

SCIENTIFIC PROGRAM

SUNDAY, JULY 17, 2005

09:00 – 09:35

Hall A

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

GREETINGS

Asher Kimchi, USA
Founder and Chairman
International Academy of Cardiology
12th World Congress on Heart Disease

Jeffrey S. Borer, USA
Chairman, Scientific Executive Committee
Chairman, Section of Valvular Heart Disease
International Academy of Cardiology
12th World Congress on Heart Disease

Naranjan S. Dhalla, Canada
Member, Scientific Executive Committee
Chairman, Section of Cellular Biology of the Heart
International Academy of Cardiology
12th World Congress on Heart Disease

John A. Elefteriades, USA
Member, Scientific Executive Committee
Chairman, Section of Cardiovascular Surgery
International Academy of Cardiology
12th World Congress on Heart Disease

Uri Elkayam, USA
Member, Scientific Executive Committee
Chairman, Section of Heart Failure
International Academy of Cardiology
12th World Congress on Heart Disease

PRESENTATION OF 2005 AWARDS
Jeffrey S. Borer, USA

SUNDAY, JULY 17, 2005

09:35 - 10:15

Hall A

OL: OPENING LECTURE

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

09:35 INTRODUCTION

U. Elkayam, Los Angeles, USA

09:40 INTEGRATION OF CARDIAC MRI, CARDIAC CT SCANNING, AND
NUCLEAR CARDIOLOGY IN CLINICAL ASSESSMENT OF PATIENTS
WITH KNOWN OR SUSPECTED CHRONIC CAD: WHICH TEST FOR
WHICH PATIENT?

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D.S. Berman, A. Rozanski, L. Shaw, R. Hachamovitch, N. Wong,
S. Hayes, J.D. Friedman, L.E.J. Thomson, G. Germano
Cedars-Sinai Medical Center, Los Angeles, CA, USA

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

SUNDAY, JULY 17, 2005

10:45 – 13:00

Hall A

PL01: Plenary Session

MOLECULAR AND CELLULAR BIOLOGY, GENETIC STUDIES

Chairperson: **N.S. Dhalla**, Winnipeg, MB, Canada Abstract No.
H.N. Sabbah, Detroit, MI, USA

- 10:45 SARCOLEMMA REMODELING IN HEART FAILURE DUE TO MYOCARDIAL INFARCTION (Invited Lecture) 1
N.S. Dhalla, St. Boniface Research Centre, University of Manitoba, Winnipeg, MB, Canada
- 11:00 REVERSAL OF MALADAPTIVE FETAL GENE PROGRAM FOLLOWING THERAPY WITH CARDIAC CONTRACTILITY MODULATION NON-EXCITATORY ELECTRIC SIGNALS (Invited Lecture) 2
H. Sabbah, Henry Ford Health System, Detroit, MI, USA
- 11:15 A GENERAL PARADIGM OF PROGRESS OF HEART FAILURE WITH THE CLEAVAGE AND TRANSLOCATION OF MYOCARDIAL DYSTROPHIN (Invited Lecture) 3
T. Toyo-oka, H. Kumagai, T. Kawada, F. Masui, A. Tezuka, T. Ebisawa, S. Kostin, M. Nakazawa, J. Schaper, K. Ozawa, University of Tokyo, Tokyo, Japan
- 11:30 GENDER DIMORPHIC RESPONSE OF HIF TO ACUTE ISCHEMIA (Invited Lecture) 4
M. Zampino, P. Goldspink, D. Geenen, **P. Buttrick**, University of Illinois at Chicago, Chicago, IL, USA
- 11:45 HEAT SHOCK PROTEINS AND CARDIOVASCULAR DISEASE (Invited Lecture) 5
A.A. Knowlton, University of California, Davis, CA and VA Medical Center, Sacramento, CA, USA
- 12:00 CARDIOVASCULAR PROTECTIVE EFFECTS OF UROGUANYLIN IN DAHL-IWAI SALTS SENSITIVE RATS 6
Y. Momose, S. Yamamura, F. Okabe, Toho University, Funabashi, Chiba, Japan
- 12:15 DILATED CARDIOMYOPATHY AS A DISEASE OF THE COSTAMERE 7
N.E. Bowles, Baylor College of Medicine, Houston, Texas, USA
- 12:30 GENETIC ALTERATION IN NATRIURETIC PEPTIDE RECEPTOR-A DEFINES NOVEL TARGET FOR CARDIOVASCULAR DISEASE STATES 8
K.N. Pandey, Tulane University Health Sciences Center and School of Medicine, New Orleans, LA, USA
- 12:45 ROLES OF THE GAP JUNCTION IN ISCHEMIC PRECONDITIONING AGAINST MYOCARDIAL INFARCTION 9
T. Miura, Sapporo Medical University, Sapporo, Japan
- 13:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

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Hall B

PL02:	Plenary Session ACUTE CORONARY SYNDROMES, ACUTE MYOCARDIAL INFARCTION, ANTITHROMBOTIC THERAPY	
	Chairperson: J.H. Chesebro , Jacksonville, FL, USA S. Dalla-Volta , Padova, Italy	Abstract No.
10:45	NON INVASIVE CORONARY ARTERY IMAGING BY MULTI-DETECTOR SPIRAL COMPUTED TOMOGRAPHY: COMPARISON WITH INVASIVE CONVENTIONAL CORONARY ANGIOGRAPHY (Invited Lecture) S. Romano, P. Greco, L. Del Borrello, A. Ramondo, S. Dalla-Volta , L. Barachino, University of Padova Medical School, Padova, Italy	10
11:00	PROTEOMICS A NEW TECHNOLOGY FOR THE STUDY OF BIOMARKERS DURING THE ACUTE CORONARY SYNDROMES (Invited Lecture) A.L. Lopez Farre , Cardiovascular Institute, Hospital Clinico San Carlos, Madrid, Spain	11
11:15	WHAT HAVE THE INTRODUCTION OF TROPONIN AND THE NEW AMI DEFINITION DONE TO THE CORONARY CARE UNIT? IMPACTS ON CASE MIX, CASE LOAD AND PATIENT OUTCOME (Invited Lecture) D. Zahger , Soroka University Medical Center, Beer Sheva, Israel	12
11:30	RISK STRATIFICATION POST MYOCARDIAL INFARCTION: IMPLICATIONS FROM THE INSPIRE TRIAL (Invited Lecture) J. Mahmarian , Baylor College of Medicine, Houston, TX, USA, Methodist DeBakey Heart Center, The Methodist Hospital, Houston, TX, USA	13
11:45	IDENTIFICATION AND TREATMENT OF HEPARIN-INDUCED THROMBOCYTOPENIA IN THE CARDIOVASCULAR PATIENT (Invited Lecture) J.H. Chesebro , Mayo Clinic Jacksonville, Jacksonville, FL, USA	14
12:00	INCIDENCE OF HEPARIN-INDUCED THROMBOCYTOPENIA (HIT) AND ITS PROBLEMS IN JAPAN (Invited Lecture) T. Tomaru , Cardiology Center, Toho University Sakura Hospital, Japan	15
12:15	COMPARISON OF PERCUTANEOUS CORONARY INTERVENTION AND FIBRINOLYTIC THERAPY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION, SUBANALYSES FROM THE DANAMI-2 TRIAL (Invited Lecture) H. Kelbaek , H.R. Andersen, Rigshospitalet and Skejby Hospital, Denmark	17
12:30	EARLY USE OF LIPID LOWERING DRUGS IN ACS (Invited Lecture) S. Gottlieb , Bikur Cholim Hospital, Jerusalem, Israel	18
12:45	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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Hall C

- S51 Session**
NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE, PULMONARY CIRCULATION ASPECTS, PULMONARY HYPERTENSION
- Chairperson: **B.I. Jugdutt**, Edmonton, Canada Abstract No.
- 10:45 PHARMACOLOGICAL STIMULATION OF BETA2 ADRENERGIC RECEPTORS (AR) ENHANCES THERAPEUTIC EFFECTIVENESS OF BETA1 AR BLOCKADE IN RODENT DILATED ISCHEMIC CARDIOMYOPATHY 19
I. Ahmet, E.G. Lakatta, **M.I. Talan**
National Institute on Aging, National Institutes of Health, Baltimore, MD, USA
- 11:00 LEVOSIMENDAN IMPROVES LEFT VENTRICULAR EJECTION FRACTION COMPARED WITH DOBUTAMINE IN THE TREATMENT OF CARDIOGENIC SHOCK COMPLICATING REVASCULARIZED ACUTE MYOCARDIAL INFARCTION 20
M. Garcia-Gonzalez, A. Dominguez-Rodriguez, **J. Ferrer-Hita**, P. Abreu-Gonzalez, M. Bethencourt-Munoz
Hospital Universitario de Canarias. La Laguna, Tenerife. Spain
- 11:15 EFFECT OF TELMISARTAN AND LOSARTAN ON GLUCOSE METABOLISM IN HYPERTENSIVE PATIENTS WITH METABOLIC SYNDROME 21
C. Vitale, A. Cornoldi, C. Castiglioni, A. Tulli, M. Volterrani, M. Fini, G.M.C. Rosano, Fondazione San Raffaele IRCCS, Roma, Italy
- 11:30 A SYSTEMATIC REVIEW OF DIGOXIN FOR TREATMENT OF CONGESTIVE HEART FAILURE IN PATIENTS IN SINUS RHYTHM 22
W.B. Hood, Jr, A.L. Dans, G.H. Guyatt, R. Jaeschke, J.J.V. McMurray, University of Washington, Seattle, WA, USA
- 11:45 MULTIDISCIPLINARY TREATMENT IN SEVERE HEART FAILURE PATIENTS **R.M. Ganam**, D. Hermoni, M. Abu-Rass 23
Cardiology Department, Meir Medical Center, Kfar-Saba, Israel
- 12:00 CLINICAL EFFICACY OF SILDENAFIL IN PRIMARY PULMONARY HYPERTENSION 24
B.K.S. Sastry, C. Narasimhan, N.K. Reddy, B.S. Raju
CARE Hospital, Hyderabad, AP, India
- 12:15 HIGHLY ACTIVE ANTIRETROVIRAL THERAPY IN THE TREATMENT OF NAIVE PATIENTS WITH HIV-ASSOCIATED PULMONARY HYPERTENSION G. Barbaro, A. Lucchini, **G. Barbarini**, University "La Sapienza", Rome, Italy 25
- 12:30 PULMONARY HYPERTENSION AS A PREDICTOR OF POOR OUTCOME IN ROBOTIC CARDIAC RESYNCHRONIZATION THERAPY 26
S. Joshi, A. Fischer, T. Sichrovsky, J.J. Derosé, Jr., R.C. Ashton, S. Balarám, S. Bangalore, D. Gopinath, M. Vloka, J.S. Steinberg
St. Luke's –Roosevelt Hospital Center, Columbia University College of Physicians and Surgeons, New York, NY, USA

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10:45 – 13:15 S51 (cont) Hall C

		Abstract No.
12:45	LEVOSIMENDAN EFFECTIVELY REDUCES PULMONARY HYPERTENSION IN HEART TRANSPLANT CANDIDATES E. Herrera Garza , C. Macias Hidalgo, P. Martinez Bermudez, F. De la Fuente Magallanes, L. Elizondo Sifuentes, Hospital de Enfermedades Cardiovasculares y del Torax, Nuevo Leon, Mexico	27
13:00	INTRAVASCULAR THROMBOSIS FOLLOWING HYPOXIA-INDUCED PULMONARY HYPERTENSION IS REGULATED BY CYCLOOXYGENASE-2 M.C. Cathcart , A. Bradford, G. Chen, K. O' Byrne, D.J. Fitzgerald, G.P. Pidgeon, T.C.D./St. James's Hospital, Dublin, Ireland	28
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

10:45 – 13:15 Hall D

S52: Session

CORONARY ARTERY DISEASE: ATHEROSCLEROSIS: PRIMARY PREVENTION, TREATMENT, MODIFICATION OF LIPOPROTEINS

Chairpersons: **A. Kumar**, Amritsar, India
B.F. Uretsky, Galveston, TX, USA

10:45	INFLAMMATORY BIOMARKERS AND CAD - HYPE AND HOPE (Invited Lecture) R Schnabel , S Blankenberg, Medical Clinic II, Johannes Gutenberg-University, Mainz, Germany	29
11:00	ATORVASTATIN REDUCES INFARCT SIZE IN AN ISOLATED RAT HEART MODEL BY ACTIVATING PRO-SURVIVAL KINASES K. Mensah , M.M. Mocanu, D.M. Yellon, The Hatter Institute and Centre for Cardiology, University College London Hospitals and Medical School, London, United Kingdom	30
11:15	REGULATION OF MACROPHAGE SCAVENGER RECEPTOR EXPRESSION - NEW PLEIOTROPIC EFFECTS OF STATINS J. Han , X. Zhou, M. Parson, A.C. Nicholson, A.M. Gotto, Jr., T. Yokoyama, D.P. Hajjar, Weill Medical College of Cornell University, New York, NY, USA	31
11:30	REDUCTION OF ATHEROSCLEROSIS, SERUM LIPIDS AND OXIDATIVE STRESS, AND ELEVATION OF SERUM HDL-C BY LIGNAN COMPLEX ISOLATED FROM FLAXSEED K. Prasad , College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada	32

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Hall D

		Abstract No.
11:45	LIPID OXIDISING <i>CHLAMYDIA</i> ANTIBODIES AS A NEW DRUG TARGET IN THE TREATMENT OF ATHEROSCLEROSIS I.M. Petyaev , Cambridge Theranostics Ltd., Bioscience Innovation Centre, Cambridge, UK	33
12:00	SHORT AND LONG TERM CLINICAL IMPROVEMENT IN PATIENTS WITH REFRACTORY ANGINA USING CARDIAC SHOCK WAVE THERAPY A Gutersohn , G. Caspari, R. Erbel, University Essen, Essen, Germany	34
12:15	A RANDOMIZED CONTROLLED TRIAL OF DIETARY FIBER INTAKE ON SERUM LIPIDS J. Chen , P.K. Whelton, J. He, Tulane University, New Orleans, LA, USA	35
12:30	PRIMARY PREVENTION OF CORONARY HEART DISEASE IN WOMEN M. Hochleitner , A. Bader, B. Wil, Innsbruck University Hospital, LBI Gender Studies, Women's Health Office, Innsbruck, Austria	36
12:45	PREVENTIVE DENTAL CARE MAY PREVENT CARDIOVASCULAR MORTALITY AND MORBIDITY A. Blum , E. Front, A. Peleg, K. Kruger, F. Vigder, Z. Laster, Poria Medical Center, Lower Galilee, Israel	37
13:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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Poster Hall

P101 Poster Session
VASCULAR BIOLOGY, BASIC RESEARCH I

Board No.		Abstract No.
1	RELEASE OF CALCITONIN GENE-RELATED PEPTIDE FROM THE ISOLATED MOUSE HEART: ROLE OF DIFFERENT PROTON-SENSITIVE MECHANISMS T. Strecker , P.W. Reeh, M. Weyand, K. Messlinger Friedrich-Alexander-University of Erlangen-Nuremberg, Erlangen, Bavaria, Germany	38
2	INDUCTION OF HO-1 SUPPRESSES ENDOTHELIAL ANGIOTENSIN CONVERTING ENZYME EXPRESSION IN PATIENTS WITH HEART FAILURE W.H Yin , P.L Liu, M.S Young, S.J Lin, Y.R Kou Cheng-Hsin General Hospital, and National Yang-Ming University, Taipei, Taiwan	39
3	RESPONSES OF VASCULAR ENDOTHELIAL CELLS TO CIGARETTE SMOKE PARTICULATE MATTER M.D. Gaca , N. Cockcroft, A. Richter, E.D Massey British American Tobacco, Southampton, Hants, UK	40
4	REGULATION OF DISCOIDIN DOMAIN RECEPTOR 2 BY CYCLICAL MECHANICAL STRETCH IN CULTURED RAT VASCULAR SMOOTH MUSCLE CELLS B.W. Wang , K.G. Shyu, P. Kuan Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan	41
5	CARDIOVASCULAR CHANGES DURING EPILEPTIC SEIZURES IN CONSCIOUS RATS M.I Beig , R. Chandra, A. Katyal, M. Fahim, A. Talwar University of Delhi, Delhi, India	42
6	THROMBOSIS IN THE DEVELOPMENT OF NEOINTIMA: ROLE OF GROWTH FACTORS, CYTOKINES AND OXIDATIVE STRESS C.T. Beneli, P.F. Barbosa, F.S. Ramalho, M.A Rossi , S.G. Ramos University of São Paulo, Ribeirão Preto, São Paulo, Brazil	43
7	COMPOUNDS FROM RED WINE IN ISOLATED RAT AORTA AND PORCINE CORONARY ARTERY: DO THEY ACT AS PHARMACOLOGIC OR PROTECTIVE AGENTS? I. Music, B. Bradesko, D. Dobovsek, J. Kuzner, V. Katalinic, D. Modun, G. Drevensek , M. Budihna, M. Boban, University of Ljubljana, Slovenia	44
8	CATECHIN ENHANCES THE LEVEL OF THE INTRACELLULAR HIF-1ALPHA PROTEIN F. Tsukiyama , M. Yoshida, T. Tokuhara, Y. Nakai, H. Hayashi, K. Hirota, T. Katsumata, Osaka Medical College, Osaka, Japan	45

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Poster Hall

**P102 Poster Session
DIAGNOSTIC METHODS**

Board No.		Abstract No.
9	AN APPROACH TO QUANTIFY DIFFUSELY DISEASED CORONARY ARTERIES; ECG-GATED 3D INTRAVASCULAR ULTRASOUND (IVUS) RECONSTRUCTION METHOD S. Yokoyama , S. Saito, Y. Li, T. Takayama, S. Saruya, M. Akabane, T. Kawano, M. Ichikawa, J. Honye, Nihon University School of Medicine, Tokyo, Japan	46
10	MICRO-CORONARY VESSEL IMAGING USING PHASE-CONTRAST X-RAY COMPUTED TOMOGRAPHY J. Wu , T. Takeda, L. Thet Thet, A. Yoneyama, Y. Tsuchiya, T. Imazuru, S. Matsushita, Y. Hirai, M. Minami, University of Tsukuba, Ibaraki, Japan	47
11	CAROTID ARTERY WALL ACCELERATION IS A MARKER OF ATHEROSCLEROSIS O. Pascal, G. Pelle, J.L. Dubois Rande, C. Carville, L. Belhassen Hopital Prive d'Antony, Antony and Hopital Henri Mondor, Creteil, France	48
12	LESION CHARACTERISTICS OF CORONARY CHRONIC TOTAL OCCLUSIONS EVALUATED BY INTRAVASCULAR ULTRASOUND T. Takayama , Y. Li, S. Saito, J. Honye, . Yokoyama, T. Saruya, M. Akabane, T. Kawano, M. Ichikawa, N. Fukuda, Nihon University School of Medicine, Tokyo, Japan	49
13	A NEW STEP-WISE STRATEGY FOR THE DETECTION OF CORONARY ARTERY DISEASE USING VASCULAR ULTRASONOGRAPHY A.M. AbdelWahab , E. Baligh, M. Mokhtar, A.M. Zaki, Cairo University, Cairo, Egypt	50
14	TRANSCUTANEOUS TISSUE CHARACTERIZATION OF ATHEROMA BASED ON ELASTICITY IMAGING WITH ULTRASOUND H. Hasegawa , J Inagaki, H Kanai, M Ichiki, F Tezuka, Tohoku University, Sendai, Japan,	51
15	FRACTIONAL FLOW RESERVE TO ASSESS CORONARY LESIONS OF UNCERTAIN SEVERITY IN UNSTABLE ANGINA: MEDIUM-TERM FOLLOW-UP L.A. Inigo-Garcia , O. Sanz, F. Torres, F. Ruiz-Mateas, M. Pombo, G. Rosas, J. Carretero, C. Corona, A. Gutierrez, M.J. Garcia, Hospital Costa del Sol, Marbella, Spain	52
16	VARIABILITY IN QUANTITATIVE MEASUREMENT OF THE SAME SEGMENT WITH TWO DIFFERENT INTRAVASCULAR ULTRASOUND Y Li , J. Honye, S. Saito, T. Takayama, S. Yokoyama, . Saruya, . Akabane, T. Kawano, M. Ichikawa, S. Kunimoto, Nihon University School of Medicine, Tokyo, Japan	53
17	IMPACT OF NEW ANGIOSCOPY SYSTEM FOR VIAUALIZATION OF PERIPHERAL ARTERIES T. Sakurai , K. Nakamura, K. Shimizu, M. Tomaru, Toho University Sakura Hospital, Sakura, Chiba, Japan	54
18	CHARACTERISTICS OF INFARCT RELATED ARTERY AFTER THROMBOLYSIS S Yokoyama , Y Li, T Takayama, T Saruya, J Honye, S Saito Nihon University School of Medicine, Tokyo, Japan	55

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Poster Hall

**P103 Poster Session
INTERVENTIONAL CARDIOLOGY**

Board No.		Abstract No.
21	WHETHER ORAL CRUSHED CLOPIDOGREL WILL INHIBIT PLATELET AGGREGATION EARLIER THAN WHOLE TABLETS? J-M Lee , H-J Yoon, C-S Park, K-W Moon, S-W Jin, K-D Yoo, D-S Jeon, W-S Chung, J-J Kim, K-B Seung, J-H Kim, The Catholic University of Korea, Seoul, Republic of Korea	58
23	“FIRST EXPERIENCE IN TRANSCATHETER CLOSURE OF SECUNDUM ATRIAL SEPTAL DEFECTS USING THE AMPLATZER SEPTAL OCCLUDER IN VIETNAM” N.L. Hieu , P.M. Hung, N.N Quang, D.D. Loi, N.M Ngoc, K.N Huong, N.L Viet, P.G Khai, L.T Phi, T. Nguyen, Vietnam Heart Institute, Hanoi, Vietnam	60
24	USE OF A COMBINED MOBILE PHONE AND FAX SOLUTION SPEEDS UP THE SELECTION OF PATIENTS FOR ACUTE CORONARY REVASCULARIZATION J Ravkilde , Skejby Hospital - Aarhus University Hospital, Aarhus Denmark	61
25	TREATMENT OF SAPHENOUS VEIN GRAFT ANEURYSM WITH THE POLYTETRAFLUOROETHYLENE-COVERED STENT: ONE-YEAR CLINICAL AND ANGIOGRAPHIC FOLLOW-UP P.C Ho, C.Y Leung , Hawaii Region Kaiser Permanente, Honolulu, Hawaii, USA	62
26	“TRANSCATHETER OCCLUSION OF CORONARY ARTERY FISTULAE IN VIETNAM” N.L Hieu , P.M Hung, N.N Quang, D.D Loi, K.N Huong, N.L Viet, P.G Khai, L.T Phi, Vietnam Heart Institute, Hanoi, Vietnam	63
27	AORTIC ISTHMUS STENT-GRAFT TREATMENT: HUMAN IMPLANTATION OF INNOVATIVE DEDICATED DEVICES E. de Cillis, A.S. Bortone , D. D’Agostino, L. de Luca Tupperi Schinosa Institute of Cardiac Surgery, University of Bari, Italy	64
28	CORONARY ANGIOPLASTY AFTER NON ST ELEVATION MYOCARDIAL INFARCTION CARRIES A WORSE SHORT TERM OUTCOME WHEN COMPARED TO THAT OF ST ELEVATION MYOCARDIAL INFARCTION OR UNSTABLE ANGINA Y.Y Abdelmonem , M. Abdelhameed, H.I. Kandil, Sh F. Eltobgi, Cairo University, Cairo, Egypt	65
29	SIXTH MONTHS CLINICAL FOLLOW UP POST BYPASS GRAFT DISEASE TREATED WITH DRUG-ELUTING STENTS VERSUS BARE METAL STENTS D.A Locca , G Girod, C Imsand, P Vogt, Sion Hospital, Sion, Switzerland	66
30	IMPACT OF ABCIXIMAB ON CORONARY RESTENOSIS IN DIABETIC PATIENTS UNDERGOING ELECTIVE PACLITAXEL-ELUTING STENT IMPLANTATION L. De Luca , G. Sardella, G. De Persio, A. Di Roma, G. Benedetti, G. Conti, M. Mancone, F. Fedele, Dept. of Cardiovascular and Respiratory Sciences, La Sapienza University, Rome, Italy	67

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Poster Hall

Board No.		Abstract No.
39	CYSTATIN C AND CREATININE-BASED ESTIMATION OF RENAL FUNCTION IN CACHECTIC AND NONCACHECTIC HEART FAILURE PATIENTS P. Rozentryt , J. Nowak, A. Brachowska, L. Polonski, R. Deja, W. Bartnik Silesian Center for Heart Diseases, Zabrze, Poland	76
40	HEART FAILURE: PATIENTS VIEWS TO GUIDE FUTURE PRACTICE S.M Deepak , W Khan, T Coppinger, C Wywell, N.H Brooks, Wythenshawe Regional Cardiothoracic Centre, Manchester, UK	77
P106	Poster Session ELECTROPHYSIOLOGIC TECHNIQUES OF MAPPING AND RADIOFREQUENCY ABLATION	
41	NEURONAL SYNAPTOGENESIS IS AUGMENTED BY NORMAL HDL AND IS PREVENTED BY DYSFUNCTIONAL HDL K. Navab , UCLA Medicine, Los Angeles, CA, USA	78
42	WHICH COMPONENT IS MORE IMPORTANT FOR THE SUCCESS OF MODIFIED MAZE SURGERY : TRIGGER OR SUBSTRATE MODIFICATION? K.J Choi , J Kim, G.B Nam, Y.H Kim, Asan Medical Center, Seoul, Korea	79
43	ANALYSIS OF SINUS NODE ACTIVATION BY NONCONTACT VOLTAGE MAPPING R.C Klein , University of Utah, VA Medical Center, Salt Lake City, UT, USA	80
44	CRYOABLATION FOR ATRIAL FIBRILLATION: THE SURGIFROST TM CRYOSURGICAL SYSTEM S. Christiansen , R. Autschbach, University of Aachen, Germany	81
45	ASSESSMENT OF CONDUCTION RECURRENCE ACROSS RF LESIONS PRODUCING ELECTRICAL DISCONNECTION AT PULMONARY VEIN OSTIUM S. Bentivegna , S. Negroni, D. Pecora, P.P. Lupo, A. Carolei, C. Esposito, F. Furlanello, L. De Ambroggi, R. Cappato, Arrhythmia and Electrophysiology Centre, Policlinico San Donato, Milanese, Milan, Italy	82
P107	Poster Session INTERNAL DEFRIBRILLATION/IMPLANTABLE ANTIARRHYTHMIC DEVICES/PACING	
46	COMPARISON OF UNIPOLAR VERSUS BIPOLAR PACING THRESHOLDS AND IMPEDANCES J.S. Goodman, K.J. Chase , S. Merkel FACC, UCLA School of Medicine, Los Angeles, CA, USA	83
47	IMPLANTATION SUCCESS RATE OF BIVENTRICULAR PACEMAKERS IN REAL LIFE CLINICAL PRACTICE S.G Williams, A. Patwala , D.J Wright, D.T Connelly, W.J Hobbs, J. Pyatt, D.M Todd, Cardiothoracic Centre, Liverpool, UK	84
48	CARDIAC RESYNCHRONIZATION THERAPY DOES NOT REDUCE VENTRICULAR ARRHYTHMIAS G. Lin , P.A Brady, T.L Webster, S.C Hammill, R.F Rea, D.L Hayes, Mayo Clinic, Rochester, MN, USA	85

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Poster Hall

Board No.		Abstract No.
49	LONG TERM STABILITY OF CORONARY SINUS LEADS FOR CARDIAC RESYNCHRONIZATION THERAPY: A SINGLE CENTER EXPERIENCE G. Lin , P.A Brady, T.L Webster, R.F Rea, D.L Hayes Mayo Clinic, Rochester, MN, USA	86
50	ENDOTAK RELIANCE G EVALUATION OF HANDLING AND ELECTRICAL PERFORMANCE (REFLEX) STUDY - MULTICENTER, RANDOMIZED, PROSPECTIVE TRIAL R.A.S Cooper, K. Chase , Guidant Corporation, St. Paul, MN, USA	87
P108	Poster Session MISCELLANEOUS 1	
51	MAJOR CAUSES OF DEATH IN CHINA: A PROSPECTIVE STUDY OF 169,871 MEN AND WOMEN J. He , D. Gu, J. Chen, K. Reynolds, C. Chen, R. Wildman, P. Whelton Tulane University, New Orleans, LA, USA	88
52	MINOCYCLINE IS EFFECTIVE FOR THE ACTIVE TAKAYASU ARTERITIS A. Matsuyama , N. Sakai, M. Ishigamai, H. Hiraoka, S. Yamashita Osaka University Hospital, Suita, Osaka, Japan	89
53	SPATIAL RESOLUTION EFFECT IN MYOCARDIAL FATTY ACID METABOLIC IMAGE IN FLUORESCENT X-RAT CT T. Takeda , J. Wu, T.T Lwin, N. Sunaguchi, T. Yuasa, F. A Dilmanian, M. Minami, T. Akatsuka, Institute of Clinical Medicine, University of Tsukuba, Tsukuba-shi, Ibaraki, Japan	90
54	ONE YEAR ATROVASTATIN THERAPY FOR SEVERE ISCHEMIC HEART FAILURE WITH COR PULMONALE X.H Zeng, X.J Zeng, Y.Y Li , T Yuan, Chengdu Red Cross Hospital, Chengdu, China	91
55	SMOKING INCREASES COLD-PRESSOR MEDIATED ARTERIOR STIFFNESS A. Nishiyama , T. Nakata, M. Sakai, T. Oonishi, M. Setsuda, A. Kasai, N. Houda, Y. Kakuta, Yamada Red Cross Hospital, Watarai, Mie, Japan	92
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47	PREVENTIVE TREATMENT OF TYPE II ENDOLEAK: THE FEASIBILITY OF A NEW METHOD M. Zanchetta , L. Pedon, M. Zennaro, F. Faresin, M. Riggi, S. Ronsisvalle Dipartimento di Malattie Cardiovascolari, Cittadella, Padova, Italy	198
48	USE OF ATROPINE IN PATIENTS WITH INCOMPLETE EXERCISE STRESS TEST S. Ghaffari, B. Sohrabi, M. Toofan, A. Sajjadih Khajouei , A. Maneshgar Tabriz University of Medical Sciences, Tabriz, Eastern Azarbaijan, Iran	199
49	SERUM TOTAL AND LIPOPROTEIN CHOLESTEROL LEVELS AND AWARENESS, TREATMENT AND CONTROL OF HYPERCHOLESTEROLEMIA IN CHINA J. Chen , D. Gu, K. Reynolds, P.K Whelton, J. He Tulane University, New Orleans, LA, USA	200
50	UPDATE ON POTENTIAL PULMONARY INSULIN DELIVERY SYSTEMS AS ALTERNATIVES OF INSULIN INJECTIONS J.L Patel S. K. Patel College of Pharmaceutical Education and Research, Gujarat, India	201

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14:00 – 18:00

Poster Hall

P209 Poster Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE

Board No.		Abstract No.
51	TRANSCATHETER OCCLUSION OF CORONARY ARTERY FISTULAE IN VIETNAM H. Nguyen , H. Pham, P.M. Hung, N.N. Quang, P.G. Khai, N.L. Viet, D.D. Loi, Vietnam Heart Institute, Hanoi, Vietnam	202
52	PATHOLOGY AND APOPTOSIS OF THE CARDIAC CONDUCTION SYSTEM IN 100 VICTIMS OF SUDDEN INFANT DEATH SYNDROME (SIDS) G. Ottaviani , A.M Lavezzi, L. Maturri Lino Rossi Research Center for the Study and Prevention of Unexpected Perinatal Death and Sudden Infant Death Syndrome (SIDS), Institute of Pathology, University of Milan, Italy	203
53	TRANS-HEPATIC ULTRASOUND-GUIDED PUNCTURE IN THE FETAL LAMB: A NEW APPROACH FOR TRANSCATHETER CARDIAC INTERVENTIONS Y. Boudjemline , J.M. Jouannic, J.M. Benifla, D Bonnet Pediatric Cardiology, Necker for Sick Children Hospital, Paris, France	204
54	MICRODELETION OF CHROMOSOME 22 IN A SERIES OF PATIENTS WITH NON-SELECTIVE CONGENITAL HEART DISEASE E.S Elsobky , A.A Kotby, S.M Elsayed, Ain Shams University, Cairo, Egypt	205
55	4-YEAR FOLLOW-UP OF TRANSCATHETER ATRIAL SEPTAL DEFECT CLOSURE USING INTRACARDIAC ECHOCARDIOGRAPHY M. Zanchetta , L. Pedon, M. Zennaro, A. Carrozza, F. Casilli, E. Onorato Cittadella General Hospital, Padova, Italy	206
56	5-YEARS FOLLOW-UP OF TRANSCATHETER PFO CLOSURE USING INTRACARDIAC ECHOCARDIOGRAPHY E. Onorato , L. Pedon, F. Casill, M. Mbala-Mukendi, G.P. Anzola, M. Zanchetta, Humanitas Gavazzeni Clinic, Bergamo, Italy	207
57	RESYNCHRONISATION THERAPY IN ADULTS WITH CONGENITAL HEART DISEASE B. Skaria , T. Bharucha, J. Boullin, J.M Morgan, A.P Salmon, B. Keeton, G. Veldtman, Adult Congenital Cardiac Unit, Southampton University Hospital, Southampton, Hampshire, UK	208
58	MANAGEMENT OF LATE HEART FAILURE WITH REVISION AFTER CLASSIC FONTAN PROCEDURE M. Ruzmetov , P. Vijay, M.D. Rodefeld, M.W. Turrentine, J.W. Brown Indiana University School of Medicine, Indianapolis, IN, USA	209

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PL07:	Plenary Session	
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	Chairperson: M.A. Alpert , St. Louis, MO, USA H.P. Schultheiss , Berlin, Germany	Abstract No.
08:30	DIAGNOSIS AND TREATMENT OF INFLAMMATORY CARDIOMYOPATHY (Invited Lecture) H. Schultheiss , Charite-University Medicine Berlin- Campus Benjamin Franklin, Germany	210
08:45	OBESITY CARDIOMYOPATHY: PATHOGENESIS, CLINICAL RECOGNITION AND MANAGEMENT (Invited Lecture) M.A. Alpert , St. John's Mercy Medical Center, St. Louis, MO, USA	211
09:00	COLLAGEN AND CARDIOVASCULAR REMODELING. WHY BOTHER? (Invited Lecture) B.I. Jugdutt , University of Alberta, Edmonton, Alberta, Canada	212
09:15	PROGNOSTIC FACTORS AND RISK STRATIFICATION IN CHAGAS HEART DISEASE (Invited Lecture) A. Rassi Jr , Anis Rassi Hospital, Goiania, GO, Brazil	213
09:30	CARDIAC CA ²⁺ CHANNELS PROVIDE A MAJOR PATHWAY FOR IRON ENTRY INTO HEART CELLS (Invited Lecture) P.H. Backx , M.G Trivieri, G.Y Oudit, University of Toronto, Canada	214
09:45	DOBUTAMINE-INDUCED HYPERSENSITIVITY MYOCARDITIS IN END-STAGE HEARTFAILURE PATIENTS (Invited Lecture) C.Y. Lui , J.R. Younger, R.E Sobonya, F.A Arabia, J.G Copeland U. Texas Medical Branch, Galveston, TX, USA	216
10:00	PROSPECTS OF PREVENTIVE MAINTENANCE OF DILATED CARDIOMYOPATHY, CAUSED BY VIRAL DAMAGE OF HEART (CLINICAL AND EXPERIMENTAL STUDIES) (Invited Lecture) N. Kipshidze , Institute of Experimental and Clinical Therapy, Tbilisi, Georgia	217
10:15	HIV INFECTION AND THE CARDIOVASCULAR SYSTEM (Invited Lecture) G. Barbaro , Medical Pathophysiology, University of La Sapienza, Italy	218
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Hall C

S 56	Session		
	HYPERTENSION, DIABETES MELLITUS, OBESITY AND		
	ATHEROSCLEROSIS, BASIC AND CLINICAL		
	Chairpersons:	M.L. Daviglus , Chicago, IL, USA	
		P.R. Liebson , Chicago, IL, USA	Abstract No.
08:30	CARDIAC OVER-EXPRESSION OF CATALASE ABLATES INSULIN RESISTANCE-INDUCED CARDIAC CONTRACTILE DYSFUNCTION AND PROTEIN CARBONYL FORMATION INDEPENDENT OF INSULIN RECEPTOR SIGNALING	F. Dong, C.X. Fang, B.H. Zhao, J. Ren , University of Wyoming, Laramie, WY, USA	226
08:45	FASTING SERUM APOLIPOPROTEIN B-48 LEVEL MEASURED BY NOVEL ELISA IS A GOOD MARKER OF POSTPRANDIAL HYPERLIPIDEMIA AND PREDICTS CORONARY HEART DISEASE	S. Yamashita , T. Sugimoto, K. Tsujii, I. Shimomura, Y. Masuda, A. Ikeda, T. Okuno, Y.Uchida, N. Sakai Osaka University Graduate School of Medicine, Suita, Osaka, Japan	227
09:00	THE EFFECT OF BODY MASS INDEX CHANGES BETWEEN AGES 5 AND 14 ON BLOOD PRESSURE AT AGE 14: FINDINGS FROM A BIRTH-COHORT STUDY	A.A Mamun , G.M Williams, D.A Lawlor, M. O'Callaghan, J.M Najman University of Queensland, Queensland, Australia	228
09:15	LIGHT/DARK VARIATIONS OF CELL-MEDIATED IMMUNITY ACTIVATION IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION	M. Garcia-Gonzalez, A. Dominguez-Rodriguez , P. Abreu-Gonzalez, J. Ferrer-Hita, M. Bethencourt-Munoz Hospital Universitario de Canarias, La Laguna, Tenerife, Spain	229
09:30	EFFECT OF SOYBEAN PROTEIN ON BLOOD PRESSURE: A RANDOMIZED CONTROLLED TRIAL	J. He , D. Gu, X. Wu, J. Chen, P.K. Whelton, Tulane University, New Orleans, LA, USA	230
09:45	URIC ACID STIMULATES VASCULAR SMOOTH MUSCLE CELL PROLIFERATION BY INCREASING ENDOTHELIN-1 EXPRESSION	T.H Cheng , H.H Chao, J.C Liu, H.Y Yang, J.Y Liou, K.G Shyu Taipei Medical University-Wan Fang Hospital & Graduate Institute of Medical Sciences, Taipei, Taiwan	231
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Abstract No

10:15

INFLUENCE OF DIABETES MELLITUS OVER PROGNOSIS AND
MANAGEMENT OF NON ST ELEVATION ACUTE CORONARY
SYNDROME

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Abreu-Gonzalez, M. Bethencourt-Munoz, F. Marrero-Rodriguez
Hospital Universitario de Canarias, La Laguna, Tenerife, Spain

10:30

COFFEE BREAK, VISIT POSTERS AND EXHIBITION

MONDAY, JULY 18, 2005

11:15 – 14:00

Hall A

PL09:	Plenary Session	
	VALVULAR HEART DISEASE / HEART VALVE SURGERY / DISEASES OF THE THORACIC AORTA / SURGICAL REVASCLARIZATION	
	Chairperson: J.S. Borer , New York, NY, USA	Abstract No.
	H. Boudoulas , Athens, Greece	
11:15	MOLECULAR/CELLULAR PATHOPHYSIOLOGY: POSSIBLE BASIS FOR CLINICAL MANAGEMENT IN REGURGITANT VALVULAR DISEASES? (Invited Lecture)	235
	J.S. Borer , Weill Medical College of Cornell University, New York, NY, USA	
11:30	AORTA: FUNCTION-DYSFUNCTION-CLINICAL IMPLICATIONS (Invited Lecture)	236
	H. Boudoulas , Foundation Biomedical Research, Academy of Athens, Greece	
11:45	INCITING EVENTS FOR ACUTE AORTIC DISSECTION (Invited Lecture)	237
	J.A. Eleftheriades , I. Hatzaras, J. Bible Yale University School of Medicine, New Haven, CT, USA	
12:00	PERCUTANEOUS MITRAL VALVE REPAIR (Invited Lecture)	238
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	D.M. Meyer , University of Texas Southwestern Medical Center, Dallas, TX, USA	
12:30	PATIENT-PROSTHESIS MISMATCH: DEFINITION (Invited Lecture)	240
	P. Pibarot , Research Center of Laval Hospital, Sainte-Foy, Quebec, Canada	
12:45	SURGERY FOR END-STAGE CORONARY DISEASE (Invited Lecture)	241
	K.A. Horvath , National Institute of Health, Bethesda, MD, USA	
13:00	OSTEOBLASTOGENESIS IN AORTIC VALVE DISEASE (Invited Lecture)	242
	N.M. Rajamannan , Northwestern University Medical School, Chicago, IL, USA	
13:15	COMPLETE MYOCARDIAL REVASCLARIZATION BY "EXCLUSIVE MAMMARY ARTERY GRAFTING": RESULTS OF A SYSTEMATIC APPROACH (Invited Lecture)	243
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PL10:	Plenary Session	
	ATHEROSCLEROSIS: PATHOGENESIS AND TREATMENT	
	Chairperson: R. Paoletti , Milan, Italy	Abstract No.
	S. Stern , Jerusalem, Israel	
11:15	NUTRITION, INFLAMMATION, AND ATHEROSCLEROSIS (Invited Lecture) R. Paoletti , University of Milan, Milan, Italy	246
11:30	SUCCESSFUL GENE THERAPY AGAINST ATHEROSCLEROSIS BY RAAV DELIVERY OF IL-10 (Invited Lecture) J.L. Mehta , Y. Liu, J. Chen, J. Xie, S. Bandyopadhyay, A.R. Nemarkommula, P. Mehta, D. Li, P.L. Hermonat, University of Arkansas for Medical Sciences, Little Rock, AR, USA	247
11:45	THE ROLE OF STEM/PROGENITOR CELLS IN THE PATHOGENESIS OF ARTERIOSCLEROSIS (Invited Lecture) Q. Xu , St. George's Hospital Medical School, London, UK	248
12:00	INFLAMMATION AND INFECTION IN ATHEROSCLEROSIS (Invited Lecture) S. Amar , Boston University Medical Center, Boston, MA, USA	249
12:15	HAS THE TIME COME TO SCREEN FOR ISCHEMIC HEART DISEASE? (Invited Lecture) S. Stern , Bikur Cholim Hospital, Jerusalem, Israel	250
12:30	CARDIOPROTECTION WITH ISCHEMIC PRECONDITIONING: IS EFFICACY MAINTAINED IN AGING COHORTS? (Invited Lecture) K. Przyklenk , University of Massachusetts Medical School. Worcester, MA, USA	251
12:45	ANTIANGINAL THERAPY AND STRESS TESTING (Invited Lecture) R. Sicari , CNR, Institute of Clinical Physiology, Pisa, Italy	252
13:00	NEW AND EVOLVING TREATMENT STRATEGIES FOR CHRONIC REFRACTORY ANGINA (Invited Lecture) G.W. Barsness , Mayo Clinic and Foundation, Rochester, MN, USA	253
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S57:	Session VASCULAR BIOLOGY, VASCULAR RESEARCH	
	Chairperson: G. Kojda , Dusseldorf, Germany K. Maiese , Detroit, MI, USA	Abstract No.
11:15	ROLE OF CIRCULATING TISSUE FACTOR ON STENT THROMBOSIS IN AN IN VITRO SYSTEM T. Palmerini , B. Collier, V. Cervi, L. Tomasi, A. Marzocchi, C. Marrozzini, P. Ortolani, O. Leone, M. Picciolo, A. Branzi, Policlinico S. Orsola, Bologna, Italy	254
11:30	EXPRESSION OF VEGFR-2 ON CD14+ PERIPHERAL BLOOD MONOCYTES IS ESSENTIAL FOR THEIR ENDOTHELIAL-LIKE FUNCTIONAL CAPACITY E. Elsheikh , M. Uzunel, Z. He, J. Holgersson, G. Nowak, S. Sumitran-Holgersson, Divisions of Transplantation Surgery, Karolinska University, Stockholm, Sweden	255
11:45	EFFECT OF STATINS ON INFLAMMATORY MARKERS IN CLAUDICANTS WITH PERIPHERAL ARTERIAL DISEASE (PAD) R.G. DePalma , V.W. Hayes, P. E. May, H.T. Cafferata, L.R. Zacharski, B.K. Chow, G. Shamayeva, H.A. Mohammadpour, L.A. Briggs, Department of Veterans Affairs, Washington, DC, USA	256
12:00	EFFECT OF HYDROGEN PEROXIDE ON CIRCULATING CELLS WITH ENDOTHELIAL PROGENITOR CAPACITY IN MICE G. Kojda , S. Kumpf, V. Adams, T. Suvorava, R. Hambrecht, Heinrich-Heine Universitaet, Duesseldorf, Germany	257
12:15	THROMBOXANE A2 INHIBITS EXPRESSION OF INDUCIBLE NITRIC OXIDE SYNTHASE AND REGULATES VASCULAR TONE T. Yamada , T. Fujino, K. Yuhki, A. Hara, K. Matsubara, S. Narumiya, F. Ushikubi, Asahikawa Medical College, Asahikawa, Japan	258
12:30	DOES PERIODONTAL DISEASE INFLUENCE CARDIOVASCULAR RISK? A RANDOMIZED CONTROLLED PILOT TRIAL F. D'Aiuto , L. Nibali, M. Parkar, J. Suvan, M.S. Tonetti, Eastman Dental Institute and Hospital, University College London, London, UK	259
12:45	IN VIVO PPARALPHA ACTIVATION REDUCES BLOOD PRESSURE AND ENDOTHELIAL DYSFUNCTION IN SALT-SENSITIVE HYPERTENSION L.X. Li, G.D. Fink, A.F. Chen , Michigan State University, East Lansing, MI, USA	260
13:00	ENDOTHELIAL FUNCTION IN PATIENTS WITH SICKLE CELL ANEMIA DURING AND AFTER SICKLE CELL CRISES A. Blum , S. Yegane, A. Peleg, F. Vigder, K. Kruger, K. Khazim Poria Medical Center, Lower Galilee, Israel	261
13:15	PARTICULATE MATTER REDUCES VASCULAR ENDOTHELIAL FUNCTION N. Bai , M. Khazaei, I. Laher, S.F. Van Eeden, Department of Pharmacology & Therapeutics, University of British Columbia, Vancouver, BC, Canada	262
13:30	S 18886 IMPROVES ENDOTHELIAL FUNCTION ON A LONG TERM BASIS IN ATHEROSCLEROTIC PATIENTS L. Belhassen , G. Pelle, J.L. Dubois Rande, S. Adnot, Hopital Prive d'Antony, Antony, France	263
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S58	Session ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION, ANTITHROMBOTIC THERAPY, BIOCHEMICAL MARKERS	Abstract No.
	Chairperson: A. Lopez-Farre , Madrid, Spain V. Mathew , Rochester, MN, USA	
11:15	POLY-ADP-RIBOSE-POLYMERASE-1 (PARP-1) IS ACTIVATED BY ACUTE MYOCARDIAL INFARCTION AND PRIMARY PERCUTANEOUS CORONARY INTERVENTION E Toth-Zsomboki, E Horvath, K Vargova, E Pankotai, K Murthy, Z Lacza, R Kiss, M Kollai, I Preda, C Szabo , Inotek Pharmaceuticals Corporation, Beverly, MA, USA and Semmelweis University Medical School, Budapest, Hungary	264
11:30	IS TROPONIN ELEVATION AS A SINGLE VARIABLE SUFFICIENT TO REFER A PATIENT FOR CARDIAC CATHETERIZATION? Y. Selektor , T. Hanane, H. Faraz, J. Guzman, P.J. McLaughlin, Wayne State University, Detroit, MI, USA	265
11:45	THE PROSTAGLANDIN E2-EP4 SYSTEM PROTECTS THE HEART FROM ISCHEMIA-REPERFUSION INJURY K. Yuhki , C.Y. Xiao, A. Hara, T. Fujino, S. Narumiya, F. Ushikubi, Asahikawa Medical College, Asahikawa, Japan	266
12:00	THE EFFECT OF ADENOSINE ON THE NOS MRNA EXPRESSION IN THE INFARCTED REFLOW AND NO-REFLOW MYOCARDIUM OF MINI-SWINES Y.J Yang , J.L Zhao, R.L Gao, J.L Chen, Fuwai Heart Hospital, Beijing, China	267
12:15	IMPACT OF THE ESC/ACC CONSENSUS REPORT ON RE-DEFINITION OF MYOCARDIAL INFARCTION IN THE NORDIC COUNTRIES S. Hjortshoj , J.E Otterstad, B. Lindahl, R. Danielsen, K Pulkki, J Ravkilde Dept. of Cardiology Aalborg Hospital - Aarhus University, Denmark	268
12:30	TARGETED CARDIAC POPULATION PROTEOMICS U.A. Kiernan , D. Nedelkov, E.E. Niederkofler, K.A. Tubbs, R.W. Nelson Intrinsic Bioprobes, Inc., Tempe, AZ, USA	269
12:45	IMPROVEMENT OF LEFT VENTRICLE FUNCTION (LVF) IN PATIENTS WITH AMI AFTER INFUSION OF BONE MARROW STEM CELLS (BMSC) S. Grajek , M. Popiel, P. Breborowicz, M. Lesiak, R. Czepczynski, A. Czyz, L. Gil, M. Kozłowska- Skrzypczak, K. Sawinski, A. Cieslinski, First Department of Cardiology, Poznan, Poland	270
13:00	EFFICACY OF AIR AMBULANCE SYSTEM FOR THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION N. Hata , N. Kobayashi, T. Imaizumi, S. Yokoyama, T. Shinada, M. Ishikawa, K. Shiiba, Y. Suzuki, J. Tanabe, K. Mashiko, Nippon Medical School, Inbagun, Chiba, Japan	271
13:15	TEN YEARS FOLLOW-UP OF BRAUNWALD CLASS III AND IV REFRACTORY UNSTABLE ANGINA WHO WERE TREATED WITH ABCIXIMAB FACILITATED PCI V.A. Umans , C.J. Broers, S. Schrijver, J.H. Cornel, Medical Center Alkmaar, The Netherlands	272

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P301 Poster Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH II

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1	D-4F AN APOLIPOPROTEIN MIMETIC PEPTIDE CAUSES THE MOVEMENT OF APOA-I FROM LARGER TO SMALLER HDL PARTICLES C. Chyu , UCLA, Dept of Medicine, Los Angeles, CA, USA	274
2	COLLAGEN AND PICOSIRIUS RED STAINING: A POLARIZED LIGHT ASSESSMENT OF FIBRILLAR HUE AND SPATIAL DISTRIBUTION L Rich, P Whittaker , University of Massachusetts Medical School, Worcester, MA, USA	275
3	HIGH DENSITY FORM PATIENTS WITH PERIODONTAL DISEASES IS NOT PROTECTIVE AGAINST LOW DENSITY OXIDATION A Meshakat , UCLA Dentistry, Los Angeles, CA, USA	276
5	REGULATION OF CARDIAC MUSCARINIC RECEPTORS IN CHAGAS DISEASE: IN VIVO AND IN VITRO ANALYSES K.R Peraza-Cruces, L.A Gutierrez-Guedez, D.D Castaneda-Perozo, C.R Alvarez-Yepe, C.S.R Lankford, C.C Rodriguez-Valenzuela , R.A Bonfante-Cabarcas, Universidad Centro Occidental "Lisandro Alvarado", Barquisimeto, Lara, Venezuela	278
6	SUPPRESSION OF COLLAGEN PRODUCTION IN CARDIAC FIBROBLASTS USING TRADITIONAL CHINESE MEDICINAL COMPOUNDS C.M Yu , Yu Huang, E.K.C Kong, K.P Chen, J.E Sanderson The Chinese University of Hong Kong, Hong Kong	279
7	ISCHEMIA OR REPERFUSION: WHICH IS A MAIN TRIGGER FOR CHANGES IN NITRIC OXIDE SYNTHASES EXPRESSION D. Pevni , .I. Frolkis, L. de Perini, I. Shapira, A. Kramer, G. Bolotin, G. Uretzky, Tel Aviv Sourasky Medical Center, Israel	280
8	INHIBITORY EFFECT OF HIGH CONCENTRATIONS OF SANDIMMUNE ON CYTOCHROME C OXIDASE-DEPENDENT MITOCHONDRIAL RESPIRATION IS REVERSIBLE BY EXTERNAL CYTOCHROME C A.V. Todor , V.G. Sharov, H.N. Sabbah, Henry Ford Health System, Detroit, MI, USA	281
9	ASTROCYTE SUPPORT OF SYNAPTOGENESIS IS AUGMENTED BY NORMAL HDL AND IS PREVENTED BY DYSFUNCTIONAL HDL K. Navab , UCLA Medicine, Los Angeles, CA, USA	282
10	ASSOCIATION BETWEEN SPORT AND PATIENTS' RECOVERY AFTER GENERAL SURGERIES AND ANESTHESIA IN RECOVERY UNITS OF SELECTED HOSPITAL OF ISFAHAN UNIVERSITY OF MEDICAL SCIENCES IN 2004 H. Farahmand , A. Fereshtehnejad, A. Fereshtehnejad, Isfahan University of Medical Science, Isfahan, Iran	283

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**P302 Poster Session
CARDIAC IMAGING**

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HEGP, Paris, France

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Eastbourne District General Hospital, Eastbourne, East Sussex, UK

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30	ASSOCIATION OF TEENAGE PREGNANCY WITH ACUTE CORONARY SYNDROME IN MIDDLE AGE M H Akbar , Guilan University of Medical Sciences, Rasht. Iran	303
31	HIGH RATES OF ATHEROSCLEROSIS AND CARDIOVASCULAR EVENTS IN SUBJECTS RISK STRATIFIED AS LOW RISK PER FRAMINGHAM K.O Akosah , V.L McHugh, A.M Schaper, S.I Barnhart, M.A Mathiason, P.A Perlock, Gundersen Lutheran Health System, La Crosse and University of Wisconsin Madison, Madison, WI, USA	304
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45	AUTONOMIC FUNCTIONS IN PATIENTS WITH RHEUMATOID ARTHRITIS E. Onrat , C. Kilit, D. Evcik, N. Kara, T. Cakir, M. Melek, A.. Avsar, V. Kavuncu Afyon Kocatepe University, Afyon, Turkey	318
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14:15	PATHOGENESIS AND MANAGEMENT OF KAWASAKI DISEASE (Invited Lecture) M. Terai , Chiba University, Graduate School of Medicine, Chiba, Japan	328
14:30	OUTCOMES FOR ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture) G.L. Rosenthal , F. Xu, B.W. Duncan, L.A. Latson, A.A. Rimm Cleveland Clinic Foundation, Cleveland, OH, USA	329
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15:15	CONGENITALLY BICUSPID AORTIC VALVE: EXPERIENCE AT CEDARS-SINAI MEDICAL CENTER L.S.C. Czer , Cedars-Sinai Medical Center, Los Angeles, CA, USA	
15:30	DANON DISEASE AS A FREQUENT CAUSE OF HYPERTROPHIC CARDIOMYOPATHY IN CHILDREN Z. Yang, C.J. McMahon, L.R. Smith, J. Bersola, A.M Adesina, D.L Kearney, S. Berger, J.A Towbin, K.R Bowles, N.E Bowles , Baylor College of Medicine, Houston, TX, USA	333
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16:15	DIASTOLIC DYSFUNCTION ASSESSED BY TISSUE DOPPLER IMAGING IN PATIENTS WITH REPAIRED TETRALOGY OF FALLOT K.C. Cumbermack , A.J. Moon-Grady, S.K. Bennett, T.A. Tacy, UC Davis Medical Center, Sacramento, CA, USA	336

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16:45	UNIVENTRICULAR OR BIVENTRICULAR REPAIR AFTER POSTNATAL DUCT STENTING AND BILATERAL PULMONARY BANDING D. Schranz , I. Michel-Behnke, K. Valeske, J. Bauer, H. Akintuerk, Pediatric Heart Center Justus-Liebig University, Giessen, Germany	338
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- PL12: Plenary Session**
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- Chairperson: **B. Olshansky**, Iowa City, IA, USA
R.L. Page, Seattle, WA, USA
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- 14:15 ATRIAL FIBRILLATION: THE ROLE OF AVN ABLATION AND PACING (Invited Lecture) 340
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- 14:30 LONG TERM TEMPORAL PATTERNS OF RECURRENT VENTRICULAR TACHYARRHYTHMIAS (Invited Lecture) 341
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- 14:45 RATE CONTROL OF ATRIAL FIBRILLATION: INSIGHTS FROM AFFIRM STUDY 342
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- 15:00 RSD1235 IV FOR CONVERSION OF ATRIAL FIBRILLATION THE ATRIAL ARRHYTHMIA CONVERSION TRIAL (ACT I) 343
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- 15:15 CHARACTERIZATION OF SVC MYOCARDIAL SEGMENTS AND RIGHT ATRIAL CONNECTIONS BY NONCONTACT MAPPING 344
R.C. Klein, University of Utah, Salt Lake City, UT, USA
- 15:30 THE EVOLUTION OF ABLATION FOR THE TREATMENT OF ATRIAL FIBRILLATION
P.G. Guerra, Montreal Heart Institute, Montreal, Quebec, Canada
- 15:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

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Hall C

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**Session
NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES**

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- 14:00 WHAT IS THE PROGNOSTIC VALUE OF A NORMAL BUT SUBMAXIMAL PREOPERATIVE DOBUTAMINE STRESS ECHOCARDIOGRAM? 345
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Lahey Clinic, Medical Center, Burlington, MA, USA
- 14:15 MONITORING OF CORONARY RESTENOSIS AFTER STENT IMPLANTATION USING TRANSESOPHAGEAL ECHOCARDIOGRAPHY 346
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- 14:30 MAGNETIC RESONANCE IMAGING ABNORMALITIES AND OUTCOME OF RF ABLATION IN PATIENTS WITH RVOT TACHYCARDIA 348
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- 14:45 QUANTIFICATION OF CORONARY ARTERY STENOSES BY A NEWLY DEVELOPED 3-DIMENSIONAL SOFTWARE IN INTERVENTIONAL CARDIOLOGY - A COMPARISON WITH QCA 349
H. Rittger, **B. Schertel**, V. Schibgilla, H. Marom, M. Lichtlein, J. Brachmann, Klinikum Coburg, Coburg, Germany
- 15:00 RELATION OF CORRECTED TIMI FRAME COUNT AND ST SEGMENT RESOLUTION TO MYOCARDIAL TISSUE PERFUSION AFTER AMI 350
X.H. Zhang, X.J. Ma, Shandong Provincial Hospital, China
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- 15:30 EFFECTS OF LEVOSIMENDAN ON LEFT VENTRICULAR DIASTOLIC FUNCTION AFTER PRIMARY ANGIOPLASTY FOR ACUTE ANTERIOR MYOCARDIAL INFARCTION 352
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**Session
MOLECULAR CARDIOLOGY, BASIC RESEARCH**

Chairperson: **A.A. FPI**, Davis, CA, USA Abstract No.

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- 14:15 DUAL EFFECT OF THE AT₂ RECEPTOR IN THE CARDIOVASCULAR SYSTEM - AT₂ MEDIATES CELL GROWTH IN THE HEART BUT NOT ARTERY 354
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- 14:30 IN VITRO DIFFERENTIATION OF HUMAN CARDIAC PROGENITOR CELLS INTO CARDIOMYOCYTES 355
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- 14:45 ISCHEMIC PRECONDITIONING IN INTACT RAT HEART IS MEDIATED BY ENDOGENOUS CANNABINOID RECEPTORS 356
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- 15:00 FUNCTIONAL SIGNIFICANCE OF CARDIAC BETA₃-ADRENORECEPTORS IN ALCOHOLIC MONKEYS 357
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- 15:15 DAILY URINARY ISOPROSTANE EXCRETION AS MARKER OF CHRONIC HEART FAILURE 359
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- 15:30 THREE-DIMENSIONAL RECONSTRUCTION AND CONNEXIN CHARACTERIZATION OF THE RABBIT AND RAT ATRIOVENTRICULAR CONDUCTION AXIS 360
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- 15:45 THE ROLE OF MAST CELLS IN AORTIC INTIMA IN DEVELOPMENT OF ARTERIOSCLEROSIS 361
H.J. Sommer, Ruppiner-Kliniken Academic Hospital of the Charite, Berlin, Germany

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16:45 – 19:15 P13 (cont) Hall A

Abstract No.

- 18:45 BONE MARROW-DERIVED CELL MOBILIZATION WITH CONCURRENT G-CSF AND GM-CSF ADMINISTRATION IN ACUTE MYOCARDIAL INFARCTION: A PILOT STUDY EVALUATING FEASIBILITY, SAFETY AND EFFICACY 373
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- 19:00 THERAPEUTIC ANGIOGENESIS USING HGF (HEPATOCTE GROWTH FACTOR) GENE TO TREAT ISCHEMIC PERIPHERAL AND HEART DISEASE (Invited Lecture) 374
R. Morishita, **N. Tomita**, M. Aoki, T. Ogihara, Osaka University, Suita, Japan
-

16:45 – 19:15 Hall B

**S61: Session
ARRHYTHMIAS AND ELECTROPHYSIOLOGY**

Chairpersons: **C. Thomas Peter**, Los Angeles, CA, USA Abstract No.
M.A. Wood, Richmond, VA, USA

- 16:45 ARE ECHOCARDIOGRAPHIC PARAMETERS ASSOCIATED WITH ATRIAL FIBRILLATION RECURRENCE OR STROKE? RESULTS FROM THE AFFIRM STUDY 375
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- 17:15 ONE-YEAR OUTCOME OF CARIOVERSION OF RHEUMATIC ATRIAL FIBRILLATION 377
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- 17:30 THE LACK OF IMPROVEMENT IN LOWER LIMB SKELETAL MUSCLE FUNCTION POST CARDIAC RESYNCHRONISATION THERAPY 378
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18:15	SUCCESSFUL CATHETER ABLATION OF ATRIAL FIBRILLATION: FEASIBILITY OF NAVX AND DIGITAL IMAGE FUSION WITH CARDIAC MRI MAPPING OF THE LEFT ATRIUM J.D. Day, B.G. Crandall, J.S. Osborn, J.P. Weiss , J.A. Anderson, T. Foley, S. Allison, J. Nelson, D.L. Lappe, Utah Heart Clinic LDS Hospital, Salt Lake City, UT, USA	381
18:30	NOVEL LINEAR ABLATION METHOD FOR RAPID ISOLATION OF PULMONARY VEINS N.M. Elameri , P. Lambiase, T. Kotsakis, J.S. Gill, Guy's and St Thomas' NHS Trust, London, UK	382
18:45	FARMOGENETICS OF TREATMENT WITH FLECAINIDE AND PROPAFENONE IN PTS WITH ATRIAL FIBRILLATION I. Castillo, M. Martinez-Selles , P. Montenegro, M.L. Martin, J. Almendral, M. Samjurjo, Gregorio Maranon, Madrid, Spain	383
19:00	DIASTOLIC ASYNCHRONY FAILS TO PREDICT A FAVORABLE RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY C.M. Yu , JWH. Fung, Q. Zhang, H. Lin, Y.S. Chan, HCK Chan, GWK. Yip, A. Chan, LCC Kum, J.E. Sanderson, The Chinese University of Hong Kong, Hong Kong	384

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S62: Session
HYPERTROPHIC AND DILATED CARDIOMYOPATHIES, EXERCISE
PHYSIOLOGY IN HEART FAILURE

	Chairperson: R. Hobbs , Cleveland, OH, USA C.Y. Lui , Galveston, TX, USA	Abstract No.
16:45	GREATER SYMPTOM DURATION PREDICTS RESONSE TO IMMUNOMODULATORY THERAPY IN DILATED CARDIOMYOPATHY C.M. Stanton , S. Cha, D. McNamara, P. Aukrust, R. Wojnicz, F. Mookdadm, L.T. Cooper, Mayo Clinic, Rochester, MN, USA	385
17:00	FACTORS ASSOCIATED WITH MEDICAL NON-ADHERENCE IN HEART FAILURE PATIENTS S.V. Pamboukian , I.Nisar, S. Patel, L. Gu, M. McLeod, M.R. Costanzo, A Heroux, University of Alabama at Birmingham, Birmingham, AL, USA	386

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- 17:30 RENIN ANGIOTENSIN SYSTEM ACTIVATION AND CHRONIC ALCOHOL-INDUCED CARDIOMYOPATHY 388
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- 17:45 MMPS AND MYOCARDIAL REMODELING IN HEART FAILURE PROGRESSION 389
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- 18:00 NATURAL HISTORY OF LEFT VENTRICULAR HYPERTROPHY IN RENAL PATIENTS FROM PREDIALYSIS STAGE TO KIDNEY TRANSPLANTATION 390
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Miyakonojo Resional Medical Center, Miyakonojo, Miyazaki, Japan

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08:30 – 10:45

Hall A

PL14:	Plenary Session SURGERY FOR LV DYSFUNCTION, CARDIAC TRANSPLANTATION, MECHANICAL SUPPORT	
	Chairpersons: J. Elefteriades , New Haven, CT, USA	Abstract No.
	N. Radovanovic , Vojvodina, Serbia and Montenegro	
08:30	SURGICAL TREATMENT OF HEART FAILURE – FROM VALVE REPAIR TO REPAIR OF THE VENTRICLE (Invited Lecture) N. Radovanovic , L.J. Petrovic, B. Mihajlovic, S. Nicin, Z. Jonjev, M. Zorc, University Clinic of Cardiovascular Surgery, Sremska Kamenica, Yugoslavia	446
08:45	CARDIAC ALLOGRAFT VASCULOPATHY--IS THERE FINALLY SOME LIGHT AT THE END OF THE TUNNEL? (Invited Lecture) M. Johnson , University of Wisconsin School of Medicine, Madison, WI, USA	447
09:00	EXTENDED HEART ALLOGRAFT SURVIVAL BY MANIPULATION OF VASCULAR ENDOTHELIUM TO EXPRESS FAS-LIGAND (Invited Lecture) N. Askenasy , E. Yolcu, H. Shirwan, Schneider Children's Medical Center of Israel, Petach Tikva, Israel	448
09:15	HEMODYNAMIC UNLOADING OF THE FAILING LEFT VENTRICLE WITH THE ORQIS MEDICAL CANCION CARDIC RECOVERY SYSTEM H.N. Sabbah , M.A. Konstam, Henry Ford Health System, Detroit, MI, USA	449
09:30	IMPROVEMENT IN PERFUSION AND DILATATION OF OLD MYOCARDIAL INFARCTION AFTER INTRACORONARY AUTOLOGOUS BONE MARROW STEM CELL TRANSPLANTATION A. Manginas , E. Leontiadis, E. Gousetis, I. Peristeri, M. Theodosaki, S. Graphakos, G. Karatasakis, M. Koutelou, A. Theodorakos, D. Cokkinos, Onasis Cardiac Surgery Center, Athens, Greece	450
09:45	A NEW RIGHT VENTRICULAR ASSIST DEVICE (RVAD) FOR RV SUPPORT S. Christiansen , R. Autschbach, University of Aachen, Germany	451
10:00	SURGICAL VENTRICULAR RESTORATION FOR ISCHEMIC CARDIOMYOPATHY IN OLD PATIENTS M. Di Donato , S. Castelvechio, M. Rannucci, P. Dabic, A. Frigiola, C. De Vincentis, L. Menicanti, University of Florence, Firenze, Italy	452
10:15	EXTRACORPOREAL LIFE SUPPORT PROVIDES BETTER SURVIVAL IN PATIENTS RECEIVING PROLONGED CARDIOPULMONARY RESUSCITATION Y.S. Chen , S.C. Chao, S.C. Huang, N.H. Chi, I.H. Wu, H.S. Yu, J. Hsu, S.S. Wang, F.Y. Lin, National Taiwan University Hospital Taipei, Taiwan	453

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10:30 HEART TRANSPLANTATION IN PATIENTS WITH SEVERE PULMONARY HYPERTENSION 455
H. Al-Hiti, I. Malek, J. Kettner, Institute of Clinical Medicine, Prague, Czech Republic

10:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

08:30 – 10:15 Hall B

PL15 Plenary Session
MODIFICATION OF RISK FACTORS AND CAD, DYSLIPOPROTEINEMIA, HYPERTENSION, DIABETES MELLITUS

Chairperson: **M. Diamant**, Amsterdam, The Netherlands
I. Jialal, Sacramento, CA, USA

08:30 INFLAMMATION, CRP AND STATINS (Invited Lecture) 456
I. Jialal, UC Davis Medical Center, Sacramento, CA, USA

08:45 RETHINKING THE PRIMARY PREVENTION OF HYPERTENSION (Invited Lecture) 457
H.D. Sesso, Brigham and Women's Hospital, Boston, MA, USA

09:00 CLINICAL APPLICATIONS OF CHRONOCARDIOLOGY IN HYPERTENSION AND HEART FAILURE (Invited Lecture) 458
A. Kumar, Govt Medical College, Amritsar, India

09:15 DIABETIC CARDIOMYOPATHY: ANOTHER FEATURE OF THE METABOLIC SYNDROME? (Invited Lecture) 459
M. Diamant, VU University Medical Center, Amsterdam, The Netherlands

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09:45 CARDIOVASCULAR RISK PROFILE EARLIER IN LIFE AND HEALTH CARE COSTS IN OLDER AGE (Invited Lecture) 461
M. Daviglus, Northwestern University, Chicago, IL, USA

10:00 THE CARDIOVASCULAR RESEARCH OF HERB AND NATURAL PRODUCTS (Invited Lecture) 462
P. Chan, C-Yin Kwan, Taipei Medical University, Taipei, Taiwan

10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

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Hall C

- S63: Session**
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME, RENAL ASPECTS
- Chairperson: **R.C. Bourge**, Birmingham, AL, USA Abstract No.
W. Miller, Rochester, MN, USA
- 08:30 FEMALE SEX IS A STRONG PREDICTOR OF SURVIVAL IN PATIENTS WITH LEFT VENTRICULAR EJECTION FRACTION <0.2 BUT ONLY IN ABSENCE OF CORONARY ARTERY DISEASE 464
E. Martinez, **M. Martinez-Selles**, M. Dominguez, M.A Garcia Fernandez, E. Garcia, Hospital Gregorio Maranon, Madrid, Spain
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Northwestern University, Chicago, IL, USA, Peking University, Beijing, China
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Bayer HealthCare, Wuppertal, Germany
- 09:15 NEW CARDIOPROTECTIVE AGENT K201 IS NATRIURETIC AND GFR ENHANCING 467
O. Lisy, J.C. Burnett, Mayo Clinic and Mayo Clinic College of Medicine,
Rochester, MN, USA
- 09:30 A WEARABLE CONTINUOUS ULTRAFILTRATION BELT FOR AMBULATORY TREATMENT OF CHF 468
V. Gura, C. Ezon, M. Beizai, Cedars Sinai Medical Center. UCLA,
The Geffen School of Medicine, National Quality Care, Inc, CA, USA
- 09:45 NESIRITIDE SUPPORTED VOLUME LOADING IN THE PREVENTION OF CONTRAST-INDUCED NEPHROPATHY 469
R.M. Mills, R.E. Hobbs, C.T. Bajzer, D.J. Moliterno, Henry Ford Hospital,
Detroit, MI, USA
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JE Sanderson, CWK Lam, The Chinese University of Hong Kong, Hong Kong
- 10:15 INDEPENDENT PREDICTORS OF RIGHT VENTRICLE DYSFUNCTION IN PATIENTS WITH SEVERE LEFT VENTRICULAR SYSTOLIC DYSFUNCTION 471
M. Dominguez, **M. Martinez-Selles**, E. Martinez, M.A Garcia Fernandez,
E. Garcia, Hospital Gregorio Maranon, Madrid, Spain
- 10:30 PROGNOSTIC VALUE OF HAEMOGLOBIN LEVELS AT DISCHARGE IN OLDER PATIENTS ADMITTED WITH HEART FAILURE 472
N. Wisniacki, P. Aimson, C. Manning, **S. Raza**, M. Lye, J. Pyatt,
Liverpool University, Liverpool, UK
- 10:45 COFFEE BREAK, VISIT POSTERS & EXHIBITION

TUESDAY, JULY 19, 2005

11:15 – 14:00

Hall A

PL16:	Plenary Session	
	NEW HORIZONS IN THE MANAGEMENT OF HEART FAILURE	
	Chairperson: F.G. Spinale , Charleston, SC, USA	Abstract No.
	K. Chatterjee , San Francisco, CA, USA	
11:15	BIOMARKERS IN CARDIOMYOPATHY (Invited Lecture) W.L. Miller , Mayo Clinic, Rochester, MN, USA	473
11:30	INTERSTITIAL UNRAVELING OF THE MATRIX IN HEART FAILURE: CLINICAL IMPLICATIONS (Invited Lecture) F.G. Spinale , Medical University of South Carolina, Charleston, SC, USA	474
11:45	THE PURSUIT OF OPTIMUM OUTCOMES IN HEART FAILURE: POLYPHARMACY AND DEVICES FOR ALL OR SELECTIVE USE (Invited Lecture) U. Thadani , OUHSC, and VAMC, Oklahoma City, Oklahoma, USA	475
12:00	NESIRITIDE : SYSTEMIC AND CORONARY HEMODYNAMIC EFFECTS (Invited Lecture) K. Chatterjee , University of California San Francisco, San Francisco, CA, USA	476
12:15	NOVEL DRUG THERAPIES FOR HEART FAILURE (Invited Lecture) R.E Hobbs , Cleveland Clinic, Cleveland, OH, USA	477
12:30	NEW DEVICE THERAPIES AND MONITORING DEVICES FOR ADVANCED HEART FAILURE (Invited Lecture) R.C Bourge , University of Alabama at Birmingham, Birmingham, AL, USA	478
12:45	BETA BLOCKERS IN CORONARY DISEASE AS CARDIOPROTECTION (Invited Lecture) B. F Uretsky , University of Texas Medical Branch, Galveston, TX, USA	479
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