFLAMMATION AND OXIDATIVE STRESS IN DILATED CARDIOMYOPATHY (Invited Lecture) 264 N.N. Kipshidze , National Center of Therapy, Tbilisi, Georgia
10:30	NON-INVASIVE IN VIVO MEASUREMENT OF SKELETAL MUSCLE OXYGEN CONSUMPTION IN CHRONIC HEART FAILURE 265 K. Abozguia , G. Nallur Shivu, T.T. Phan, M.P. Frenneaux University of Birmingham, UK
10:45	NEW INTERVENTIONS IN THE TREATMENT OF CARDIOMYOPATHY RELATED TO IRON-OVERLOAD (Invited Lecture) 266 M.G. Trivieri, G. Oudit, P.H. Backx , University Health Network, University of Toronto, Canada
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION

PL10: Plenary Session

NEW DIRECTIONS IN CORONARY INTERVENTIONAL THERAPY

Chairpersons: **J.H. Chesebro**, Worcester, MA, USA
G. Vetrovec, Richmond, VA, USA

Abstract No.

08:30	OPPORTUNITIES WITH INTEGRIN-TARGETED PERFLUOROCARBON NANOPARTICLES IN ATHEROSCLEROSIS (Invited Lecture) G. Lanza , Washington University Medical School, St. Louis, MO, USA	267
08:45	COST EFFECTIVENESS OF DRUG-ELUTING STENTS (Invited Lecture) M.J. Eisenberg , Jewish General Hospital/McGill University, Canada	268
09:00	LEFT MAIN STENTING: ARE WE THERE YET? (Invited Lecture) F.A. Shawl , Washington Adventist Hospital, Takoma Park, MD, USA	269
09:15	IMPACT OF HIGHER CLOPIDOGREL LOADING AND MAINTENANCE DOSE ON PLATELET FUNCTION AND ANTITHROMBOSIS IN PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION MEASURED BY THROMBOELASTOGRAM (Invited Lecture) N. Lakkis , Baylor College of Medicine, Houston, TX, USA	270
09:30	PATHOGENESIS, RAPID IDENTIFICATION AND TREATMENT OF HIT (Invited Lecture) J.H. Chesebro , University of Massachusetts Memorial, Worcester, MA, USA	271
09:45	RENAL DISEASE IMPACT ON CORONARY INTERVENTIONAL OUTCOMES (Invited Lecture) G.W. Vetrovec , VCU Medical Center, Richmond, VA, USA	272
10:00	PERCUTANEOUS INTERVENTIONAL TREATMENT OF LEFT MAIN STENOSIS. A CRITICAL APPRAISAL (Invited Lecture) H. Mudra , Städtisches Klinikum Munchen GmbH, Klinikum Neuperlach, Munchen, Germany	274
10:15	DRUG-ELUTING STENTS: IS THE INCREASED RISK OF STENT THROMBOSIS AN ACCEPTABLE CLINICAL TRADEOFF FOR REDUCED RESTENOSIS? (Invited Lecture) S. Kaul , Cedars-Sinai Medical Center, Los Angeles, CA, USA	276
10:30	FRACTIONAL FLOW RESERVE IN THE CATHETERIZATION LAB: SIMPLIFYING ANGIOGRAPHIC AND INTERVENTIONAL CHALLENGES (Invited Lecture) M.J. Lim , Saint Louis University School of Medicine, Saint Louis, MO, USA	277
10:45	COBALT ALLOY STENTS VERSUS DRUG ELUTING STENTS: A REAL WORLD EXPERIENCE A.A. Youssef , C.J. Wu, H.K. Yip, W.C. Hung, C.Y. Fang, C.H. Ynag, C.L. Hang, S.M. Chen, C.J. Chen, C.I. Cheng Chang Gung Memorial Hospital, Kaohsiung, Taiwan, R.O.C.	278
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

S55	Session HYPERTENSION: BASIC AND CLINICAL	
	Chairpersons: V. Bittner , Birmingham, AL, USA D. Polk , Los Angeles, CA, USA	Abstract No.
08:30	THE EPIDEMIOLOGIC TRANSITION: HYPERTENSION IN RURAL EAST AFRICA S. Stewart de Ramirez , F. Changamire, M. Ramirez, G. Nyadzi, S. Ehrlich Sachs, W. Willett, Harvard School of Public Health, Boston, MA, USA	279
08:45	AORTIC STIFFNESS PREDICTS CARDIOVASCULAR EVENTS IN PATIENTS WITH HYPERTENSION AND CARDIOVASCULAR DISEASE R. Bhuriya , J. Molnar, R. Khandpur, S. Khosla, R. Arora The Chicago Medical School, North Chicago, IL, USA	280
09:00	TARGET OF ANTIHYPERTENSIVE THERAPY AFTER STROKE: IS THERE A U-CURVE OF BLOOD PRESSURE AND CARDIOVASCULAR EVENTS? POST HOC ANALYSES OF THE MOSES-STUDY (MORBIDITY AND MORTALITY AFTER STROKE, EPROSARTAN COMPARED WITH NITRENDIPINE FOR SECONDARY PREVENTION) S. Lueders , C. Luebcke, F. Hammersen, K. Plate, M. Schnieders, J. Berger, W. Zidek, P. Dominiak, H.C. Diener, J. Schrader Medical Clinic, St.-Josefs-Hospital, Cloppenburg, Germany	281
09:15	CORONARY RESERVE PREDICTS THE LONG-TERM OUTCOME IN HYPERTENSIVE DILATED CARDIOMYOPATHY V.F.A. Pereira , C.C. Frimm, A.C.T. Rodrigues, M. Curi University of Sao Paulo, Sao Paulo, SP, Brazil	282
09:30	PREDICTORS OF A 1-YEAR SIGNIFICANT INCREASE IN BLOOD PRESSURE IN ADULTS: THE HEART SCORE STUDY K.E. Kip , A.N. Aiyer, S.R. Mulukutla, O.C. Marroquin, S.E. Reis University of Pittsburgh, Graduate School of Public Health, PA, USA	283
09:45	WHO IS NOT TAKING ANTIHYPERTENSIVE MEDICATION? L.E. Bautista , University of Wisconsin, Madison, WI, USA	284
10:00	LONG-TERM NIFEDIPINE ATTENUATES MYOCARDIAL COLLAGEN REMODELING AND PREVENTS DIASTOLIC DYSFUNCTION THROUGH ANTIOXIDATIVE STRESS IN DAHL SALT-SENSITIVE HYPERTENSIVE RATS T. Yamada , K. Nagata, T. Nishizawa, H. Izawa, T. Murohara, M. Yokota Nagoya University Graduate School of Medicine, Japan	285
10:15	ARTERIAL STIFFNESS INDICES IN OFFSPRINGS OF VARIOUS PARENTAL HYPERTENSION HISTORY S-M. Kyvelou , G.P. Vyssoulis, E.A. Karpanou, D.N. Adamopoulos, A.D. Deligeorgis, P.G. Spanos, D.F. Cokkinos, C.I. Stefanadis 1st Cardiology Clinic Athens University Hippokraton Hospital, Greece	286

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08:30 – 11:00	S55 (cont.)	Hall C
		Abstract No.
10:30	THE RELATIONSHIP BETWEEN BETA1-ADRENOCEPTOR POLYMORPHISMS AND ANTIHYPERTENSIVE RESPONSE TO BISOPROLOL X.L. Zhao , F. Wu, Y.L. Cui, S.J. Guo, S.M. Wang, H. Zhou, J.J. Li, J.F. Ji, Beijing Tongren Hospital, Affiliated to Capital Medical University, Beijing, China	287
10:45	ASSOCIATION BETWEEN ALDOSTERONE SYNTHASE GENE C344C/T POLYMORPHISM AND LEFT VENTRICULAR STRUCTURE AND FUNCTION IN PATIENTS WITH ESSENTIAL HYPERTENSION X.J. Hu , Y.C. Tu, S. Chen, H. Peng, F. Li, Y.M. Wang, K.L. Yan, H. Yu Xinhua Hospital of Hubei Province, Wuhan, China	288
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	



S56

Session

GENETIC DETERMINANTS OF HEART DISEASE, GENE AND CELL BASED THERAPIES, BASIC RESEARCH

Chairpersons: **T. Kofidis**, Singapore
K. Maiese, Detroit, MI, USA

Abstract No.

08:30	<p>VARIATION IN THE HUMAN MATRIX METALLOPROTEINASE-9 GENE IS ASSOCIATED WITH ARTERIAL STIFFNESS IN HEALTHY INDIVIDUALS Yasmin, C.M. McEniery, K.M. O'Shaughnessy, J.R. Cockcroft, I.B. Wilkinson, University of Cambridge, Cambridge, UK</p>	289
08:45	<p>RENIN-ANGIOTENSIN SYSTEM GENE POLYMORPHISMS AND DIASTOLIC HEART FAILURE C.K. Wu, J.L. Luo, J.M. Juang, C.T. Tsai, K.L. Hsu, J.J. Hwang, C.D. Tseng, F.T. Chiang, National Taiwan University Hospital, Taipei, Taiwan</p>	290
09:00	<p>A ZINC TRANSPOTER VARIANT ASSOCIATED WITH SEVERE CORONARY ARTERY DISEASE M.M. Luke, J.P. Kane, C.M. Rowland, D.M. Liu, D. Shiffman, C.R. Pullinger, M.J. Malloy, E.J. Topol, S.G. Ellis, J.J. Devlin, Celera, Alameda, CA, USA</p>	291
09:15	<p>INTRACORONARY INFUSION OF MOBILIZED PERIPHERAL BLOOD STEM CELLS BY GRANULOCYTE COLONY-STIMULATING FACTOR IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION VERSUS OLD MYOCARDIAL INFARCTION: THE MAGIC CELL-3-DES TRIAL H.J. Kang, H.S. Kim, H.Y. Lee, K.W. Park, H.M. Yang Seoul National University Hospital, Seoul</p>	292
09:30	<p>P38 MITOGEN-ACTIVATED PROTEIN KINASE IS INVOLVED IN UP-REGULATION OF ANGIOGENESIS IN VITRO BY HMG-COA REDUCTASE INHIBITOR FLUVASTATIN A. Uruno, A. Sugawara, A. Saito, M. Kudo, S. Ito Tohoku University Hospital, Sendai, Japan</p>	293
09:45	<p>NON INVASIVE CARDIAC ANGIOGENESIS SHOCK WAVE THERAPY INCREASES PERFUSION AND EXERCISE TOLERANCE IN ENDSTAGE CAD PATIENTS C. Naber, T. Ebralidze, S. Lammers, G. Hakim, R. Erbel Germantown, MD, USA</p>	294
10:00	<p>TRANSTHYRETIN (TTR) V122I, AN AMYLOIDOGENIC CARDIOTROPIC ALLELE: CLINICAL, PATHOLOGIC AND EPIDEMIOLOGIC STUDIES OF AN AUTOSOMAL DOMINANT GENE RESPONSIBLE FOR LATE ONSET CARDIAC DISEASE J. Buxbaum, The Scripps Research Institute La Jolla CA, USA</p>	295
10:15	<p>HYPERBARIC OXYGEN ACTIVATES DISCOIDIN DOMAIN RECEPTOR 2 VIA TUMOR NECROSIS FACTOR-A AND P38 PATHWAY TO INCREASE VASCULAR SMOOTH MUSCLE CELLS MIGRATION THROUGH MATRIX METALLOPROTEINASE 2 B.W. Wang, H. Chang, K.G. Shyu, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan</p>	296

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08:30 – 11:00	S56 (cont)	Hall D
		Abstract No.
10:30	AUTOLOGOUS INTRACORONARY STEM CELL TRANSPLANTATION IMPROVES CARDIAC FUNCTION AND EXERCISE CAPACITY IN PATIENTS WITH END-STAGE DILATIVE CARDIOMYOPATHY B. Vrtovec , M. Sever, L. Lezaic, D. Domanovic, P. Cernelc, B. Radovancevic, G. Torre-Amione, Ljubljana University Medical Center, Ljubljana, Slovenia	297
10:45	BONE MARROW STEM CELLS PRESERVE GLOBAL LEFT VENTRICULAR EJECTION FRACTION: A META-ANALYSIS S. Singh , P.D. Swaminathan, J. Molnar, S. Khosla Chicago Medical School/Mt Sinai Hospital, Chicago, IL, USA	298
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	



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11:15 – 14:00 Hall A

PL11:	Plenary Session	
	VALVULAR HEART DISEASE / DISEASES OF THE THORACIC AORTA / CONGENITAL HEART DISEASE / CARDIAC SURGERY	
	Chairpersons: J.S. Borer , New York, NY, USA J.A. Elefteriades , New Haven, CT, USA	Abstract No.
11:15	HOW DOES DISSECTION PICK A TIME TO OCCUR? (Invited Lecture) I. Hatzaras, G. Koullias, J. Bible, M.J. Tranquilli, J.A. Elefteriades Yale University, New Haven, CT, USA	299
11:30	MEDICAL THERAPY FOR VALVULAR HEART DISEASES: HOPE OR REALITY? (Invited Lecture) J.S. Borer , Weill Medical College of Cornell University, New York, N.Y, USA	300
11:45	PHEN-FEN VALVULOPATHY 10 YEARS LATER: WHAT HAVE WE LEARNED? (Invited Lecture) N. Weissman , Washington Hospital Center, Washington DC, USA	301
12:00	POSSIBILITIES AND LIMITATIONS OF AORTIC VALVE RECONSTRUCTION (Invited Lecture) H.J. Schaeffers , University Hospitals of Saarland, Homburg, Germany	302
12:15	THE PREVALENCE AND CLINICAL IMPACT OF OBESITY FOR ADULTS WITH MARFAN SYNDROME (Invited Lecture) A.T. Yetman , B.W. McCrindle Primary Children's Medical Center, Salt Lake City, UT, USA	303
12:30	NEW INSIGHTS INTO THE DIAGNOSIS AND TREATMENT OF AORTIC STENOSIS (Invited Lecture) P. Pibarot , Laval Hospital Research Center, Laval University, Sainte-Foy, Quebec, Canada	304
12:45	ARRHYTHMIAS IN ADULTS WITH CONGENITAL HEART DISEASE (ACHD), (Invited Lecture) L. Harris , University of Toronto, Toronto, Ontario, Canada	305
13:00	CORONARY ARTERY BYPASS GRAFTING FOR STENOTIC LESIONS CAUSED BY KAWASAKI DISEASE (Invited Lecture) E. Tsuda , S. Kitamura, S. Echigo National Cardiovascular Center, Suita, Osaka, Japan	306
13:15	SERUM OSTEOPROTEGERIN LEVELS PREDICT PRESENCE AND SEVERITY OF CALCIFIC AORTIC VALVE STENOSIS M. Rahmani , B. Heydari, P. Pannu, B.I. Munt, C.R. Thompson, K. Humphries, P.D. Pare, B.M. McManus, The James Hogg iCAPTURE Centre for Cardiovascular and Pulmonary Research, University of British Columbia, Vancouver, British Columbia, Canada	307
13:30	NESIRITIDE FOLLOWING MAZE AND MITRAL VALVE SURGERY T.M. Beaver , A. Winterstein, P.J. Hess, T.D. Martin, G. Arnatoukis, R. Carrie, A.A. Ejaz, University of Florida, Gainesville, FL, USA	308
13:45	PERCUTANEOUS AORTIC VALVULOPLASTY: IS IT A PROCEDURE OF THE PAST? S.S. Goel , P.P. Borek, O.M. Wazni, G. Pettersson, N.G. Smedira, P.L. Whitlow, B.W. Lytle, E.M. Tuzcu, S.R. Kapadia Cleveland Clinic, Cleveland, OH, USA	309
14:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

MONDAY, JULY 30, 2007

11:15 - 13:45		Hall B
PL12:	Plenary Session ATHEROSCLEROSIS AND THE VULNERABLE PLAQUE: PATHOGENESIS AND TREATMENT	
	Chairpersons: S.D. Gertz , Jerusalem, Israel J.L. Mehta , Little Rock, AR, USA	Abstract No.
11:15	ROLE OF LOX-1 IN ATHEROSCLEROSIS; LESSONS FROM KNOCKOUT MICE (Invited Lecture) J.L. Mehta , A. Dandapat, C.P. Hu, P.L. Hermonat, T. Sawamura UAMS, Little Rock, AR, USA	310
11:30	NEW APPROACHES TO VULNERABLE PLAQUE DETECTION (Invited Lecture) R.L. Wilensky , University of Pennsylvania, Philadelphia, PA, USA	311
11:45	IMAGING OF THE VULNERABLE PLAQUE: INDICATIONS, CHALLENGES, AND FUTURE DIRECTIONS (Invited Lecture) S.D. Gertz , D. Vela, I. Aboshady, L. Frazier, J.L. Conyers, L. Gavish, B.G. Bodmann, M. Papadakis, S. Alexander, D.J. Kouri, G.W. Gladish, D.D. Cody, J.T. Willerson, S.W. Casscells, The Hebrew University, Hadassah Medical School, Jerusalem, Israel and Texas Heart Institute, Houston, TX, USA	312
12:00	DIET VS. INFECTION ATHEROSCLEROSIS (Invited Lecture) S. Amar , Boston University, Boston, MA, USA	313
12:15	MAST CELLS PROMOTE ATHEROSCLEROSIS BY RELEASING PRO-INFLAMMATORY CYTOKINES (Invited Lecture) J. Sun, G.K. Sukhova, P.J. Wolters, P. Libby, G.P. Shi Harvard Medical School, Boston, MA, USA	314
12:30	A ROLE OF CORONARY ANGIOSCOPY FOR THE DETECTION OF VULNERABLE PLAQUES AND VULNERABLE PATIENTS (Invited Lecture) Y. Ueda , N. Ogasawara, J. Oyabu, K. Okada, A. Hirayama, K. Kodama Osaka Police Hospital, Osaka, Japan	315
12:45	THROMBUS AGE IN ACUTE CORONARY SYNDROMES, A TALE OF THE OLD AND THE NEW (Invited Lecture) R.J. de Winter , Academic Medical Center, Amsterdam, The Netherlands	316
13:00	TISSUE FACTOR AND CARDIOVASCULAR DISEASE (Invited Lecture) F.C. Tanner , University of Zurich, Switzerland	317
13:15	ATHEROSCLEROTIC PLAQUE DEVELOPMENT AT THE STRAIN / STRESS INTERFACE (Invited Lecture) S. Lehoux , Inserm U689, Paris, France	318
13:30	EFFECT OF CLOPIDOGREL ON SUPPRESSING SCD40L IN UNSTABLE ANGINA PATIENTS UNDERGOING CORONARY STENTING H.K. Yip , C.J. Wu, M. Fu, Chang Gung Memorial Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan, ROC	319
13:45	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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11:15-13:30 Hall C

S57	Session ARRHYTHMIAS AND ELECTROPHYSIOLOGY	
	Chairpersons: C.W. Israel , Frankfurt, Germany M.H. Pitzalis , Greenville, NC, USA	Abstract No.
11:15	CLINICAL ROLE OF DUAL CHAMBER (DDED) DEFIBRILLATOR: THE DATAS TRIAL A. Quesada , R. Ricci, C. Wolpert, J. Almendral, F. Arribas, P. Adragao, M. Santini, E. Cobo, X. Navarro, Hospital General Universitario, Valencia, Spain	320
11:30	PROPHYLACTIC LIDOCAINE REDUCES VENTRICULAR FIBRILLATION INCIDENCE AND MORTALITY IN ACUTE MYOCARDIAL INFARCTION M.G. Wyman , R.M. Wyman, D.S. Cannom, J.M. Criley San Pedro Peninsula Hospital, San Pedro, CA, USA	321
11:45	ACUTE EFFECT OF PACING MODE ON ENDOTHELIAL FUNCTION IN PATIENTS WITH IMPLANTED CARDIAC PACEMAKERS A.S. Fak , M.A. Tanrikulu, N. Papila, B. Ozben, A.Toprak, A.A. Cincin, A.O. Baykan, S.U. Kefeli, M.Sumerkan, A. Oktay Marmara University Faculty of Medicine, Istanbul, Turkey	322
12:00	FEASIBILITY OF CORTICOSTEROID IN THE PREVENTION OF ATRIAL FIBRILLATION AFTER CARDIAC SURGERY: A PROSPECTIVE, DOUBLE BLIND RANDOMIZED MULTICENTER STUDY J. Halonen, P. Halonen, O. Jarvinen, P. Taskinen, T. Auvinen, M. Tarkka, M. Hippelainen, T. Juvonen, J. Hartikainen, T. Hakala Kuopio University Hospital, Kuopio, Finland	323
12:15	CHEST COMPRESSION INDUCES VENTRICULAR FIBRILLATION DURING POST-SHOCK ORGANIZED RHYTHMS IN OUT-OF- HOSPITAL CARDIAC ARREST A. Capucci , D. Aschieri, G.Q. Villani, M. Piepoli, A. Rosi, M.S. Pisati, C. Armentano, Piacenza Hospital, Italy	325
12:30	IN HOSPITAL CARDIOPULMONARY RESUSCITATION: THE INFLUENCE OF THE NEW GUIDELINES ON SURVIVAL K.P. Letsas, G.D. Gavielatos , L.K. Pappas, I.P. Alexanian, D.P. Avramidis, S.J. Xydonas, D.D. Manolatos, M.T. Efremidis, A.M. Sideris Evangelismos General Hospital, Greece	326
12:45	RIGHT VENTRICULAR OUTFLOW TRACT IS THE PREFERRED SITE FOR LONG TERM RIGHT VENTRICULAR PACING K. Khan , D.J. Fox, J. Harrison, S.G. Williams, C. Lang, N.C. Davidson, D.H. Bennett, Regional Cardiac Centre, Wythenshawe Hospital, Manchester, UK	327
13:00	N-CADHERIN HAPLOINSUFFICIENCY AFFECTS CARDIAC GAP JUNCTIONS AND ARRHYTHMIC SUSCEPTIBILITY J. Li , M. Levin, Y. Xiong, N. Petrenk, V.V. Patel, G.L. Radice University of Pennsylvania School of Medicine, Philadelphia, PA, USA	328
13:15	IMPACT OF DIFFERENT PACING MODES ON LEFT VENTRICULAR FUNCTION FOLLOWING CARDIOPULMONARY BYPASS O. Dzemali , F. Bakhtairy, H. Ackermann, T.H. Wittlinger, A. Moritz, P. Kleine, University Hospital, J.W. Goethe University, Frankfurt/Main, Germany	329
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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11:15-13:45 Hall D

S58	Session	Abstract No.
	MOLECULAR CARDIOLOGY, BASIC RESEARCH	
	Chairpersons: A.A. Knowlton , Davis, CA, USA D. Mochly-Rosen , Stanford, CA, USA	
11:15	PROTECTIVE EFFECT OF PRAVASTATIN AGAINST CARBOPLATIN-INDUCED CARDIOTOXICITY VIA INHIBITION OF OXIDATIVE STRESS C.F.Cheng , J.J. Chen, I.C. Chao, W.S. Lian, H.H. Hou, L.J. Ma, P.C. King, P.Q. Lin, H. Lin, General Tzu Chi Hospital, Taipei, Taiwan	330
11:30	ENDOTHELIUM-DERIVED NITRIC OXIDE REGULATES IN VIVO POSTISCHEMIC MYOCARDIAL OXYGENATION AND OXYGEN CONSUMPTION G. He , B. Liu, S. Zhou, Y.R. Chen, J.L. Zweier The Ohio State University, Columbus, OH, USA	331
11:45	DUAL EFFECTS OF HYDROGEN SULFIDE ON CARDIAC MITOCHONDRIAL FUNCTIONS VIA THE REGULATION OF MITOKATP CHANNEL ACTIVITY Z.J. Wang , T.S. Tan, L. Ning, K.P. Wong, H.Y. Lim, A.S. Vincent, P.K. Moore, Y.Z. Zhu, National University of Singapore, Singapore	332
12:00	POSSIBLE INTERACTIONS OF NITRIC OXIDE AND HYDROGEN SULPHIDE IN ACUTE MYOCARDIAL INFARCTION S.C. Chuah , Y.Z. Zhu, National University of Singapore, Singapore	333
12:15	MECHANISMS UNDERLYING DIFFERENCES BETWEEN I/R HEARTS PERFUSED AT CONSTANT FLOW OR CONSTANT PRESSURE R.B. Singh , V. Elimban, N.S. Dhalla University of Manitoba, Winnipeg, Manitoba, Canada	334
12:30	A SYNTHETIC POLYPHENOL PROTECTS AGAINST HYDROGEN PEROXIDE-INDUCED CELL DEATH IN H9C2 CARDIAC MYOCYTE-LIKE CELLS B.S. Rayner, P.K. Witting , Concord Hospital, Sydney, NSW, Australia	335
12:45	VALIDATION OF AN IN VITRO MYOCARDIAL REPERFUSION INJURY MODEL D. Gero , K. Modis, N. Nagy, P. Szoleczky, Z. Dori Toth, C. Szabo Sемmelweis University, Budapest, Hungary	336
13:00	HYDROGEN SULFIDE ATTENUATES MYOCARDIAL ISCHEMIA/REPERFUSION INJURY VIA OPENING OF MITOCHONDRIAL KATP CHANNELS Y.Z. Zhu , Z.J. Wang, L. Ning, T.T. Feng, P.K. Moore National University of Singapore, Singapore	337
13:15	ACE-INHIBITION IS SUPERIOR TO ANGIOTENSIN TYPE 1 RECEPTOR BLOCKADE IN PREVENTING REPERFUSION INJURY AND CARDIOMYOCYTE APOPTOSIS: AN EX VIVO STUDY IN RAT HEARTS P. Di Napoli , A.A. Taccardi, A. Grilli, M. Felaco, A. Barsotti Casa di Cura Villa Pini d'Abruzzo, Chieti, Italy	338

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11:15-13:45	S58 (Cont.)	Hall D
		Abstract No. 339
13:30	CHANGES OF CX43, METALLOPROTEINASE AND TISSUE INHIBITOR OF METALLOPROTEINASE IN TACHYCARDIA-INDUCED CARDIOMYOPATHY INDUCED BY ATRIAL FIBRILLATION IN DOGS J.Q. Zhong , W. Zhang, H.Q. Gao, Y. Li, M. Zhong, D.L. Li, C. Zhang, Y. Zhang, Chinese Ministry of Education and Chinese Ministry of Public Health, Qilu Hospital of Shandong University, China	
13:45	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	
08:30-12:30		Poster Hall

P301 **Poster Session** **NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES**

Board No.		
1	DO EXERCISE ECGS AID IN CORRECTLY DIAGNOSING CORONARY ARTERY DISEASE IN WOMEN? S. Krishnan , N. Naqvi Royal Albert Edward Infirmary, Wigan, Lancashire, UK	340
2	PERIPHERAL ARTERIAL TONOMETRY MEASUREMENT IN RELATION TO CARDIOVASCULAR RISK: THE HEART SCORE STUDY S.R. Mulukutla, K.E Kip , O.C. Marroquin, A.N. Aiyer, S.E. Reis University of Pittsburgh, Pittsburgh, PA, USA	341
3	NOVEL MASS SPECTROMETRY PROTEIN SIGNATURES ASSOCIATED WITH CARDIOVASCULAR IMPAIRMENT U.A. Kiernan , E.E. Niederkofler, U. Schellenberger, J. O'Rear, N.S. Pollitt, A. Protter, D. Nedelkov, K.A. Tubbs, A.L. Bieber, R.W. Nelson Intrinsic Bioprobes Inc, Tempe, AZ, USA	342
4	64-SLICE CTA VALIDATION STUDY IN PERIPHERAL VASCULAR DISEASE WITH LOW CONTRAST VOLUMES D.E. Allie , C.J. Hebert, M.D. Lirtzman, C.H. Wyatt, V.A. Keller, E.V. Mitran, C.M. Walker, Cardiovascular Institute of the South, Lafayette, LA, USA	343
5	THE EFFECTS OF INTRAVENOUS ATROPIN IN INCOMPLETE EXERCISE STRESS TEST N. Aslan Abadi, A. Sajjadih Khajouei , E. Hosein Zadeh, A. Maneshgar Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran	344
6	TRANSRADIAL CORONARY INTERVENTION: COMPARISON OF LEFT AND RIGHT RADIAL ARTERY APPROACH J.Y. Kim , J. Yoon, M.S. Ahn, K.H. Lee, B.S. Yoo, S.H. Lee, K.H. Choe Wonju College of Medicine, Yonsei University, Korea	345
7	AN APPROACH TO QUANTIFY DIFFUSELY DISEASED CORONARY ARTERIES S. Yokoyama , T. Takayama, T. Kawano, Y. Li, M. Ichikawa, N. Ishii, Y. Watanabe, J. Honye, A. Hirayama, S. Saito Nihon University School of Medicine, Tokyo, Japan	346
8	COMPARISON OF INVASIVE VS NONINVASIVE PULSE WAVE INDICES IN DETECTION OF SIGNIFICANT CORONARY ARTERY DISEASE: CAN WE USE NONINVASIVE PULSE WAVE INDICES AS SCREENING TEST J. Maddury , Nizam's Institute of Medical Sciences, Secunderabad, India	347

P302

**Poster Session
VASCULAR BIOLOGY, BASIC RESEARCH II**

Board No.		Abstract No.
9	A PROFILE STUDY ON THE ROLES OF H2S IN VASCULAR SMOOTH MUSCLE CELLS - A NOVEL MEDIATOR OF CHOLESTEROL SYNTHESIS? Z.J. Wang , H.S. Nai, P.K. Moore, Z.J. Zhu National University of Singapore, Singapore	348
10	ATORVASTATIN INDUCES THROMBOMODULIN EXPRESSION IN TNFALPHA-TREATED ENDOTHELIAL CELLS AND AORTAS OF CHOLESTEROL-FED RABBITS Y.L. Chen , S.H. Wang, C.C. Lin, S.J. Lin College of Medicine, National Taiwan University, Taipei, Taiwan	349
11	LOSARTAN MODULATES APELIN EXPRESSION AND RENAL ARTERY TONE TO ANGIOTENSIN II AND IV IN DIABETIC MICE J.C. Zhong , X.Y. Yu, Y. Huang, L.M. Yung, C.W. Lau Guangdong Provincial People's Hospital, Guangzhou, China	350
12	FREQUENCY AND SEVERITY OF MYOCARDIAL PERFUSION ABNORMALITIES USING TC-99M MIBI SPECT IN CARDIAC SYNDROME X M. Saghari, M. Assadi , M. Yaghoubi, M. Eftekhari, A. Fard-Esfahani, J.M. Malekzadeh, Tehran University of Medical Sciences, Iran	351
13	ENDOTHELIUM-DEPENDENT HEMOSTASIS IN PATIENTS WITH LEFT VENTRICULAR ANEURYSM E.V. Shlyakhto, K.A. Khmel'nitskaya , M.U. Sitnikova Pavlov State Medical University, Saint-Petersburg, Russia	352
14	CYCLOPHILIN A DIFFERENTIALLY ACTIVATES MONOCYTES AND ENDOTHELIAL CELLS S.K. Payeli , C.S. Fischer, J. Steffel, G.G. Camici, I. Rozenberg, T.F. Luscher, G. Fischer, F.C. Tanner, Physiology Institute, University of Zurich, Switzerland	353
15	CIRCUMFERENTIAL WALL TENSION DUE TO HYPERTENSION PLAYS A PIVOTAL ROLE IN AORTA REMODELING C.M. Prado, S.G. Ramos, J.Jr Elias, M.A. Rossi University of São Paulo, Ribeirão Preto, São Paulo, Brazil	354
16	ANTHOCYANIN PREVENTS CD40-ACTIVATED PROINFLAMMATORY SIGNALING IN ENDOTHELIAL CELLS BY REGULATING CHOLESTEROL DISTRIBUTION M. Xia, W.H. Ling , Sun Yat-sen University (Northern Campus), Guangzhou, Guangdong Province, P.R. China	355
17	DIASTOLIC DYSFUNCTION VIS-A-VIS HSCRP AND CARDIORESPIRATORY FITNESS - DISCERN STUDY A.S. De Guzman , M.F. Luque, E.C. Demerre Heart Institute, St Lukes Medical Center, Quezon City, Philippines	356
18	THE RELATION BETWEEN HELICOBACTER PYLORI INFECTION AND CARDIAC SYNDROME X; A PRELIMINARY STUDY M. Assadi , M. Saghari, M.R. Pourbehi, M. Eftekhari, M. Nasiri, M. Nazarahari, A. Takavar, Tehran University of Medical Sciences, Tehran, Iran	357

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**Poster Session
PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL
FUNCTION**

Board No.		Abstract No.
19	<p>CHRONIC DIESEL EXHAUST PARTICLE INHALATION INDUCES EXAGGERATED VASOCONTRACTION IN APOE KNOCKOUT MOUSE AORTA N. Bai, H. Suzuki, L.M. Corey, T. Kido, M.E. Rosenfeld, I. Laher, S.F. van Eeden, James Hogg iCAPTURE Centre for Cardiovascular & Pulmonary Research, University of British Columbia, Vancouver, Canada</p>	358
20	<p>SAFETY OF HIGHER SHORT TERM DOSE (150 MG) OF CLOPIDOGREL IN PATIENTS WITH ANGIOGRAPHIC LEFT MAIN CORONARY ARTERY STENOSIS S. Mohan, G. Baweja, A. Ausmani, K. Greenlee, N. Kedia Cleveland Clinic, Cleveland, OH, USA</p>	359
21	<p>EFFECT OF QUINAPRIL ON MYOCARDIAL PERFUSION IN TYPE 2 DIABETES MELLITUS N.N. Kipshidze, T. A Davarashvili, T.B. Vakhtangadze National Center of Therapy, Tbilisi, Georgia</p>	360

P304

**Poster Session
ADVANCES IN CARDIAC SURGERY**

22	<p>WHAT IS THE ROLE OF OPCAB? S. Deb, N.D. Desai, S.E. Fremes, G.T. Christakis, F. Moussa, G.N. Cohen, B.S. Goldman, Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Ontario, Canada</p>	361
23	<p>SURGICAL THERAPY OF MALIGNANT CARDIAC TUMORS – THE TEXAS MEDICAL CENTER EXPERIENCE S. Yendamuri, S. Blackmon, A.A. Vaporciyan, D.C. Rice, G.L. Walsh, J.C. Walkes, M.J. Reardon University of Texas MD Anderson Cancer Center, Houston, TX, USA</p>	362
24	<p>WHAT ARE THE LONG AND SHORT TERM OUTCOMES OF PCI IN VERY ELDERLY PATIENTS? M. Behan, G. Dixon, N. Pareek, L. Blows, D. Hildick-Smith, S. Holmberg, A. deBelder, Sussex Cardiac Centre, Brighton, Sussex, UK</p>	363
25	<p>THE CONTEMPORARY IMPACT OF STATE CERTIFICATE OF NEED (CON) REGULATIONS FOR CARDIAC SURGERY: AN ANALYSIS USING THE SOCIETY OF THORACIC SURGEONS NATIONAL CARDIAC SURGERY DATA BASE V. DiSesa, S. O'Brien, K. Welke, S. Beland, C. Hahn, M. Vaughan-Sarrazin, E. Peterson, The Chester County Hospital, West Chester, PA, USA</p>	364

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29	MYOCARDIAL BRIDGE: SURGICAL OUTCOME AND MIDTERM FOLLOW UP R. Parvizi, A. Sajjadih Khajouei , H. Djavad Zadegan, A Maneshgar, S. Hassanzadeh, Tabriz University of Medical Sciences, Tabriz, Iran	368
30	SURGICAL TREATMENT OF AORTOBRONCHIAL AND AORTOESOPHAGEAL FISTULA DUE TO THORACIC AORTIC ANEURYSM E. Eren , C. Keles, M. Toker, S. Ersahin, V. Erentug, M. Guler, G. Ipek, E. Akinci, M. Balkanay, C. Yakut Kosuyolu Heart and Research Hospital, Istanbul, Turkey	369
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39	BENEFIT OF CARDIAC RESYNCHRONIZATION THERAPY FOR HEART FAILURE PATIENTS WITH MECHANICAL ASYNCHRONY Y.S. Chong , K.H. Lam, K.H. Ng, A. Hussin, R. Omar National Heart Institute, Kuala Lumpur, Malaysia	378
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46	A RANDOMIZED COMMUNITY-BASED INTERVENTION TO REDUCE CARDIOVASCULAR RISK: THE HEART SCORE STUDY K.L. Sward, A.O. Dinga, K.E. Kip , S.R. Mulukutla, O.C. Marroquin, A.N. Aiyer, S.E. Reis, University of Pittsburgh, Pittsburgh, PA, USA	385
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48	CORRELATION OF METABOLIC SYNDROME AND MILD TO MODERATE CALCIFIED AORTIC VALVE STENOSIS G.D. Spyromitros , K.G. Koronidis, I.A. Tsoynos Cardiology Department, General Hospital of Katerini, Katerini, Greece	387
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51	HOW TO DO PREVENTION IN IMMIGRANT TURKISH WOMEN A. Bader , M. Hochleitner, Medical University Innsbruck, Austria	390
52	MEDICAL NUTRITION THERAPY IMPROVED THE QUALITY OF DIET IN KOREAN HYPERLIPIDEMIC PATIENTS R.W. Choue, H.J. Lim , Y.Y. Kim, Y.M. Choi, I.H. Lee Kyung Hee University, Seoul, Korea	391
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08:30-12:30	P308(cont)	Poster Hall
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56	THE EFFECT OF CORONARY ARTERY BYPASS GRAFTING WITH COLD BLOOD VERSUS CRYSTALLOID, WITH AND WITHOUT TOPICAL COOLING ON VENTRICULAR REPOLARIZATION S. Khosropanah , M.H. Nemati, M. Nikparvar Shiraz University of Medical Sciences, Shiraz, Iran	395
57	EFFECTS OF AEROBIC EXERCISE ON HEART RATE VARIABILITY (HRT) W.S. Choi, S.J. Lee, W.I. Rhee St. Mary's Hospital, Catholic University, Seoul, Korea	396
58	FACTOR VII HYPERCOAGULANT ACTIVITY IN INSULIN RESISTANT CORONARY HEART DISEASE (CHD) PATIENTS R.A. Karatela , G.S. Sainani Jaslok Hospital and Research Centre, Mumbai, Maharashtra, India	397
59	THE EFFECT OF EMLA CREAM ON THE WRIST PAIN DURING TRANS-RADIAL CORONARY INTERVENTION J.Y. Kim, J. Yoon , B.S. Yoo, S.H. Lee, K.H. Choe Wonju College of Medicine, Yonsei University, Korea	398
60	ANTISENSE ANTIBODY DRUG CONJUGATE (AADC) CONSISTING OF OXIDIZED LDL HAIRPIN SIRNA FUSED WITH PROTAMINE TO NFkB FAB AND LINKED WITH VALINE-CITRULLINE TO VINORELBINE ERADICATES RADIATION INDUCED ARTERIOSCLEROSIS, PROTHROMBOTIC EFFECTS, ATHEROSCLEROTIC PLAQUE AND INNATE IMMUNITY AFTER DOWNREGULATION OF VASCULAR INFLAMMATORY GENES AND BCL-XL PHOSPHORYLATION LEADING TO APOPTOSIS IN VASCULAR SMOOTH MUSCLE CELLS (VSMC) J. Giannios , I. Koliopoulos, P. Ginopoulos, N. Alexandropoulos General State Hospital of Athens, Greece	399
61	RELATIONSHIP BETWEEN EXERCISE INDUCED DYSPNEA AND DOPPLER-DERIVED DIASTOLIC FUNCTION AMONG SOUTH ASIAN COHORT S. Nasim , N. Nadeem, Aga Khan University Karachi, Pakistan	400



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14:00 – 16:00		Hall A
PL13:	Plenary Session ABLATION FOR ATRIAL FIBRILLATION, SVT AND VENTRICULAR TACHYCARDIA	
	Chairpersons: R. Krittayaphong , Bangkok, Thailand M.A. Wood , Richmond, VA, USA	Abstract No.
14:00	DETERMINANTS OF LESION SIZES AND TISSUE TEMPERATURES DURING CATHETER CRYOABLATION (Invited Lecture) M.A. Wood , B. Parvez, A.L. Ellenbogen, K.M. Shaffer, S.M. Goldberg, M.P. Gaspar, I. Arief, C.M. Schubert, Virginia Commonwealth University Medical Center, Richmond, VA, USA	401
14:15	UPDATE ON MANAGEMENT OF RIGHT VENTRICULAR OUTFLOW TRACT TACHYCARDIA (Invited Lecture) R. Krittayaphong , Siriraj Hospital, Mahidol University, Bangkok, Thailand	402
14:30	IMPLANTABLE DEVICES IN THE MANAGEMENT OF PATIENTS WITH ATRIAL FIBRILLATION (Invited Lecture) C.W. Israel , J.W. Goethe University, Frankfurt, Germany	403
14:45	ROLE OF REAL-TIME IMAGING IN ABLATION OF ATRIAL FIBRILLATION: INTRODUCING NEW IMAGING MODALITY FOR SAFE AND EFFECTIVE ABLATION (Invited Lecture) N.F. Marrouche , University of Utah Health Sciences Center, Salt Lake City, UT, USA	404
15:00	CATHETER ABLATION OF VENTRICULAR TACHYCARDIA OCCURRING LATE AFTER MYOCARDIAL INFARCTION USING SUBSTRATE MODIFICATION (Invited Lecture) T. Deneke , University Heart Centre Bochum, BG Clinic Bergmannsheil Bochum, Germany	405
15:15	GAPS WITHIN LINEAR RADIOFREQUENCY LESIONS: FRIEND AND FOE? M.A. Wood , F.J. Perez, Virginia Commonwealth University Medical Center, Richmond, VA, USA	406
15:30	AVOIDANCE OF PROCEDURE – RELATED COMPLICATIONS OF RADIOFREQUENCY ABLATION OF AF BY THE INTEGRATION OF MULTISLICE CT IMAGING INTO 3D ELECTROANATOMIC MAPPING M. Martinek , H.J. Nesser, J. Aichinger, G. Boehm, P. Kuchinka, H. Purerfellner, Elisabethinen University Teaching Hospital, Linz, Austria	407
15:45	AV NODAL REENTRY TACHYCARDIA WITH MULTIPLE PATHWAYS: IMPLICATIONS FOR CATHETER ABLATION R.C. Klein , University of Utah Health Sciences Center, Salt Lake City, UT, USA	408
16:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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14:00 – 16:15 Hall B

PL14		Plenary Session	
		DIASTOLIC HEART FAILURE, PERICARDIAL DISEASE	
		Chairpersons: J.N. Bella , Bronx, NY, USA P.R. Liebson , Chicago, IL, USA	Abstract No.
14:00	LEFT VENTRICULAR HYPERTROPHY IN HYPERTENSION: IS DRUG SELECTION IMPORTANT? (Invited Lecture) P.R. Liebson , Rush University Medical Center, Chicago, IL, USA		409
14:15	REGRESSION OF LEFT VENTRICULAR HYPERTROPHY AND OUTCOME (Invited Lecture) J.N. Bella , Bronx-Lebanon Hospital Centre, NY, USA		410
14:30	ROLE OF DIGOXIN IN DIASTOLIC HEART FAILURE (Invited Lecture) A. Ahmed , University of Alabama at Birmingham, Birmingham, AL, USA		411
14:45	ROLE OF PHOSPHOLIPASE C ISOZYMES IN HYPERTROPHY OF THE ADULT HEART (Invited Lecture) T. Singal, P.S. Tappia , St. Boniface Hospital Research Centre, University of Manitoba, Winnipeg, Canada		412
15:00	ACUTE AND RECURRENT PERICARDITIS (Invited Lecture) M. Imazio , R. Trincherio, Maria Vittoria Hospital, Torino, Italy		413
15:15	ROLE OF COLLAGEN MATRIX IN THE TRANSITION FROM HYPERTROPHY TO FAILURE IN HYPERTENSION (Invited Lecture) J. Díez , University of Navarra, School of Medicine, Pamplona, Spain		414
15:30	IMPACT OF ETHANOL DOSING ON LONG-TERM OUTCOME OF ALCOHOL SEPTAL ABLATION FOR OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY: A SINGLE-CENTER, PROSPECTIVE, AND RANDOMIZED STUDY J. Veselka, D. Zemanek , J. Palenickova, R. Duchonova, P. Tomasov, K. Linhartova, University Hospital Motol Prague, Czech Republic		415
15:45	ECHOCARDIOGRAPHIC FEATURES AND THROMBOEMBOLISM IN PATHOLOGY PROVEN CARDIAC AMYLOIDOSIS D.Feng , J.K. Oh, W.D. Edwards, M Martinez, I.S. Syed, K. Chandrasekaran, M. Grogan, A.S. Jaffe, M.A. Gertz, K.W. Klarich, Mayo Clinic, Rochester, Minnesota, USA		416
16:00	MYOCARDITIS IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS PRESENTING ACUTE CLINICAL DETERIORATION C. Chimenti, R. Verardo, M.C. Acconcia, F. Toscano, M.A. Russo, A. Frustaci , La Sapienza University, Rome, Italy		417
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION		

S59	Session PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/ CONGENITAL HEART DISEASE	
	Chairpersons: B.W. Duncan , Cleveland, OH, USA T.F. Feltes , Columbus, OH, USA	Abstract No.
14:00	INCIDENCE AND RESULTS OF REOPERATIONS FOLLOWING THE SENNING OPERATION - 27 YEARS OF FOLLOW-UP IN 314 PATIENTS J. Hörer , E. Karl, G. Theodoratou, C. Schreiber, J. Cleuziou, M. Vogt, K. Holper, R. Lange, German Heart Center Munich at the Technical University, Munich, Germany	426
14:15	INCIDENCE OF ATRIAL FIBRILLATION AFTER PERCUTANEOUS CLOSURE OF PATENT FORAMEN OVALE AND SMALL ATRIAL SEPTAL DEFECTS R.F.B. Bonvini, J.S. Sztajzel, J.A. Alibegovic, P.T.T. Trindade, K.S. Sievert, R.S. Sztajzel, K.O.L. Lovbad, U.S. Sigwart, V.V. Verin , E.C. Camenzind University Hospital Geneva, Switzerland	418
14:30	TRANSCATHETER CLOSURE OF PERIMEMBRANOUS VENTRICULAR SEPTAL DEFECTS USING UMBRELLA DEVICES R.P. Handke , C. Jux, D. Schranz, M.B.E. Schneider The Children's Heart Center St. Augustin, St. Augustin, Germany	419
14:45	MANAGEMENT AND OUTCOME OF PATIENTS WITH RIGHT ISOMERISM OF THE ATRIAL APPENDAGE M.H. Wu , J.K. Wang, M.T. Lin, E.T. Wu, S.N. Chiu, C.A. Chen, Y.S. Chen, C.I. Chang, I.S. Chiu, H.C. Lue National Taiwan University Hospital, Taipei, Taiwan	420
15:00	PERCUTANEOUS DOUBLE STENT ATRIAL SEPTOSTOMY G. Marti , B. Garcia, F. Gran, J. Girona, J. Angel Vall Hebron Hospital, Barcelona, Spain	421
15:15	CEREBRAL INJURY IN NEONATAL CARDIOPULMONARY BYPASS AND DEEP HYPOTHERMIC CIRCULATORY ARREST: A PROTEOMIC STUDY A.M. Sheikh , C. Barrett, N. Villamizar, O. Alzate, S. Miller, J. Shelburne, A. Lodge, J. Lawson, Duke University, Durham, NC, USA	422
15:30	COMPLICATIONS OF NONCOMPACTION OF THE LEFT VENTRICULAR MYOCARDIUM IN A PEDIATRIC POPULATION: A PROSPECTIVE STUDY C. Lilje , V. Rázek, J.J. Joyce, T. Rau, B.F. Finckh, F. Weiss, C.R. Habermann, J.C. Rice, J. Weil, University Hospital Hamburg-Eppendorf, Hamburg, Germany, Tulane University Health Sciences Center, New Orleans, LA, USA	423
15:45	ARRHYTHMIA BURDEN IN ADULTS WITH CONGENITAL HEART DISEASE IN A LEVEL 2 IN A GROWN-UP CONGENITAL HEART (GUCH) CENTRE P. A. Felix , S. Howard, L.J. Freeman Norfolk and Norwich University Hospital, Norwich, UK	424
16:00	WARM SURGERY FOR TOTAL ANOMALPULMONARY VENOUS RETURN Y.D. Durandy , S. Hulin, Yves Durandy Institut Jacques Cartier, Massy, France	425

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14:00-16:45	S59 (cont)	Hall C
16:15	USE OF THE GENESIS-XD STENT TO TREAT PULMONARY ARTERY STENOSIS AND OBSTRUCTION TO RIGHT VENTRICULAR OUTFLOW IN INFANTS D.R. Turner , Z. Amin, W.E. Hellenbrand, J.M. Ringwald, T.E. Fagen, T.J. Forbes, Children's Hospital of Michigan, Wayne State University, Detroit, MI, USA	Abstract No. 427
16:30	MATERNAL HYPERGLYCEMIA IMPROVES FETAL CARDIAC FUNCTION M.R. Schmidt , M. Smerup, S.B. Kristiansen, H.E. Botker, O. Schmitz, V. Hjortdal, K. Sorensen, A.N. Redington Aarhus University Hospital, Aarhus, Denmark and Hospital for Sick Children, Toronto, ON, Canada	428
16:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	
14:00-17:00		Hall D
S60	Session VASCULAR BIOLOGY, BASIC RESEARCH	
	Chairpersons: U. Forstermann , Mainz, Germany T. Malinski , Athens, OH, USA	
14:00	ESSENTIAL ROLE OF MAST CELLS IN THE PATHOGENESIS OF ABDOMINAL AORTIC ANEURYSMS J. Sun, G.K. Sukhova, P.J. Wolters, P. Libby, R.W. Thompson, G.P. Shi Harvard Medical School, Boston, MA, USA	429
14:15	NEUTRALIZATION OF IL-18 INHIBITS BALLOON INJURY-INDUCED NEOINTIMAL FORMATION P. Maffia , G. Grassia, P. Di Meglio, R. Carnuccio, L. Berrino, P. Garside, A. Lanaro, A. Lalenti University of Naples Federico II, Naples, Italy	430
14:30	INCREASED VASCULAR CONTRACTILITY IN ISOLATED VESSELS FROM CIGARETTE SMOKING RATS IS MEDIATED BY BASAL ENDOTHELIN RELEASE M.M. Rahman , S. Elmi, T.K.H. Chang, N. Bai, N.A. Sallam, V.S. Lemos, F. Moien-Afshari, I. Laher University of British Columbia, Vancouver, BC, Canada	431
14:45	DIMETHYL SULFOXIDE INHIBITS THROMBOSIS AND VASCULAR SMOOTH MUSCLE CELLS ACTIVATION: A POTENTIAL TREATMENT STRATEGY FOR DRUG-ELUTING STENTS G.G. Camici , J. Steffel, A. Akhmedov, C.M. Matter, Z. Yang, I. Sudano, T.F. Luscher, F.C. Tanner, University of Zurich, Switzerland	432
15:00	LEVEL AND VALUE OF CIRCULATING ENDOTHELIAL PROGENITOR CELLS IN PATIENTS AFTER ACUTE ISCHEMIC STROKE H.K. Yip , L.T. Chang, W.N. Chang, C.H. Lu, C.W. Liou, M.Y. Lan, J.S. Liu, A.A. Youssef, H.W. Chang Chang Gung Memorial Hospital-Kaohsiung Medical Center, Taiwan-R.O.C.	433

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14:00-17:00	S60 (cont)	Hall D
		Abstract No.
15:15	INCREASED ATHEROSCLEROSIS AND TH1L-17 INFILTRATES IN INTERLEUKIN-18 (IL-18) DEFICIENT APOLIPOPROTEIN E-KNOCKOUT MICE FED HIGH-FAT DIET N. Pejnovic, A. Vratimos, D. Popadic, S.H. Lee, K. Takeda, S Akira, W.L. Chan , Queen Mary University London, London, UK	434
15:30	THE GREEN TEA FLAVANOID EPIGALLOCATECHIN-3-GALLATE INHIBITS ENDOTHELIAL TISSUE FACTOR EXPRESSION E.W. Holy, A. Akhmedov, T.F. Lüscher, F.C. Tanner University of Zurich, Zurich, Switzerland	435
15:45	RANKL-RANK-OPG SYSTEM IN ATHEROSCLEROTIC LESIONS OF HUMAN CORONARY ARTERIES: AN IMMUNOHISTOCHEMICAL STUDY A.K. Alexopoulos , S.N. Peroukides, P. Mylonakis, H.E. Papadaki, J.N. Varakis, University of Patras, Patras, Greece	436
16:00	PRAVASTATIN IMMUNOMODULATES INTERLEUKIN 6 (IL-6) AND C-REACTIVE PROTEIN (CRP) IN CORONARY BYPASS C.E. Caorsi , F. Pineda, C. Munoz Clinica Las Condes, Universidad Andres Bello, Santiago, Chile	437
16:15	THROMBOPOIETIN (TPO) CONTRIBUTES TO PLATELET ACTIVATION IN CIGARETTE SMOKERS E. Lupia , O. Bosco, A. Goffi, C. Poletto, E. Maggio, P. Tizzani, T. Spatola, A. Cuccurullo, S. Locatelli, G. Montrucchio Azienda Ospedaliera San Giovanni Battista di Torino-Torino, Italy	438
16:30	ADIPONECTIN SPECIFICALLY INCREASED TISSUE INHIBITOR OF METALLOPROTEINASE-1 THROUGH INTERLEUKIN-10 EXPRESSION IN HUMAN MONOCYTE-DERIVED MACROPHAGES M. Kumada , S. Kihara, N. Ouchi, Y. Okamoto, K. Ohashi, K. Maeda, K. Kishida, N. Maeda, T. Funahashi, Y. Matsuzawa Osaka University, Suita, Osaka, Japan	439
16:45	CAFFEIC ACID PHENETHYL ESTER INHIBITS ENDOTHELIAL TISSUE FACTOR EXPRESSION S. Largiader , A. Akhmedov, C. Gebhard, G. Camici, T.F. Luescher, F.C. Tanner, Cardiovascular Research, Physiology Institute and Center for Integrative Human Physiology, Zurich, Switzerland	440
17:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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16:15 – 18:30 Hall A

PL15:	Plenary Session	
	ENDOTHELIAL BIOMEDICINE, OXIDATIVE STRESS	
	Chairpersons: S.J. LIN , Taipei, Taiwan P.K. Singal , Winnipeg, MB, Canada	Abstract No.
16:15	DECREASE IN IL-10/TNF-alpha RATIO AND INCREASE IN OXIDATIVE STRESS IN HEART FAILURE (Invited Lecture) S. Dhingra, A.K. Sharma, H. Lou, K. Kaur, P.K. Singal , St. Boniface General Hospital Research Centre, Winnipeg, Canada	441
16:30	OXIDATIVE STRESS, INFLAMMATION AND ATHEROSCLEROSIS: THE ROLE OF HUMAN ANTIGEN R AND TOLL-LIKE RECEPTOR 4 (Invited Lecture) S.J. Lin , F. Lin, J.W. Chen, Taipei Veterans General Hospital and National Yang-Ming University, Taipei, Taiwan	442
16:45	NITRIC OXIDE/NITROXIDATIVE STRESS IMBALANCE IN THE FAILING HEART – A NANOMEDICAL APPROACH (Invited Lecture) T. Malinski , Ohio University, Athens, OH, USA	443
17:00	VASCULAR OXIDATIVE STRESS: RELATIVE IMPORTANCE OF PRO- AND ANTIOXIDANT ENZYME SYSTEMS (Invited Lecture) U. Forstermann , Johannes Gutenberg University, Mainz, Germany	444
17:15	THE BIOLOGY OF ENDOTHELIAL PROGENITOR CELLS (Invited Lecture) H.S. Kim , Seoul National University Hospital, Seoul, Korea	445
17:30	ENDOTHELIAL DYSFUNCTION IN ISCHEMIC HEART DISEASE: READY FOR THE CLINICIAN USE? (Invited Lecture) P. Perrone Filardi , Federico II University of Naples, Italy	446
17:45	REACTIVE OXYGEN SPECIES AND NEOVASCULARIZATION (Invited Lecture) M. Ushio-Fukai , University of Illinois at Chicago, Chicago, IL, USA	447
18:00	OXIDATIVE STRESS AND EXTRACELLULAR SOD IN CARDIOVASCULAR DISEASE (Invited Lecture) T. Fukai , University of Illinois at Chicago, Chicago, IL, USA	448
18:15	FLOW-MEDIATED DILATION AND ARTERIAL STIFFNESS: ARE REALLY USEFUL CLINICAL INDICES? (Invited Lecture) S. Koulouris , Evangelismos Hospital, Athens, Greece	449

S61	Session NEW APPROACHES TO SURGICAL REVASCLARIZATION, SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION	Abstract No.
	Chairpersons: Y. Naka , New York, NY, USA H.J. Schaefers , Hamburg, Germany	
16:45	HARVESTING THE SAPHENOUS VEIN WITH SURROUNDING TISSUE FOR CABG PROVIDES LONG-TERM GRAFT PATENCY COMPARABLE TO THE LEFT INTERNAL MAMMARY ARTERY: RESULTS OF A RANDOMIZED LONGITUDINAL TRIAL D.S. Souza , B. Johansson, L. Bojo, R. Karlsson, H. Geijer, D. Filbey, L. Bodin, M. Arbeus, M.R. Dashwood Orebro University Hospital, Orebro, Sweden	451
17:00	OUTCOMES OF PATIENTS BRIDGED TO HEART TRANSPLANTATION WITH VENTRICULAR ASSIST DEVICES Z. Abrahams , W. Mullens, H.N. Skouri, M. Hanna, D.O. Taylor, R.C. Starling, N.G. Smedira, G.V. Gonzalez-Stawinski Cleveland Clinic Foundation, Cleveland, Ohio, USA	452
17:15	PROPENSITY ANALYSIS OF SURVIVAL IN PATIENTS HAVING CORONARY BYPASS SURGERY WITH RADIAL ARTERY GRAFTS W. Cheng , M.A. De Robertis, J. Mirocha, L.S. Czer, R.M. Kass, G.P. Fontana, S.S. Raissi, A. Trento Cedars-Sinai Medical Center, Los Angeles, CA, USA	453
17:30	THE IMPORTANCE OF DIABETES AND RIGHT VENTRICULAR FUNCTION IN HEMODYNAMICALLY COMPROMISING REJECTION F. Haddad , P. Fisher, G. Berry, M. Perthro, D. Weisshaar, H. Valentine, R.C. Robbins, S.A. Hunt, Stanford University, Stanford, CA, USA	454
17:45	COGNITIVE OUTCOMES IN HIGH-RISK PATIENTS 1 YEAR AFTER OFF-PUMP VERSUS ON-PUMP CORONARY ARTERY BYPASS GRAFTING (CABG) B.O. Jensen , L.S. Rasmussen, D.A. Steinbruchel The Heart Center, Rigshospitalet, Copenhagen University Hospital, Copenhagen Denmark	455
18:00	20 H PRESERVATION OF ISOLATED HEARTS PERFUSED AT LOW FLOW WITH AIR-SATURATED LIFOR SOLUTION AT ROOM TEMPERATURE D.F. Stowe , J.S. Heisner, A.K.S. Camara, M. Aldakkak, D.R. Harder Medical College of Wisconsin, Milwaukee, WI, USA	456
18:15	ROBOTIC ATTACK IN VASCULAR SURGERY P. Stadler , P. Vitasek, P. Matous, L. Dvoracek Na Homolce Hospital, Praha, Czech Republic	457
18:30	ROBOTIC TOTALLY ENDOSCOPIC CORONARY ARTERY BYPASS AND PERCUTANEOUS CORONARY INTERVENTION. HYBRID REVASCLARIZATION FOR MULTIVESSEL CORONARY ARTERY DISEASE M.R. Katz , F. Van Praet, D. de Canniere, D. Murphy, L. Siwek, S. Srivastava, U. Seshadri-Kreaden, G. Friedrich, J. Bonatti Bon Secours Heart &Vascular Institute, Richmond, VA, USA	458



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16:45-19:30	S61 (cont.)	Hall C
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18:45	IMPACT OF PREVIOUS PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH DIABETIC TRIPLE-VESSEL DISEASE UNDERGOING CORONARY ARTERY BYPASS SURGERY M. Thielmann , M. Neuhauser, S. Knipp, E. Kottenberg-Assenmacher, A. Marr, M. Hartmann, M. Kamler, P. Massoudy, H. Jakob West-German Heart Center, University Hospital Essen, Essen, Germany	459
19:00	LEFT VENTRICULAR FUNCTION IMPROVES EARLY AFTER "OFF PUMP" CORONARY BYPASS (OPCAB) SURGERY N. Shaik , G. Ashrith, C. Bavare, A.E. Denktas, S.M. Sdringola, O. Rosales, F. Fuentes, H.A. Anderson, R.W. Smalling, G.V. Letsou University of Texas Medical School and Herman Memorial Heart and Vascular Institute, Houston, TX, USA	460
19:15	TOTALLY ENDOSCOPIC CORONARY ARTERY BYPASS GRAFTING USING THE DAVINCI TELEMANIPULATION SYSTEM – WHAT HAVE WE LEARNED AFTER MORE THAN 100 CASES? J. Bonatti , T. Schachner, N. Bonaros, A. Oehlinger, E. Ruetzler, G. Feuchtner, C. Kolbitsch, G. Friedrich, O. Pachinger, G. Laufer Innsbruck Medical University, Austria	461

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Poster Session

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2	<p>PHENTERMINE ALONE OR IN COMBINATION WITH TOPIRAMATE IS NOT ASSOCIATED WITH VALVULAR HEART DISEASE K.M. Gadde, J.G. Jollis, W.W. Day Duke University Medical Centre, Durham, NC, USA</p>	463
3	<p>ENDOCARDITIS AS COMPLICATION OF CENTRAL LINE INFECTIONS M.P. Chrissoheris, R. Ali, C. Libertin, A. Ghantous, T.J. Donohue Hospital of Saint Raphael, New Haven, CT, USA</p>	464
4	<p>CARPENTIER-EDWARDS SUPRA-ANNULAR MITRAL PORCINE BIOPROSTHESIS RE-ASSESSMENT AND EXPECTATIONS TO 18 YEARS W.R.E. Jamieson, V.M. Gudas, L.H. Burr, M.T. Janusz, G.J. Fradet, H Ling, E. Germann, S.V. Lichtenstein University of British Columbia, Vancouver, Canada</p>	465
5	<p>PERCUTANEOUS MITRAL BALLOON VALVULOPLASTY IN ASYMPTOMATIC PATIENTS M. Napodano, C. Fraccharo, G. Tarantini, R. Razzolini, S. Iliceto, A. Ramondo, University of Padova, Padova, Italy</p>	466
6	<p>SINGLE-SUTURE LINE PERICARDIAL STENTLESS VALVES: A NEW TOOL FOR AORTIC VALVE DISEASE A. Repossini, I. Kotelnikov, G. Caprioli, Humanitas Gavazzeni, Bergamo, Italy</p>	467
7	<p>POSTOPERATIVE VERSUS PREDICTED INCIDENCE OF PATIENT-PROSTHESIS MISS-MATCH FOLLOWING MITRAL VALVE REPLACEMENT USING STENTED BIOPROSTHESIS P. Totaro, V. Argano, Civic Hospital, Brescia, Italy</p>	468
8	<p>EVALUATION OF THE LEFT VENTRICULAR ASYNCHRONY IN PATIENTS WITH ATRIAL SEPTAL DEFECT BEFORE AND AFTER SURGICAL CLOSURE M. Esmaeilzadeh, A. Sadatnaseri, F. Noohi, M. Maleki, A. Mohebbi, S.Z.M. Ojaghi Haghighi, A. Sadeghpour, N. Samiei Shaheed Rajaie Cardiovascular Medical Center, Tehran, Iran</p>	469
9	<p>QUADRANT PULMONARY OEDEMA W. Mullens, J.L.C. De Keyser, K. Dujardin Jan Yperman Ziekenhuis, Ieper, West-Vlaanderen, Belgium</p>	470

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10	RESVERATROL ACTIVATES SRC HOMOMOLOGY 2-CONTAINING TYROSINE PHOSPHATASE AND INHIBITS ANGIOTENSIN II-INDUCED PROLIFERATION IN RAT CARDIAC FIBROBLASTS J.-C. Liu , Y.-L. Chen, C.-H. Chen, H. Lin, J.-J. Chen, T.-H. Cheng Taipei Medical University, Taipei Medical University-Wan Fang Hospital, Taipei, Taiwan, R.O.C	471
11	DIRECT EFFECTS OF LEPTIN ON MYOCARDIAL EXTRACELLULAR MATRIX COMPONENTS IN NEONATAL RAT CARDIAC FIBROBLASTS K.N. Schram , P. Rengasmay, M.C Wong, I. Dixon York University, Toronto, Ontario, Canada	472
12	INSULIN PROTECTS THE HEART AGAINST MI/R INJURY: A CROSS-TALK BETWEEN PI3K/AKT AND JNKs H.T. Liu, H.C. Wang, W.Y. Guo, F. Gao Xijing Hospital, Fourth Military Medical University, Xi'an, China	473
13	ATTENUATION OH HYPOOSMOTIC STRESS INDUCED ANP SECRETION IN HYPERTROPHIED ATRIA G. Bai, J.H. Han, K. Yuan, S.Z. Kim, W.H. Park, S.H. Kim Chonbuk National University Medical School, Jeonju, Korea	474
14	OVER-EXPRESSION OF CALRETICULIN IN ADULT CARDIAC MYOCYTES I. Neveux, J. McDonald, M. Valencik University of Nevada School of Medicine, Reno, NV, USA	476
15	A STRATEGY OF RETROGRADE INJECTION OF BONE MARROW MONONUCLEAR CELLS INTO THE MYOCARDIUM FOR THE TREATMENT OF ISCHEMIC HEART DISEASE S. Yokoyama , N. Fukuda, T. Kawano, Y. Watanabe, Y. Yamada, S. Takakura, S. Hirayama, S. Saito, Nihon University School of Medicine, Tokyo, Japan	477
16	ENDOTHELIN RECEPTOR ANTAGONIST CPU0213 REVERSES ISOPROTERENOL INDUCED DOWNREGULATION OF PHOSPHOLAMBAN AND FKBP12.6 Y. Feng , D.Z. Dai, China Pharmaceutical University, Nanjing, Jiangsu, China	478
17	STEM CELLS TO THE RESCUE: NOVEL TREATMENTS FOR ISCHEMIC HEART DISEASE D. Rosenstrauch , G. Poglajen, Y.J. Geng, N. Zidar, I.D. Gregoric J. Gill, T. Josef, H. Shelat, D.D. McPherson, J.T. Willerson The University of Texas Health Science Center at Houston, The Texas Heart Institute, and the Rice University, Houston, TX, USA	479
18	RELATION TO HELICOBACTER PYLORI AND CHLAMYDIA PNEUMONIAE IN PATIENT WITH MYOCARDIAL INFARCTION IN GORGAN H. Bazzazi , M.A. Ramezani, E. Ghaemi, A.R. Ahmadi, M. Bazouri, H.R. Pordeli, A. Mohamadi-Bondarkheyl Islamic Azad University-Gorgan Branch, Gorgan, Golestan, Iran	480

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19	MATRIX METALLOPROTEINASE-9 (MMP-9), MMP-2, AND SERUM ELASTASE ACTIVITY ARE ASSOCIATED WITH SYSTOLIC HYPERTENSION AND ARTERIAL STIFFNESS Yasmin , C.M. McEniery, S. Wallace, Z. Dhakam, P. Pusalkar, K. Maki-Petaja, M.J. Ashby, J.R. Cockcroft, I.B. Wilkinson University of Cambridge, Cambridge, UK	481
20	PREVENTION OF LEFT VENTRICULAR FUNCTION DETERIORATION IN PATIENTS WITH HYPERTENSION, ELEVATED LEFT VENTRICULAR END DIASTOLIC PRESSURE, NORMAL EJECTION FRACTION AND NORMAL CORONARIES C.O. Ezeugwu , D. Dada, The Johns Hopkins University School of Medicine, Baltimore, MD, USA	482
21	ROLE OF HEME OXYGENASE SYSTEM IN THE REGULATION OF CIRCULATION IN CONSCIOUS RATS H. Hirakawa , Y. Hayashida Chikuhou Social Insurance Hospital, Nogata, Fukuoka, Japan	483
22	SALT LOADING ON PLASMA ASYMMETRICAL DIMETHYLARGININE AND THE PROTECTIVE ROLE OF POTASSIUM SUPPLEMENT IN NORMOTENSIVE SALT-SENSITIVE ASIANS F. Yuan , M. Jian-Jun, H. Long-Chong, W. Si-Cen, L. Zhi-Quan Xian Jiaotong University Medical School No 1 Hospital, China	484
23	THE EFFECT OF HYPERTENSION ON SERUM NITRIC OXIDE AND VASCULAR ENDOTHELIAL GROWTH FACTOR CONCENTRATIONS. A STUDY IN DOCA-SALT HYPERTENSIVE OVARECTOMIZED RATS M. Khazaei , M. Nematbakhsh Medical University of Esfahan, Esfahan, Iran	485
24	ROLE OF COAGULATION FACTOR VII HYPERCOAGULANT ACTIVITY IN INSULIN-RESISTANT HYPERTENSIVE SUBJECTS R.A. Karatela , G.S. Sainani Jaslok Hospital and Research Centre, Mumbai, Maharashtra, India	486
25	HEART FAILURE WITH NORMAL ELECTROCARDIOGRAM. HYPERTENSION THE MOST PREVALENT ETIOLOGY N. Murga , J.L. Lopez-Sendon, M. Crespo, J. Aznar, L. Ruiz, A. Matali, J. Blanco, J. Aznar-Vicente, Hospital de Basurto, Bilbao, Spain	487
26	PLASMA LIPID LEVELS IN NEWLY DIAGNOSED HYPERTENSIVES IN NORTHEASTERN NIGERIA M.A. Talle , O. Enyikwola, A. Adelaiye College of Medical Sciences, University of Maiduguri, Maiduguri, Nigeria	488

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28	EFFECTS OF ROSUVASTATIN ON PROBNP LEVELS IN PATIENTS WITH CHRONIC ATRIAL FIBRILLATION E. Okuyan , D. Tigli, M.O. Levent, A. Uslu, A.E. Torun Serifebaci State Hospital, Kastamonu, Turkey	490
29	INFLUENCE OF APOLIPOPROTEIN A-I POLYMORPHISM ON RESPONSE TO PRAVASTATIN IN CHINESE HYPERCHOLESTEROLEMIC PATIENTS X.L. Zhao , F. Wu, J.F. Ji, S.J. Guo, S.M. Wang, H. Zhou, J.J. Li, Beijing Tongren Hospital, Affiliated to Capital Medical University, Beijing, China	491
30	OXIDIZED LDL CAN PREDICT THE SEVERITY OF ATHEROSCLEROSIS IN YOUNG PATIENTS WITH AN ACUTE CORONARY EVENT K. Triantafyllou, S. Koulouris , D. Sakellariou, S. Pastromas, M. El-Ali, A. Papanagioutou, C. Nounopoulos, A. Kalofoutis, V. Kokkinou, A.S. Manolis, Evangelismos General Hospital Athens, Athens University Medical School Athens, Greece	492
31	RELATIONSHIP BETWEEN TAQI POLYMORPHISMS AT CHOLESTEROL ESTER TRANSFER PROTEIN AND THE EFFICACY OF POLOCOSANOL X.L. Zhao , Y.L. Cui, F. Wu, S.J. Guo, S.M. Wang, H. Zhou, J.J. Li, J.F. Ji, Beijing Tongren Hospital, Beijing, China	493
32	RECOVERY OF IMPAIRED CORONARY FLOW RESERVE BY ROSUVASTATIN IN ACUTE CORONARY SYNDROME D.H. Kang , M.J. Kim, J.M. Song, M.K. Hong, J.K. Song, S.W. Park, S.J. Park, Asan Medical Center, Seoul, South Korea	494
33	COMPARISON OF THE EFFECTS OF LOW CALORIE DIET WITH LEVOSTATIN ON SERUM LIPOPROTEINS, APOB-100, HOMOCYSTEINE AND TOTAL ANTIOXIDANT CAPACITY IN OBESE HYPERLIPIDEMIC PATIENTS F. Shidfar , J. Hajmiresmail, S. Hosseyni, S. Shidfar, I. Heydari School of Medicine, Iran University of Medical Sciences, Tehran, Iran	495
34	RELATIONSHIP BETWEEN APOLIPOPROTEINB CONCENTRATIONS AND HDL SUBCLASSES DISTRIBUTION L. Tian, X. Wu, M. Fu , Y. Qin, Y. Xu, L. Jia, Y. Tian Sichuan University, Chengdu, Sichuan, People's Republic of China	496
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36	EFFECT OF SUPPLEMENTATION OF FENUGREEK SEEDS (TRIGONELLA FOENUM –GRAECUM) ON LIPID PROFILE OF HYPERCHOLESTEROLEMIC SUBJECTS A.M. Chutani , N. Dwivedi, S.T. Wig, All India Institute of Medical Sciences, New Delhi, India	498

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37	MORBIDITY AND MORTALITY OF PATIENTS WITH NORMAL ELECTROCARDIOGRAMS AND ACUTE MYOCARDIAL INFARCTIONS UNDERGOING DIRECT PERCUTANEOUS CORONARY INTERVENTION OF THE LEFT CIRCUMFLEX ARTERY J. Cavalcante , M. Al-Mallah, D. Kenigsberg, S.C. Krishnan, S. Khanal Henry Ford Heart & Vascular Institute, Detroit, MI, USA	499
38	PREVALENCE AND CHARACTERISTICS OF ECTASIA IN 10,500 PATIENTS HAVING CORONARY ANGIOGRAPHY G.D. Giannoglou, A.P. Antoniadis , Y.S. Chatzizisis, E. Damvopoulou, G.E. Parcharidis, G.E. Louridas, AHEPA University Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece	500
39	EFFECT OF PERCUSURGE DEVICE ON MICROVASCULATURE INTEGRITY AND OUTCOME DURING PRIMARY CORONARY INTERVENTION H.K. Yip , C.J. Wu Chang Gung Memorial Hospital, Chang Gung Medical University, Kaohsiung, Taiwan, ROC	501
40	GENDER RELATED DIFFERENCES IN 17500 CASES HAVING CORONARY ANGIOGRAPHY G.D. Giannoglou, A.P. Antoniadis , Y.S. Chatzizisis, E. Damvopoulou, G.E. Parcharidis, G.E. Louridas AHEPA University Hospital, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece	502
41	PREVALENCE OF OBSTRUCTIVE CORONARY ARTERY DISEASE IN PATIENTS WITH AND WITHOUT STROKE UNDERGOING CORONARY ANGIOGRAPHY FOR CHEST PAIN R. Sandhu , W.S. Aronow, R. Sukhija, A. Rajdev New York Medical College, Valhalla, NY, USA	503
42	PREVALENCE AND CHARACTERISTICS OF LEFT MAIN CORONARY ARTERY DISEASE IN 17,300 CASES G.D. Giannoglou, A.P. Antoniadis , Y.S. Chatzizisis, E. Damvopoulou, G.E. Parcharidis, G.E. Louridas, AHEPA University Hospital, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece	504
43	PREDICTORS OF 30-DAY MORTALITY IN PATIENTS WITH STEMI TREATED WITH PRIMARY ANGIOPLASTY M. Pyda , M. Lanocha, M. Korybalska, K. Ksiazek, S. Grajek, A. Katarzynska, M. Lesiak, M. Grygier, J. Witowski, A. Cieslinski University of Medical Sciences, Poznan, Poland	505
44	A CONTRAST REMOVAL SYSTEM FROM THE CORONARY SINUS USING AN ADSORBING COLUMN DURING CORONARY ANGIOGRAPHY IN SWINE I. Michishita , Yokohama Sakae Kyosai Hospital, Yokohama, Japan	506
45	PROGNOSIS ACCORDING TO GENDER AFTER PERCUTANEOUS CORONARY INTERVENTION J. Lacalzada , A. Barragan, A. Duque, G. Yanes, C. Enjuanes, I. Hernandez, S. Rodriguez, I. Laynez, F. Bosa, F. Marrero Universitary Hospital, La Laguna, Tenerife, Spain	507

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47	<p>PREDICTORS AND TIME-RELATED IMPACT OF DISTAL EMBOLIZATION DURING DIRECT ANGIOPLASTY M. Napodano, C. Fraccaro, G. Tarantini, R. Razzolini, S. Illiceto, A. Ramondo, University of Padova, Padova, Italy</p>	509
48	<p>EFFECTS OF LEVOSIMENDAN VERSUS DOBUTAMINE ON LEFT VENTRICULAR DIASTOLIC FUNCTION IN PATIENTS WITH CARDIOGENIC SHOCK AFTER PRIMARY ANGIOPLASTY A. Dominguez-Rodriguez, S. Samimi-Fard, M.J. Garcia-Gonzalez, P. Abreu-Gonzalez, University Hospital of Canarias, Tenerife, Spain</p>	510
49	<p>THROMBUS ASPIRATION WITH EXPORT CATHETER IN ST ELEVATION MYOCARDIAL INFARCTION G. Vittori, M. Margheri, T. Chechi, E. Falchetti, J. Cosgrave, G. Spaziani, I. Ricceri, C. Giglioli, S. Valente, G.F. Gensini Azienda Ospedaliero Universitaria Careggi, Florence, Italy</p>	511
50	<p>DYNAMICS OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH RECURRENT ISCHEMIA AFTER PERCUTANEOUS REVASCULARIZATION V.A. Kuznetsov, G.V. Kolunin, I.P. Zyrianov, A.V. Panin, D.V. Krinochkin, L.J. Frazin, E.A. Gorbatenko, P.I. Pavlov, M.I. Bessonova, A.V. Pavlov Tyumen Cardiology Center, Tyumen, Russia</p>	512
51	<p>PATIENTS UNDERGOING CORONARY ANGIOPLASTY IN 2005 ARE OLDER AND HAVE A HIGHER PREVALENCE OF DIABETES, HYPERTENSION, AND INCREASED BODY MASS INDEX THAN PATIENTS UNDERGOING CORONARY ANGIOPLASTY IN 1996 K. Kalapatapu, H. Dilmanian, W.S. Aronow, S. Kaplan, A.L. Pucillo, M.B. Weiss, C.E. Monsen, New York Medical College, Valhalla, NY, USA</p>	513
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53	<p>ANTIPLATELET AGENTS USE ASSOCIATED WITH REDUCED SEVERITY OF ACUTE ISCHEMIC STROKE M. Moonis, L. Busekroos, K. Kane, M. Fisher UMass Medical Center, Worcester, MA, USA</p>	516

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55	NEUTROPHILS AND INTERLEUKIN-6 PREDICT LONG-TERM SURVIVAL AFTER ACUTE MYOCARDIAL INFARCTIONS P. Jaremo , O. Nilsson, The Vrinnevi Hospital, Norrköping, Sweden	518
56	FACTORS PREDICTIVE OF INPATIENT HOSPITAL MORTALITY AFTER ACUTE ISCHEMIC STROKE M. Moonis , K. Kane, M. Fisher, UMass Medical Center, Worcester, MA, USA	519
57	ADVERSE DRUG REACTIONS AND THE TREATMENT OF WOMEN WITH CORONARY ARTERY DISEASE J.R. Enriquez , P. Pratap, J.P. Zbilut, J.E. Calvin, A.S. Volgman Rush University Medical Center, Chicago, IL, USA	520
58	INCREASED SYMPTOMS OF FATIGUE IN THE COURSE OF A 12-MONTH PERIOD PREDICT READMISSION IN CHRONIC HEART FAILURE O.R.F. Smith , A.A. Schiffer, J.B. Winter, Y. Gidron Tilburg University, Tilburg, The Netherlands	521
59	RELATIONSHIP BETWEEN CURRENT HELICOBACTER PYLORI INFECTION AND CORONARY ARTERY DISEASE S.H. Her , H.J. Yoon, D.B. Kim, J.M. Lee, S.W. Jin, P.J. Kim, H.Y. Kim, K.B. Kim, J.H. Kim, J.H. Kim, College of Medicine, The Catholic University of Korea, Korea	522
60	STERNAL WOUND INFECTIONS FOLLOWING CARDIAC SURGERY: RISK FACTOR ANALYSIS AND INTERDISCIPLINARY TREATMENT T. Strecker , J. Roesch, A. Bach, R.E. Horch, M. Weyand, U. Kneser Friedrich-Alexander-University of Erlangen-Nuremberg, Center of Cardiac Surgery, Germany	523
61	D-DIMER AS A RISK FACTOR FOR OCCULT CANCER AND CARDIOVASCULAR EVENTS IN THE PROLONG STUDY B. Cosmi , C. Legnani, E. Favaretto, G. Guazzaloca, A. Tripodi, G. Palareti, S. Orsola-Malpighi University Hospital, Dept. of Angiology and Blood Coagulation "M.Golinelli", Bologna, Italy	524
62	IMPACT OF CARDIOVASCULAR HEALTH STATUS ON PERFORMANCE OF SIX-MINUTE WALK TEST AMONG FILIPINOS C.O.B. Aquino , R.F.J. Abarquez, F.E.R. Punzalan, E.P. Pacheco, D.P. Solimen, Philippine General Hospital, Manila, Philippines	525

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THERAPEUTIC DRUGS DURING HEALING MYOCARDIAL INFARCTS MODIFY INFARCT COLLAGENS, AND VENTRICULAR DISTENSIBILITY B.I. Jugdutt , H. Idikio, R. Uwiera, University of Alberta, Edmonton, Alberta, Canada	

P410:	Poster Session	
Board No.	Abstract No.	
	ACUTE CORONARY SYNDROME, ACUTE MI, BIOCHEMICAL MARKERS, ANTI-THROMBOTIC THERAPY	
70	<p>MYELOPEROXIDASE CONCENTRATION PREDICTS SYSTEMIC INFLAMMATORY RESPONSE SYNDROME IN ACUTE MYOCARDIAL INFARCTION</p> <p>M.J. Garcia-Gonzalez, A. Dominguez-Rodriguez, P. Abreu-Gonzalez, S. Samimi-Fard, A. Sanchez-Grande Flecha Hospital Universitario de Canarias, La Laguna, Tenerife, Spain</p>	534
71	<p>HIGH-DOSE SINGLE-BOLUS SHORT-INFUSION IIB/IIIA INHIBITION WITH TIROFIBAN IN PERIPHERAL INTERVENTIONS</p> <p>D.E. Allie, C.J. Hebert, M.D. Lirtzman, C.H. Wyatt, V.A. Keller, R. Patlola, E.V. Mitran, C.M. Walker Cardiovascular Institute of the South, Lafayette, LA, USA</p>	535
72	<p>INTERMITTENT PERIPHERAL TISSUE ISCHEMIA DURING CORONARY ISCHEMIA REDUCES MYOCARDIAL INFARCTION THROUGH A K-ATP DEPENDENT MECHANISM: FIRST DEMONSTRATION OF REMOTE ISCHEMIC PERCONDITIONING</p> <p>M.R. Schmidt, M. Smerup, I.E. Konstantinov, M. Shimizu, J. Li, M. Cheung, P.A. White, K.E. Sorensen, A. Redington, R. Kharbanda Aarhus University Hospital, Aarhus, Denmark</p>	536
73	<p>TROPONIN INTRODUCTION INCREASED THE NUMBER OF PATIENTS WITH A DISCHARGE DIAGNOSIS OF MYOCARDIAL INFARCTION BUT DID NOT CHANGE OVERALL MORTALITY: A TWELVE-YEAR EXPERIENCE FROM A TERTIARY CARE CENTER</p> <p>F.J. Al Badarin, R. Hasan, M. Jankawski, S. Khanal, J. McCord Henry Ford Hospital, Detroit, MI, USA</p>	537
74	<p>EFFICACY AND SAFETY OF BIVALIRUDIN VERSUS HEPARINS IN REDUCTION OF CARDIAC OUTCOMES IN ACUTE CORONARY SYNDROME AND PCI</p> <p>S. Singh, J. Molnar, R. Arora, Chicago Medical School, Chicago, IL, USA</p>	538
75	<p>ELEVATED CARDIAC TROPONIN I LEVELS IN PATIENTS WITH AND WITHOUT MYOCARDIAL INFARCTION</p> <p>M. Blich, A. Sebbag, J. Attias, W. Markiewicz, Rambam Medical Center, Haifa, Israel</p>	539
76	<p>THE PROGNOSTIC VALUE OF THE 12-LEAD ELECTROCARDIOGRAM (ECG) IN PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROMES (ACS): INSIGHTS FROM THE GLOBAL REGISTRY OF ACUTE CORONARY EVENTS (GRACE) ECG SUBSTUDY</p> <p>M. Petrina, K.A. Eagle, J. Lopez-Sendon, P.G. Steg, K.A. Fox, M. Stiles, A. Quill, S.G. Goodman, Michael Reese Hospital, University of Illinois at Chicago, Chicago, IL, USA</p>	540
	P411: Poster Session	
	NEW CONCEPTS IN STRESS TESTING AND ECHOCARDIOGRAPHY	541
77	<p>ASSESSMENT OF DOPPLER DERIVED CORONARY FLOW RESERVE ADDS FURTHER DIAGNOSTIC VALUE TO BOTH STANDARD AND STRAIN-RATE DOBUTAMINE STRESS ECHOCARDIOGRAPHY</p> <p>A. Vitarelli, Y. Conde, E. Cimino, S. D'Orazio, S. Stellato, D. Battaglia, V. Padella, F. Caranci, G. Continanza, O. Dettori, La Sapienza University, Rome, Italy</p>	



INTERNATIONAL ACADEMY OF CARDIOLOGY

13th WORLD CONGRESS ON

HEART DISEASE

ANNUAL SCIENTIFIC SESSIONS 2007

VANCOUVER, BC, CANADA, JULY 28-31, 2007

**SCIENTIFIC
PROGRAM**

Tuesday, July 31, 2007

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TUESDAY, JULY 31, 2007

08:30-11:15 Hall A

PL17:	Plenary Session	
	NEW HORIZONS IN THE MANAGEMENT OF HEART FAILURE	
	Chairpersons: R.E. Hobbs , Cleveland, OH, USA J.N. Nanas , Athens, Greece	Abstract No.
08:30	THE ROLE OF HEART FAILURE CASE MANAGEMENT PROGRAM AND OUTCOMES (Invited Lecture) A. Ducharme , Montreal Heart Institute, Montreal, Quebec, Canada	542
08:45	CARDIOVASCULAR DISEASE IN RENAL FAILURE: WHAT'S NEW? (Invited Lecture) R.R. Wenzel , Clinic of Internal Medicine Cardiology & Nephrology, Teaching Hospital of the Paracelsus University Salzburg, Zell am See, Austria	543
09:00	AQUARETIC AGENTS IN HEART FAILURE (Invited Lecture) R.E. Hobbs , Cleveland Clinic, Cleveland, OH, USA	544
09:15	INOTROPES IN ADVANCED HEART FAILURE. A MINORITY OPINION (Invited Lecture) J.N. Nanas , University of Athens Medical School, Athens, Greece	545
09:30	THE (PRO)RENIN RECEPTOR: A NEW ADDITION TO THE RENIN-ANGIOTENSIN SYSTEM? (Invited Lecture) A.H.J. Danser , Erasmus Medical Center, Rotterdam, The Netherlands	546
09:45	CHANGING PARADIGMS OF CARDIOVASCULAR INTERVENTIONS (Invited Lecture) H.K. Reddy , R.C. Komatireddy, D.J. Voelker, G. Bhatt University of Arkansas for Medical Sciences, Little Rock, AR, USA	547
10:00	THE IMPACT OF BETA BLOCKERS ON CENTRAL SLEEP APNEA IN CHRONIC HEART FAILURE (Invited Lecture) A. Tamura , Oita University, Yufu, Japan	548
10:15	METABOLIC THERAPY FOR THE TREATMENT OF HEART FAILURE (Invited Lecture) G. Rosano , IRCCS San Raffaele Roma, Italy	549
10:30	THE ROLE OF TGF-BETA SIGNALING IN HEALING MYOCARDIAL INFARCTS – MECHANISTIC CONCEPTS AND CLINICAL IMPLICATIONS (Invited Lecture) N.G. Frangogiannis , Baylor College of Medicine, Houston, TX, USA	550
10:45	METABOLIC MODULATION IN HEART FAILURE: HOPE OR HYPE? (Invited Lecture) W.H. Tang , Cleveland Clinic, Cleveland, OH, USA	551
11:00	LONG-TERM TRIMETAZIDINE TREATMENT REDUCES MORTALITY AND IMPROVES CLINICAL STATUS OF PATIENTS WITH ISCHEMIC DILATED CARDIOMYOPATHY P. Di Napoli , P. Di Giovanni, M.A. Gaeta, G. D'Apolito, S. De Iorio, A. Barsotti, Casa di Cura Villa Pini d'Abruzzo, Chieti, Italy	552
11:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

TUESDAY, JULY 31, 2007

08:30-11:15 Hall B

PL18:	Plenary Session	
	CARDIOPROTECTIVE MECHANISMS IN MYOCARDIAL ISCHEMIA	
	Chairpersons: W. Laskey , Albuquerque, NM, USA C. Szabo , Seattle, WA, USA	Abstract No.
08:30	PEPTIDE-INDUCED CARDIOPROTECTION - INSIGHTS INTO NOVEL MECHANISMS (Invited Lecture) C.L. Wainwright , S.K. Walsh, K.A. Kane The Robert Gordon University, Aberdeen, Scotland, UK	553
08:45	ROLE OF PROTEIN KINASE C IN REPERFUSION ARRHYTHMIAS (Invited Lecture) M. Boutjdir , VA NY Harbor Healthcare System, SUNY Downstate Medical Center and NYU School of Medicine, NY, USA	554
09:00	ISCHEMIC PRE-AND POST-CONDITIONING: CLINICALLY RELEVANT OR NOT? (Invited Lecture) W. Laskey , University of New Mexico, Albuquerque, NM, USA	555
09:15	CYTOPROTECTIVE AND CARDIOPROTECTIVE EFFECTS OF HYDROGEN SULFIDE (Invited Lecture) C. Szabo , Ikaria Inc, Seattle, WA, USA	556
09:30	LIMITING MYOCARDIAL ISCHEMIA-REPERFUSION INJURY: PRECONDITIONING, POSTCONDITIONING AND BEYOND (Invited Lecture) K. Przyklenk , UMass Medical School, Worcester, MA, USA	557
09:45	TEMPORARY CORONARY OCCLUSION DURING OFF-PUMP CORONARY ARTERY BYPASS GRAFTING WITH THE NEW POLOXAMER P047 DOES NOT CAUSE ENDOTHELIAL DYSFUNCTION IN EPICARDIAL CORONARY ARTERIES (Invited Lecture) O. Bouchot, M.C. Aubin, M. Carrier, W.E. Cohn, L.P. Perrault Montreal Heart Institute, Montreal, QC, Canada	558
10:00	INSULIN-TRIGGERED CELL SURVIVAL SIGNALING AND ITS PROTECTION AGAINST MYOCARDIAL ISCHEMIA/REPERFUSION INJURY (Invited Lecture) H.C. Wang, F. Gao , Xijing Hospital, Fourth Military Medical University, Xi'an, China	559
10:15	DNAZYMES IN THE TREATMENT OF CARDIOVASCULAR DISEASE (Invited Lecture) H.C. Lowe , L.M. Khachigian, Concord Repatriation General Hospital, NSW, Centre for Vascular Research, NSW, Australia	560
10:30	CARDIOPROTECTIVE ACTIONS OF ADIPONECTIN (Invited Lecture) N. Ouchi , Boston University School of Medicine, Boston, MA, USA	561
10:45	THE NO-REFLOW PHENOMENON: DIAGNOSIS AND TREATMENT (Invited Lecture) L. Galiuto , Catholic University of the Sacred Heart, Rome, Italy	562
11:00	MITOCHONDRIAL ATP-SENSITIVE POTASSIUM CHANNEL OPENING ATTENUATES POSTISCHEMIC MYOCARDIAL HYPEROXYGENATION S. Zhou, B. Liu, X. Zhu, J.L. Zweier, G. He The Ohio State University, Columbus, OH, USA	563
11:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

S64

Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairpersons: **Y. Charuzi**, Los Angeles, CA, USA
L.S. Czer, Los Angeles, CA, USA

Abstract No.

08:30	ACCURACY OF IN VIVO CORONARY PLAQUE MORPHOLOGY ASSESSMENT: A VALIDATION STUDY OF IN VIVO VIRTUAL HISTOLOGY COMPARED WITH IN VITRO HISTOPATHOLOGY K. Nasu , E. Tsuchikane, O. Katoh, M. Terashima, T. Suzuki Toyohashi Heart Center, Toyohashi, Aichi, Japan	564
08:45	DELAYED ENHANCEMENT MAGNETIC RESONANCE IMAGING AND END-DIASTOLIC WALL THICKNESS IN THE PREDICTION OF RECOVERY OF LEFT VENTRICULAR FUNCTION AFTER CORONARY ARTERY BYPASS SURGERY R. Krittayaphong , T. Boonyasirinant, P. Saiviroonporn, S. Nakyen, P. Thanapiboonpol, C. Kangkagate, Siriraj Hospital, Mahidol University, Bangkok, Thailand	565
09:00	NON-INVASIVE DIAGNOSIS OF CORONARY ARTERY DISEASE USING CARDIOGONIOMETRY PERFORMED AT REST M. Schupbach , B. Emese, P. Loretan, E. Sanz, B. Meier University Hospital, Bern, Switzerland	566
09:15	A NEW METHOD FOR THE NON-INVASIVE ASSESSMENT OF PERIPHERAL ARTERY DISEASE H.J. Semler , J. McNames, S. Semler Good Samaritan Hospital, Portland, OR, USA	567
09:30	ECHOCARDIOGRAPHIC CHARACTERISTICS OF PROFESSIONAL FOOTBALL PLAYERS A.M. Hutter Jr , W.B. Abernathy, J.K. Choo, Massachusetts General Hospital, Boston, MA, USA	568
09:45	INCIDENCE OF SIGNIFICANT CORONARY ARTERY DISEASE WITH ZERO CALCIUM SCORES IN A DIVERSE PATIENT POPULATION WITH A CLINICAL SUSPICION OF ISCHEMIC HEART DISEASE: INCREMENTAL VALUE OF 64-SLICE CT CORONARY ANGIOGRAPHY OVER CALCIUM SCAN T.K. Jarreau , S. Khoobiar, A. Novic, R. Shoenfeld, M. Cohen, C. Chen Newark Beth Israel Medical Center, Newark, NJ, USA	569
10:00	MULTISLICE COMPUTER TOMOGRAPHIC ANGIOGRAPHY FOR EVALUATION OF CORONARY ARTERY LESION MORPHOLOGY AND RELATION TO CLINICAL PRESENTATION G.J. Friedrich , S. Abbrederis, W. Koelli, F. Weidinger, H. Alber, J. Doerler, A. Suessenbacher, W. Grandner, O. Pachinger, G.M. Feuchtner, Innsbruck Medical University, Innsbruck, Austria	570
10:15	IS M-MODE ECHOCARDIOGRAPHY A RELIABLE METHOD FOR V-V OPTIMIZATION DURING CARDIAC RESYNCHRONIZATION THERAPY? H. Acosta , V.R. Pothula, D. Adams, A.D. Waggoner Trinity Medical Center Rock Island IL, USA	571

TUESDAY, JULY 31, 2007

08:30 – 11:15	S64 (cont.)	Hall D
		Abstract No.
10:30	FRAGMENTED QRS IN BUNDLE BRANCH BLOCK ON A 12-LEAD ECG PREDICTS MYOCARDIAL SCAR H.S. Suradi , W. Maskoun, M.A. Michael, H. El Masry, M.K. Das Krannert Institute of Cardiology, Indiana University, Indianapolis, IN, USA	572
10:45	SPECKLE TRACKING ECHOCARDIOGRAPHY (STE) - VARIABILITY AND REPRODUCIBILITY STUDY K. Abozguia , G. Nallur Shivu, T.T. Phan, I. Ahmed, R.P. Steeds, M.P. Frenneaux, University of Birmingham, Birmingham, UK	573
11:00	STRESS NUCLEAR AND STRESS ECHOCARDIOGRAPHY IN PATIENTS WITH SEVERE BALANCED CORONARY ARTERY DISEASE P. Vennalaganti, E.J. Altman , M. Travin, S. Doddamani, D. Malhotra, G.M. Gordon, D.M. Spevack Montefiore Medical Center, New York, NY, USA	574
11:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	
11:15-14:00		Hall A
PL19:	Plenary Session DEVICES AND SURGICAL THERAPIES FOR HEART FAILURE Chairpersons: R. Hetzer , Berlin, Germany M.R. Johnson , Madison, WI, USA	
11:15	BAROREFLEX ACTIVATION THERAPY FOR THE TREATMENT OF HEART FAILURE (Invited Lecture) H. Sabbah , Henry Ford Health System, Detroit, MI, USA	575
11:30	SURGICAL OPTIONS FOR END-STAGE HEART FAILURE (Invited Lecture) R. Hetzer , C. Knosalla, Deutsches Herzzentrum Berlin, Germany	576
11:45	THE SELECTION OF PATIENTS WITH HEART FAILURE WHO BENEFIT FROM CARDIAC RESYNCHRONIZATION THERAPY (Invited Lecture) M.H. Pitzalis , The Brody School of Medicine, ECU, USA	577
12:00	HEART RETRANSPLANTATION: IS IT A VIABLE OPTION AND IF SO, WHEN? (Invited Lecture) M.R. Johnson , K.D. Aaronson, C.E. Canter, J.K. Kirklin, D.M. Mancini, M.R. Mehra, B. Radovancevic, D.O. Taylor, S.A. Webber University of Wisconsin, Madison, WI, USA	578
12:15	PEDIATRIC MECHANICAL CIRCULATORY SUPPORT: NEW DEVICES AND LATEST DEVELOPMENTS (Invited Lecture) B.W. Duncan , Pediatric and Congenital Heart Surgery, Cleveland Clinic, Cleveland, OH, USA	579

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11:15-14:00		PL19(Cont)	Hall A
			Abstract No.
12:30	DONOR CARDIAC ALLOGRAFTS WITH MILD OR MODERATE LVH CAN BE SAFELY USED FOR TRANSPLANTATION L. Czer , S. Goland, R. Siegel, J. Mirocha, M. De Robertis, J. Lee, B. Coleman, A. Trento, Divisions of Cardiology and Cardiothoracic Surgery, Cedars-Sinai Medical Center, Los Angeles, California, USA		671
12:45	MANAGEMENT AND EVALUATION OF HEART FAILURE AFTER CARDIAC RESYNCHRONIZATION THERAPY (Invited Lecture) J.M. Aranda, Jr. , University of Florida College of Medicine, Gainesville, FL, USA		580
13:00	ICD THERAPY IN PATIENTS WITH ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY (Invited Lecture) F. Duru , University Hospital, Zurich, Switzerland		581
13:15	PATIENT SELECTION FOR LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION AN ENDLESSLY MOVING TARGET (Invited Lecture) Y. Naka , Columbia University, New York, NY, USA		582
13:30	PERCUTANEOUS LEFT VENTRICULAR SUPPORT (Invited Lecture) J.P.S. Henriques , K.D. Sjauw Academic Medical Center, Amsterdam, The Netherlands		583
13:45	CARDIAC RESYNCHRONIZATION THERAPY IN PATIENTS WHO DO NOT CONFORM TO THE OFFICIAL GUIDELINES (Invited Lecture) I.E. Ovsyshcher , Ben Gurion University, Beer Sheva, Israel		584
11:15-14:00			Hall B
PL20:	Plenary Session ISCHEMIC HEART DISEASE: EPIDEMIOLOGY, RISK ASSESSMENT AND NEW TREATMENT STRATEGIES		
	Chairpersons: L.C. Becker , Baltimore, MD, USA U. Thadani , Oklahoma City, OK, USA		
11:15	TREATMENT OF STABLE ANGINA: WHAT WORKS AND WHAT IS NEW (Invited Lecture) U. Thadani , University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA		585
11:30	ASPIRIN RESISTANCE: FACT OR FALLACY? (Invited Lecture) L.C. Becker , N. Faraday, J.E. Herrera-Galeano, L.R. Yanek, M.D. Fallin, T. Moy, A.F. Wilson, P.F. Bray, D.M. Becker Johns Hopkins University School of Medicine, Baltimore, MD, USA		586
11:45	SECONDARY PREVENTION OF CORONARY HEART DISEASE IN WOMEN (Invited Lecture) V. Bittner , University of Alabama at Birmingham, Birmingham, AL, USA		587
12:00	HEART DISEASE IN AFRICA: IS THERE AN EPIDEMIOLOGIC TRANSITION (Invited Lecture) P.J. Commerford , University of Cape Town, Cape Town, South Africa		588



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11:15-14:00	PL20(Cont)	Hall B
		Abstract No.
12:15	PERSONALIZED PROGNOSIS FOR DECISION MAKING: ACTUALIZING THE FRAMINGHAM DREAM IN THE 21ST CENTURY (Invited Lecture) E.H. Blackstone , Cleveland Clinic, Cleveland, OH, USA	589
12:30	WHY DO MEN HAVE MORE HEART DISEASE THAN WOMEN? (Invited Lecture) K.S. Channer , Royal Hallamshire Hospital, Sheffield, S Yorkshire, UK	590
12:45	DEVICE MANAGEMENT OF REFRACTORY ANGINA: EFFECTIVE THERAPY OR WASTE OF TIME? (Invited Lecture) G.W. Barsness , Mayo Clinic, Rochester, MN, USA	591
13:00	EVIDENCE-BASED ALTERNATIVE AND COMPLEMENTARY THERAPIES FOR CVD (Invited Lecture) M. Paul-Labrador , Cedars-Sinai Medical Center, Los Angeles, CA, USA	592
13:15	CORONARY ARTERY DISEASE IN ASIAN INDIANS (Invited Lecture) N.C. Bhalodkar , Bronx Lebanon Hospital, Bronx, NY, USA	593
13:30	EFFECTIVENESS OF CARDIAC DRUGS IN WOMEN (Invited Lecture) L. Pilote , McGill University Health Center, Montreal, Quebec, Canada	594
13:45	BIOMARKERS IN UNSTABLE SYNDROMES D. Tousoulis , Athens University Medical School, Athens, Greece	

P501: Poster Session**COMPUTER TOMOGRAPHY/MAGNETIC RESONANCE: CLINICAL**

Board No.		Abstract No.
1	LEFT ATRIAL TRANSPORT FUNCTION AFTER THE MAZE PROCEDURE ASSESSED BY CINE MAGNETIC RESONANCE IMAGING H. Yasuda , G. Matsumiya, M. Yoshitatsu, H. Matsue, T. Higuchi, K. Kitabayashi, Y. Sawa, S. Hamada, Osaka University School of Medicine, Suita, Osaka, Japan	595
2	POSTMORTEM INSITU MRI OF MYOCARDIAL INFARCTION STAGES CORRELATED TO AUTOPSY AND HISTOLOGY C. Jackowski , A. Christe, M. Sonnenschein, E. Aghayev, M.J. Thali Institute of Forensic Medicine, University of Bern, Switzerland	596
3	31P NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY OF THE MYOCARDIUM AT 3 TESLA G. Nallur Shivu , K. Abozguia, T.T. Phan, M.P. Frenneaux University of Birmingham, Birmingham, West Midlands, UK	597
4	MULTISLICE COMPUTER TOMOGRAPHIC CORONARY ANGIOGRAPHY FOR PREOPERATIVE RISK STRATIFICATION IN PATIENTS UNDERGOING LIVER TRANSPLANTATION S. Abbrederis, G. Feuchtner, O. Pachinger, W. Vogel, E. Gassner, I. Graziadei, G.J. Friedrich , Innsbruck Medical University, Innsbruck, Austria	598
5	CORONARY AND AORTIC CALCIUM ASSESSMENT: IMPLICATIONS FOR EVALUATING CARDIOVASCULAR DISEASE RISK N.D. Wong , Heart Disease Prevention Program, Division of Cardiology, University of California, Irvine, CA, USA	599
6	MULTIDETECTOR CT CORONARY ANGIOGRAPHY: EVOLVING NICHE IN ROUTINE UK CLINICAL PRACTICE J.D.S. Higginson , Ulster Hospital, Belfast, UK	600
7	BOLD-MRI OF THE SKELETAL MUSCLE DURING ISCHEMIA IN PATIENTS WITH PAOD AND A CONTROL-GROUP S. Potthast , A.C. Schulte, M. Aschwanden, D. Bilecen University of Basel, Switzerland	601
8	VALIDITY OF 64-DECTOR MULTISLICE SPIRAL COMPUTE TOMOGRAPHY IN THE DISCRIMINATION BETWEEN ISCHEMIC AND NONISCHEMIC DILATED CARDIOMYOPATHIES J.H. Koh , M.Y. Kim, J.Y. Do, Kwandong University, Goyang, Gyeonggi, South Korea	602

P502: Poster Session		
DRUG THERAPY IN HEART FAILURE		
Board No.		Abstract No.
9	IMPACT OF OLMESARTAN ON PLASMA BRAIN NATRIURETIC PEPTIDE LEVELS IN AMBULATORY PATIENTS WITH HYPERTENSION A. Duque , A. Barragan, J. Lacalzada, C. Perera, A. De La Rosa, A. Lara, G. Yanes, I. Laynez, Hospital Universitario de Canarias, La Laguna, Santa Cruz de Tenerife, Spain	603
10	EFFICACY AND SAFETY OF CARVEDILOL IN PATIENT WITH BTA-THALASSEMIA MAJOR AND DILATED CARDIOMYOPATHY G.H. Ajami , H. Amoozgar, M. Borzoei, M. Karimi, F. Piravian, F. Ashrafi, F. Beladi, Shiraz Medical School, Shiraz, Fars, Iran	604
11	THE EFFECT OF CONCOMITANT USE OF NEBIVOLOL AND SPIRONOLACTONE IN PATIENTS WITH MILD TO MODERATE CONGESTIVE HEART FAILURE N. Krstic , M. Pavlovic, Z. Perisic, D. Milic, S. Salinger, A. Stojkovic, V. Erakovic, Medical Faculty, Nis, Serbia	605
12	ENDOTHELIN MEDIATES THE EFFECTS OF ACTIVATION OF BETA-RECEPTOR ON FKBP1 2.6 AND SERCA2A THAT RELATES TO PKC-EPSILON PATHWAY N. Li , N. Jia, D.Z. Dai, Y. Dai, China Pharmaceutical University, Nanjing, China	606
P503: Poster Session		
MECHANICAL SUPPORT, LEFT VENTRICULAR ASSIST DEVICES		
13	CARDIAC DEVICES-THE FUTURE IS NOW H.S. Arora , P. Loyalka, B. Kar, R. Delgado Texas Heart Institute/St Lukes Episcopal Institute, Houston, TX, USA	607
14	MECHANICAL CIRCULATORY ASSISTANCE AS A BRIDGE TO HEART TRANSPLANTATION. THE ONASSIS CARDIAC SURGERY CENTRE EXPERIENCE A. Gkouziouta , P. Sfirakis, S. Adamopoulos, A. Manginas, G. Karavolias, L. Tsourelis, Th. Antoniou, G. Theodorakis, D. Cockinos, P. Alivizatos Onasis Cardiac Surgery Centre, Athens, Greece	608
15	ACUTE NECROTIZING EOSINOPHILIC MYOCARDITIS: BRIDGE TO RECOVERY WITH VENTRICULAR ASSIST DEVICE SUPPORT L. Samuels , J. Kohout, E. Ghosh, K. Hagan, S. Imaizumi, F. Ferdinand Lankenau Hospital, Wynnewood, PA, USA	609

TUESDAY, JULY 31, 2007

08:30 – 12:30

Poster Hall

P504:	Poster Session	
Board No.	VALVULAR HEART DISEASE/ HEART VALVE SURGERY II	Abstract No.
16	POSTERIOR PERICARDIAL APPROACH FOR ASCENDING-TO-DESCENDING AORTIC BYPASS FOR ANASTOMOTIC LEAK OF INFECTED INTERPOSITIONAL GRAFT Y.L. Chua , M. Nakao, S.L. Lim, K.H. Tay Department of Cardiothoracic Surgery, National Heart Centre, Singapore	610
17	EFFECT OF PATIENT-PROSTHESIS MISMATCH ON LONG-TERM SURVIVAL: ASSESSMENT TO 15 YEARS WITH AORTIC VALVE REPLACEMENT W.R.E. Jamieson , P. Pibarot, J.G. Dumesnil, J. Ye, A. Cheung, E. Germann, F. Chan, J.S. MacNab, E.A. Stanford, L.A. Bryson, University of British Columbia, Vancouver, Canada	611
18	PERCUTANEOUS MITRAL BALLOON VALVULOPLASTY AFTER SURGICAL COMMISSUROTOMY: A COMPARATIVE STUDY M. Napodano , C. Fracarro, G. Tarantini, R. Razzolini, S. Illiceto, A. Ramondo, University of Padova, Padova, Italy	612
19	DOES STENTLESS BIOPROSTHESIS PERFORMANCES IMPROVE SIGNIFICANTLY AT 1 YEAR FOLLOW UP? P. Totaro , V. Argano, Civic Hospital, Brescia, Italy	613
20	ENDOVASCULAR REPAIR OF THORACIC AORTA NECESSITATING LEFT SUBCLAVIAN ARTERY OVERSTENTING: IS THE PRIMARY REVASCULARIZATION MANDATORY? G. Iannelli , M. Monaco, L. Di Tommaso, G.B. Pinna, A. Pantaleo, G. Sarno, G. Scignamiglio, F. Piscione, University of Naples "Federico II", Naples, Italy	614
21	DIFFERENCES IN MITRAL VALVE ANNULAR FUNCTION UNDER FULL AND PARTIAL RING ANNULOPLASTY J. Redmond, D. Christiansen, C. Bergin, L. Leuer, T. Ryan, N. Rakow, N. Barka, T. Billstrom, L. Shecterle, J. St. Cyr , Jacqmar, Inc., Minneapolis, MN, USA	615
22	THROMBOLYTIC THERAPY CAN BE AN EFFECTIVE THERAPEUTIC APPROACH IN PROSTHETIC VALVE MALFUNCTION N. Aslan Abadi, A. Sajjadih Khajouei , E. Hosein Zadeh, A. Maneshgar Tabriz University of Medical Sciences, Tabriz, Iran	616
23	SALVAGE OF THE NEOAORTIC VALVE AFTER FAILURE OF THE PULMONARY AUTOGRAFT IN THE ROSS OPERATION G. El Khoury , L. de Kerchove, D. Glineur, K. Grammad, P. Noirhomme, J. Rubay, Cliniques Universitaires Saint-Luc, Brussels, Belgium	617

P505: Poster Session		
SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION		
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