SCIENTIFIC PROGRAM
SUNDAY, JULY 17, 2005

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?  
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
PL01:  Plenary Session
MOLECULAR AND CELLULAR BIOLOGY, GENETIC STUDIES

Chairperson: N.S. Dhalla, Winnipeg, MB, Canada
            H.N. Sabbah, Detroit, MI, USA

10:45 SARCOLEMMA REMODELING IN HEART FAILURE DUE TO
       MYOCARDIAL INFARCTION (Invited Lecture)  
       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)  
       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)  
       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)  
       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)  
       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  
       Y. Momose, S. Yamamura, F. Okabe, Toho University, Funabashi, Chiba,
       Japan

12:15 DILATED CARDIOMYOPATHY AS A DISEASE OF THE COSTAMERE
       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  
       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  
       T. Miura, Sapporo Medical University, Sapporo, Japan

13:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
PL02: Plenary Session
ACUTE CORONARY SYNDROMES, ACUTE MYOCARDIAL INFARCTION, ANTITHROMBOTIC THERAPY

Chairperson: J.H. Chesebro, Jacksonville, FL, USA
Abstract No.
S. Dalla-Volta, Padova, Italy

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

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

11:15 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

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

11:45 IDENTIFICATION AND TREATMENT OF HEPARIN-INDUCED THROMBOCYTOPENIA IN THE CARDIOVASCULAR PATIENT (Invited Lecture)
J.H. Chesebro, Mayo Clinic Jacksonville, Jacksonville, FL, USA

12:00 INCIDENCE OF HEPARIN-INDUCED THROMBOCYTOPENIA (HIT) AND ITS PROBLEMS IN JAPAN (Invited Lecture)
T. Tomaru, Cardiology Center, Toho University Sakura Hospital, Japan

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

12:30 EARLY USE OF LIPID LOWERING DRUGS IN ACS (Invited Lecture)
S. Gottlieb, Bikur Cholim Hospital, Jerusalem, Israel

12:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 17, 2005

10:45 – 13:15  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

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 COMPLECTING REVASCULARIZED ACUTE MYOCARDIAL INFARCTION  20
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  MULTIDICIPLINARY TREATMENT IN SEVERE HEART FAILURE PATIENTS  23
R.M. Ganam, D. Hermoni, M. Abu-Rass
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  25
G. Barbaro, A. Lucchini, G. Barbarini, University "La Sapienza", Rome, Italy

12:30  PULMONARY HYPERTENSION AS A PREDICTOR OF POOR OUTCOME IN ROBOTIC CARDIAC RESYNCHRONIZATION THERAPY  26
St. Luke's–Roosevelt Hospital Center, Columbia University College of Physicians and Surgeons, New York, NY, USA
SUNDAY, JULY 17, 2005

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

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

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

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

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

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
10:45 – 13:15 S 52 (cont)  

11:45  
LIPID OXIDISING CHLAMYDIA ANTIBODIES AS A NEW DRUG TARGET IN THE TREATMENT OF ATHEROSCLEROSIS  
I.M. Petyaev, Cambridge Theranostics Ltd., Bioscience Innovation Centre, Cambridge, UK  

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  

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  

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  

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  

13:00  
LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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<td>Cheng-Hsin General Hospital, and National Yang-Ming University, Taipei, Taiwan</td>
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<td>British American Tobacco, Southampton, Hants, UK</td>
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<td>B.W. Wang, K.G. Shyu, P. Kuan</td>
<td>Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan</td>
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<td>University of Delhi, Delhi, India</td>
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<td>C.T. Beneli, P.F. Barbosa, F.S. Ramalho, M.A Rossi, S.G. Ramos</td>
<td>University of São Paulo, Ribeirão Preto, São Paulo, Brazil</td>
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<td>University of Ljubljana, Slovenia</td>
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<td>Poster Session</td>
<td>DIAGNOSTIC METHODS</td>
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<td>A.M. AbdelWahab, E. Baligh, M. Mokhtar, A.M. Zaki, Cairo University, Cairo, Egypt</td>
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<td>H. Hasegawa, J Inagaki, H Kanai, M Ichiki, F Tezuka, Tohoku University, Sendai, Japan,</td>
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<td>S Yokoyama, Y Li, T Takayama, T Saruya, J Honye, S Saito</td>
<td>Nihon University School of Medicine, Tokyo, Japan</td>
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P103 Poster Session
INTERVENTIONAL CARDIOLOGY

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<td>USE OF A COMBINED MOBILE PHONE AND FAX SOLUTION SPEEDS UP THE SELECTION OF PATIENTS FOR ACUTE CORONARY REVASCULARIZATION</td>
<td>J Ravkilde, Skejby Hospital - Aarhus University Hospital, Aarhus Denmark</td>
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<td>Y.Y. Abdelmonem, M. Abdelhameed, H.I. Kandil, Sh F. Eltobgi, Cairo University, Cairo, Egypt</td>
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<td>SIXTH MONTHS CLINICAL FOLLOW UP POST BYPASS GRAFT DISEASE TREATED WITH DRUG-ELUTING STENTS VERSUS BARE METAL STENTS</td>
<td>D.A. Locca, G Girod, C Imsand, P Vogt, Sion Hospital, Sion, Switzerland</td>
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<td>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</td>
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P104  Poster Session
RENAL ASPECTS

EVALUATION OF N-ACETYLCYSTEINE ON CONTRAST INDUCED NEPHROPATHY: COMPARISON OF CAUCASIANS, HISPANICS, AND AFRICAN-AMERICANS

H. Gnanasekeram, V.K Verma, T.R Engel, J.E Parrillo, E.A Iliadis
Cooper Hospital - UMDNJ-Robert Wood Johnson Medical School, Camden, NJ, USA

P105  Poster Session
PREDICTORS AND MARKERS OF HEART FAILURE OUTCOME I

A COMPARISON OF THE PROGNOSTIC VALUE OF THE LEFT VENTRICULAR EJECTION FRACTION DETERMINED BY NUCLEAR PERFUSION IMAGING AND ECHOCARDIOGRAPHY

M Yamini, N Ahmed, M.X Pham, P.A Heidenreich
VA Palo Alto Health Care System, Stanford University, Palo Alto, CA, USA

PREDICTORS OF RECURRENT EMERGENCY DEPARTMENT VISITS IN A LARGE HEART FAILURE CARE PROGRAM

S. Brar, A. Mehany, R. Zadegan, A. Lai, A. Shen
Kaiser Permanente Medical Center, Los Angeles, CA, USA

LOW HDL IS ASSOCIATED WITH HIGHER NYHA CLASS AND PREDICTS DEATH IN PATIENTS WITH LEFT VENTRICULAR DYSFUNCTION

T. Sampietro, F. Bigazzi, B. Dal Pino, P. Landi, M. Puntoni, B. Pennato, A. Bionda, C. Carpeggiani, CNR Institute of Clinical Physiology, Pisa, Italy

PERIPHERAL EDEMA: PREVALENCE AND ASSOCIATION WITH OUTCOME IN PRIMARY CARE

N. Ahmed, M. Park, P. Nagarajan, M. Yamin, P.A Heidenreich
VA Palo Alto Health Care System, Stanford University, Palo Alto, CA, USA

BLOOD UREA NITROGEN LEVEL AT ADMISSION - PROGNOSTIC MARKER IN PATIENTS WITH CHRONIC HEART FAILURE

M. Roik, S. Stawicki, M.H Starczewska, A. Solarska, O. Warszawik, D. Kosior, G. Opolski, Medical University of Warsaw, Poland

CARDIAC TROPONIN T (CTNT) PREDICTS SURVIVAL OF PATIENTS WITH DECOMPENSATED HEART FAILURE (DHF) ON HOSPITAL ADMISSION

M.D Oliveira, J. Alvares, L.C Brant, M.C Moreira
Federal University of Minas Gerais, Hospital Felicio Rocho, Brazil
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S.M Deepak, W Khan, T Coppinger, C Wywell, N.H Brooks, Wythenshawe Regional Cardiothoracic Centre, Manchester, UK

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K. Navab, UCLA Medicine, Los Angeles, CA, USA

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46 COMPARISON OF UNIPOLAR VERSUS BIPOLAR PACING THRESHOLDS AND IMPEDANCES 83
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G. Lin, P.A Brady, T.L Webster, S.C Hammill, R.F Rea, D.L Hayes, Mayo Clinic, Rochester, MN, USA
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**P107 (cont) Poster Hall**

08:30 – 12:30

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| 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  
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| 50       | ENDOTAK RELIANCE G EVALUATION OF HANDLING AND ELECTRICAL PERFORMANCE (REFLEX) STUDY - MULTICENTER, RANDOMIZED, PROSPECTIVE TRIAL  
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A. Matsuyama, N. Sakai, M. Ishigami, H. Hiraoka, S. Yamashita  
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| 53       | SPATIAL RESOLUTION EFFECT IN MYOCARDIAL FATTY ACID METABOLIC IMAGE IN FLUORESCENT X-RAT CT  
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| 54       | ONE YEAR ATROVASTATIN THERAPY FOR SEVERE ISCHEMIC HEART FAILURE WITH COR PULMONALE  
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| 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  
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| 56       | MIXED SALAD VEGETABLE CONSUMPTION IMPROVES PLASMA LIPID STATUS, AND PREVENTS PLASMA LIPID OXIDATION AND CELLULAR DNA DAMAGE IN HEALTHY MAN  
M.R. Kim, Chungnam National University, Daejeon, South Korea  
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| 58       | HEMODYNAMIC CHANGE AFTER HALF BODY BATHING IN PATIENTS WITH CARDIOVASCULAR RISK FACTOR  
W.I Rhee, Y.J. Ko, Catholic University, Seoul, Korea  
95 |
SUNDAY, JULY 17, 2005

14:00 – 16:15

Hall A

PL03 Plenary Session
ARRHYTHMIAS I: SUDDEN CARDIAC DEATH / CARDIOPULMONARY RESUSCITATION / IMPLANTABLE ANTIARRHYTHMIC DEVICES

Chairperson: M.E. Cain, St. Louis, MO, USA
V.K. Somers, Rochester, MN, USA

Abstract No.

14:00 SLEEP APNEA, ARRHYTHMIA AND SUDDEN CARDIAC DEATH (Invited Lecture)
V.K. Somers, Mayo Clinic College of Medicine, Rochester, MN, USA

14:15 RISK STRATIFICATION FOR SUDDEN DEATH--IS EJECTION FRACTION ALONE SUFFICIENT?
M.E. Cain, Washington University, St. Louis, MO, USA

14:30 MINIMIZING UNNECESSARY RIGHT VENTRICULAR PACING IN AN ICD (Invited Lecture)
B. Olshansky, D. Lerew, S.P. McQuillen, J. Day, University of Iowa, Iowa City, IA, USA

14:45 INDICATIONS FOR ICD IMPLANTATION-GUIDELINES FOR THE CLINICIAN (Invited Lecture)
C.T. Peter, Cedars-Sinai Medical Center, Los Angeles, CA, USA

15:00 THE IDENTIFICATION OF HEART FAILURE PATIENTS PRONE TO BENEFIT FROM CARDIAC RESYNCHRONIZATION THERAPY (Invited Lecture)
M.V. Pitzalis, M. Iacoviello, R. Romito, E. De Tommasi, P. Guida, G. Luzzi
University of Bari, Bari, Italy

15:15 PACING THERAPY: LESSONS LEARNED FROM MULTICENTER CLINICAL STUDIES (Invited Lecture)
P. Levine, St. Jude Medical CRM, Sylmar, CA, USA

15:30 THE FULLY AUTOMATIC EXTERNAL CARDIOVERTER-DEFIBRILLATOR: THE REALITY OF A NEW MEANINGFUL SCENARIO (Invited Lecture)
A. Martinez-Rubio, Hospital de Sabadell, Barcelona, Spain

15:45 UBIQUINONE AND HYPOTHERMIA AFTER CARDIAC ARREST: CLINICAL RESULTS, ELECTROPHYSIOLOGICAL AND BIOCHEMICAL PREDICTORS
M.S Damian, D. Ellenberg, R. Gildemeister, G. Simonis, J. Lauermann, W. Sauter, C. Georg
University Hospitals of Leicester, Leicester, UK

16:00 CORONARY VEIN BALLOON ANGIPLASTY FOR LEFT VENTRICULAR PACEMAKER LEAD IMPLANTATION
B. Hansky, J. Vogt, H. Gueldner, J. Heintze, B. Lamp, D. Horstkotte, R Koerfer, Heart Center NRW, Department of Thoracic and Cardiovascular Surgery, Bad Oeynhausen, Germany

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
PL04  Plenary Session
NEW DEVELOPMENTS IN CARDIAC IMAGING

Chairpersons:  D.S. Berman, Los Angeles, CA, USA  
A. Lahiri, London, UK

14:00  NONINVASIVE ULTRASOUND TECHNIQUES IN THE EVALUATION OF SUBCLINICAL CARDIOVASCULAR DISEASE - STATE OF THE ART (Invited Lecture)  
J.M Gardin, St. John Hospital and Medical Center, Wayne State University, Detroit, MI, USA  
Abstract No. 106

14:15  ULTRASOUND ASSESSMENT OF CARDIOVASCULAR RISK (Invited Lecture)  
P.R Liebson, Rush University Medical Center, Chicago, IL, USA  
Abstract No. 107

14:30  CORONARY CALCIUM, SILENT MYOCARDIAL ISCHAEMIA AND INFLAMMATORY BIOMARKERS IN ASYMPTOMATIC TYPE 2 DIABETIC SUBJECTS WITHOUT PRIOR CARDIOVASCULAR DISEASE (Invited Lecture)  
V.A Dhakshinamurthy, E. Lim, D. Hopkins, R. Corder, A. Lahiri  
Cardiac Imaging and Research Centre, Wellington Hospital, London, UK  
Abstract No. 108

14:45  NEW INSIGHT IN THE EVALUATION OF THE REGIONAL LEFT VENTRICLE FUNCTION (Invited Lecture)  
F. Fedele, La Sapienza University, Rome, Italy  
Abstract No. 109

15:00  NUCLEAR CARDIOLOGY: WHICH GOLD STANDARD FOR SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY? (Invited Lecture)  
P. Marzullo, A. Gimelli, A. Giorgetti, A. Kusch, E.M. Ferdeghini,  
Institute of Clinical Physiology, CNR, Pisa, Italy  
Abstract No. 110

15:15  NEW METHODS OF MEASURING ATRIAL FUNCTION (Invited Lecture)  
B.D. Holt, University Hospitals of Cleveland and Case Western Reserve University, Cleveland, OH, USA  
Abstract No. 111

15:30  ADVANCES IN CARDIOVASCULAR MOLECULAR IMAGING (Invited Lecture)  
V. Dilsizian, University of Maryland School of Medicine, Baltimore, MD, USA  
Abstract No. 112

15:45  NUCLEAR CARDIOLOGY IN THE MANAGEMENT OF HEART DISEASE IN DIABETES (Invited Lecture)  
R.G. Schwartz, Preventive & Nuclear Cardiology, University of Rochester Medical Center, Rochester, NY, USA  
Abstract No. 113

16:00  STRAIN-RATE ECHOCARDIOGRAPHY IN ISCHEMIC HEART DISEASE (Invited Lecture)  
C. Pislaru, Mayo Clinic, Rochester, MN, USA  
Abstract No. 114
16:15 STRESS ECHOCARDIOGRAPHY: STATE-OF-THE-ART (Invited Lecture)
P.A. Pellikka, Mayo Clinic and Mayo Foundation, Rochester, MN, USA

16:30 ASSESSMENT OF MYOCARDIAL PERFUSION BY CARDIAC MAGNETIC RESONANCE (Invited Lecture)
L.J. Jimenez-Borreguero, Hospital Universitario de la Princesa, Madrid, Spain

17:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION

S54 Session
CORONARY ARTERY DISEASE: SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION

Chairperson: Y. Charuzi, Los Angeles, CA, USA
J.J. Mahmarian, Houston, TX, USA

14:00 COMPLEMENTARY ANALYSIS OF EFFICACY AND SAFETY AND PROGNOSTIC FACTORS FOR LONG-TERM SECONDARY PREVENTION OF VENOUS THROMBOEMBOLISM WITH XIMELAGATRAN
S. Schulman, T. Lundstrom, K. Wahlander, S. Billing Clason, H. Eriksson, McMaster University, Hamilton, ON, Canada

14:15 TISSUE INHIBITOR OF METALLOPROTEINASE (TIMP)-1 A RISK PREDICTOR FOR FUTURE CARDIOVASCULAR DEATH
E. Lubos, R. Schnabel, H.J Rupprecht, C. Bickel, R. Walscheid, S. Prigge, L. Tiret, T. Münzel, S. Blankenberg
Johannes Gutenberg-University, Mainz, Rheinland-Pfalz, Germany

14:30 RISK FACTORS AND COMPRESSION OF CARDIOVASCULAR MORBIDITY- A LIFE HISTORY ANALYSIS OF THE 46-YEAR FOLLOW-UP OF THE FRAMINGHAM HEART STUDY
A.A Mamun, G.M Williams, A. Peeters, L. Bonnuex, University of Queensland, Queensland, Australia

14:45 DIFFERENT EFFECT OF CORONARY REVASCULARIZATION IN ANGINA AND POST-INFARCTION PATIENTS
C. Carpeggiani, P. Landi, E. Barberini, A. Niccolini, A. L'Abbate
CNR Institute of Clinical Physiology, Pisa, Italy
SUNDAY, JULY 17, 2005

14:00 – 15:45  S54 (cont)  Hall C

15:00  MELATONIN: A NOVEL PREDICTOR OF PROGNOSTIC SIGNIFICANCE IN PATIENTS WITH MYOCARDIAL INFARCTION
A. Dominguez-Rodriguez, P. Abreu-Gonzalez, M. Garcia-Gonzalez, J. Ferrer-Hita, M. Bethencourt-Munoz, R.J. Reiter,
Hospital Universitario de Canarias, Tenerife, Spain

15:15  PREDICTION OF THE MULTIVESSEL DISEASE IN PATIENTS WITH ACUTE CORONARY SYNDROMES WITHOUT ST ELEVATION ON PRE-ANGIOGRAPHY BASIS
R. Glowczynska, M. Grabowski, K.J. Filipiak, G. Karpinski, L.A Malek, J. Kochman, G. Opolski, Medical University of Warsaw, Warsaw, Poland

15:30  SURVEY OF THE EFFECTIVE FACTORS ON SLEEP QUALITY IN PATIENTS AFTER CORONARY ARTERY BYPASS GRAFT (CABG) SURGERY IN RASHT, 2002
M. Ehsani, M. Baghaei, C. Mitra, N. Kazem, Azad University, Tonkabon, Iran

15:45  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
SUNDAY, JULY 17, 2005

16:45 – 19:15  Hall A

PL05  Plenary Session
VASCULAR BIOLOGY, ENDOThelial FUNCTION

Chairperson:  M.A. Rossi, Ribeirao Preto, Brazil  Abstract No.
J-F. Tanguay, Montreal, QC, Canada

16:45 INTIMAL REMODELING IN HYPERTENSION AND STEADY FLOW OR NORMOTENSION AND TURBULENT FLOW (Invited Lecture)  125
C.M. Prado, S.G. Ramos, J.C. Alves-Filho, J. Elias Jr., M.A. Rossi
Faculty of Medicine of Ribeirão Preto, University of São Paulo, Brazil

17:00 VASCULAR EFFECTS OF PHYSICAL EXERCISE. LESSONS FROM ANIMAL MODELS (Invited Lecture)     126
G. Kojda, Institut fuer Pharmakologie und Klinische Pharmakologie, Heinrich-Heine Universitaet, Duesseldorf, Germany

17:15 ESTRADIOL AND VASCULAR HEALING: A PROMISING THERAPEUTIC STRATEGY (Invited Lecture)    127
J-F Tanguay, P. Geraldes, M.G. Sirois, I. Cloutier
Institut de Cardiologie de Montreal, Montreal, QC Canada

17:30 CONTROLLING INFLAMMATORY CELL ACTIVATION AND RESTORING ENDOTHELIAL CELL FUNCTION DURING OXIDATIVE STRESS THROUGH NOVEL CELLULAR TARGETS (Invited Lecture)   128
K. Maiese, Z.Z. Chong, F. Li, Wayne State University, Detroit, MI, USA

17:45 NF-KAPPAB SIGNALING IN VASCULAR REPAIR (Invited Lecture)  129
Z.Q Yan, W. Erl, D.X. Bu, R. de Martin, G.K Hansson
Karolinska Institute, Stockholm, Sweden,

18:00 ROLE OF ANGIOTENSIN II AND MECHANICAL PRESSURE IN OXIDATIVE STRESS IN ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH HYPERTENSION (Invited Lecture)   130
Y. Higashi, Hiroshima University, Cardiovascular Physiology and Medicine, Hiroshima, Japan

18:15 CARDIOPROTECTIVE EFFECT OF POLY(ADP-RIbose) POLYMERASE INHIBITION IN REPERFUSION INJURY AND IN HEART FAILURE (Invited Lecture)  131
C. Szabo, Inotek Pharmaceuticals Corporation, Beverly, MA, USA

18:30 RESPECTIVE ROLE OF NITRIC OXIDE AND PROSTAGLANDINS IN ENDOTHELIAL DYSFUNCTION (Invited Lecture)    132
L. Belhassen, Hopital Prive d’Antony, Antony, France

18:45 IS EXPRESSIONAL UPREGULATION OF ENDOTHELIAL NO SYNTHASE A PRACTICAL APPROACH TO PREVENT VASCULAR DISEASE (Invited Lecture)  133
U. Forstermann, H. Li, Johannes Gutenberg University, Mainz, Germany

19:00 IN VIVO CASPASE INHIBITION PREVENTS PLAQUE PROGRESSION IN A MOUSE MODEL OF ATHEROSCLEROSIS  134
R. Hutter, C. Valdiviezo, B. Sauter, J.J. Badimon, V. Fuster
Mount Sinai School of Medicine, New York, NY, USA
PL06  Plenary Session
NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE

Chairperson:  U. Elkayam, Los Angeles, CA, USA  
U. Thadani, Oklahoma City, OK, USA

16:45  AN ANIMAL MODEL OF DIASTOLIC HEART FAILURE; IMPLICATION OF MEDICAL TREATMENT (Invited Lecture)  135
M. Hori, K. Yamamoto, Y. Sakata, T. Masuyama, Osaka University, Suita, Osaka, Japan

17:00  ASSESSMENT OF LEFT VENTRICULAR DIASTOLIC FUNCTION: ROLE OF ECHOCARDIOGRAPHIC TECHNIQUES (Invited Lecture)  136
S.F. Nagueh, Baylor College of Medicine, Houston, TX, USA

17:15  ENDOCARDIAL RADIOFREQUENCY ABLATION OF SEPTAL HYPERTROPHY (ERASH) FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY: A NEW MODALITY OF GRADIENT REDUCTION? (Invited Lecture)  137
T. Lawrenz, F. Lieder, M. Bartelsmeier-Schmale, H. Kuhn  
Bielefeld Klinikum, Dept. of Cardiology, Bielefeld, Germany

17:30  CARDIORENAL SYNDROME IN HEART FAILURE (Invited Lecture)  139
U. Elkayam, University of Southern California, Los Angeles, CA, USA

17:45  IS EMPATHY AN EFFICIENT ADJUNCT THERAPY IN SEVERE HEART FAILURE? (Invited Lecture)  141
H. J Geschwind, Paris 12 University, Creteil and EHESS, Paris, France

18:00  SEX, LIES AND HEART FAILURE (Invited Lecture)  142
M. Martinez-Selles, University Hospital Gregorio Maranon, Madrid, Spain
SUNDAY, JULY 17, 2005

16:45 – 19:00  Hall C

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**S55 Session**

**INTERVENTIONAL CARDIOLOGY**

**Chairperson:** N. Lakkis, Houston, TX, USA

**Abstract No.**

**16:45** LEFT ATRIAL APPENDAGE OCCLUSION TO PREVENT STROKE IN SUB-OPTIMAL WARFARIN CANDIDATES: INTERIM RESULTS OF THE EUROPEAN MULTICENTER REGISTRY TRIAL  


CardioVascular Center Frankfurt, Sankt Katharinen, Frankfurt, Germany

**17:00** SYSTEMIC NANOPARTICLE ALBUMIN-BOUND PACLITAXEL (ABI-007) FOR PREVENTION OF IN-STENT RESTENOSIS (SNAPIST-I): A FIRST IN MAN SAFETY AND DOSE FINDING STUDY  

*J.E McDonald*, W.P Klinke, J. Margolis, R. Heuser, R. Waksman, R Virmani, J. Fajadet, J.D. Hilton, Victoria Heart Institute Foundation, Victoria, BC, Canada

**17:15** NEW INSIGHT IN TRANSCATHETER VALVE REPLACEMENT: APPROACHING THE ATRIOVENTRICULAR VALVES. AN ANIMAL STUDY  

*Y. Boudjemline*, G. Agnoletti, D. Bonnet, D. Sidi, P. Bonhoeffer  

Pediatric Cardiology, Necker for Sick Children Hospital, Paris, France

**17:30** DOES VASCULAR PATENCY OF CHRONIC TOTAL OCCLUSION (CTO) CONTRIBUTE TO IMPROVE THE LONG-TERM PROGNOSIS?  

*K. Hirano*, T. Muramatsu, R. Tsukahara, Y. Ito, Y. Furuse, S. Nishimura, T. Tsubota, T. Orita, Kawasaki Social Insurance Hospital, Kawasaki City, Japan

**17:45** IN-STENT RESTENOSIS OFTEN MANIFESTS AS ACUTE CORONARY SYNDROME: IMPLICATIONS FOR WIDESPREAD USE OF DRUG-ELUTING STENTS  

*V.N Singh*, R. Sharma, M. Richardson  

Suncoast Cardiovascular Research, St. Petersburg, FL, USA

**18:00** PERCUTANEOUS INTERVENTION TO THE UNPROTECTED LEFT MAIN CORONARY ARTERY: TWELVE MONTH EXPERIENCE OF UNSELECTED CASES  


**18:15** STENT-GRAFT TREATMENT OF COMPLETE ACUTE AORTIC TRANSECTION AND PSEUDO-COACTION  

E. de Cillis, A.S. Bortone, D. D’Agostino, L. de Luca Tupputi Schinosa  

Institute of Cardiac Surgery, University of Bari, Italy
18:30  LONG-TERM RESULTS OF CAROTID STENTING  150
CardioVascular Center Frankfurt, Sankt Katharinen, Frankfurt, Germany

18:45  TOWARDS OFF-SITE PRIMARY ANGIOPLASTY: A RANDOMIZED TRIAL  151
V. Umans, H. Peels, H. de Swart, R. Hautvast, Medical Center Alkmaar,
The Netherlands
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Human Connexin40 Gene Polymorphisms Affect Promoter Activity by Altering Binding of NFAT and GATA Transcription Factors


D-4F An Apolipoprotein A-I Mimetic Peptide Decreases HDL Lipid Hydroperoxides and Increases Paraoxonase Activity

E. Bachini, UCLA Medicine Los Angeles, CA, USA

The Proinflammatory Properties of HDL Are Inversely Correlated With the Ability of HDL to Remove Cholesterol from Human Monocyte Macrophages

S. Pak, UCLA Medicine, Los Angeles, CA, USA

Cardiac Changes in Experimental Sepsis

M. Rubia Nunes Celes, D.T Duenas, J.C Alves-Filho, F.Q Cunha, M.A Rossi
Faculty of Medicine of Ribeirao Preto, Ribeirao Preto, SP, Brazil

Alpha-Lipoic Acid Ameliorates Doxorubicin-Induced Myocardial Toxicity

A.A Al-Majed, A.M Gado, O.A Al-Shabanah, M.A Mansour
College of Pharmacy, King Saud University, Saudi Arabia

The Roles of Serum Matrix Metalloproteinases in Patients with Persistent Atrial Fibrillation to Heart Failure

M.H Chang, G.P Jong, T Ma, S.D Kuo
Armed Force Taichung General Hospital, Taichung, Taiwan, ROC

Matrix Metalloproteinases as Novel Disease Markers in Takayasu Arteritis

A. Matsuyama, N. Sakai, M. Ishigamai, H. Hiraoka, S. Yamashita
Osaka University Hospital, Suita, Osaka, Japan

Cyclophosphamide Facilitates the Development of Chagasic MyocardioPathy in Rats Infected with Trypanosoma Cruzi

Universidad Centroeccidental Lisandro Alvarado, Barquisimeto, Lara, Venezuela

13 (S)-HPODE Converts HDL to Proinflammatory That Is Reversed by D-4F

N. Yu, UCLA, Los Angeles, CA, USA

Heparin Added to Cardioplegic Solution Inhibits TNF-Alpha Production and Attenuates Myocardial Ischemic-Reperfusion Injury

I. Frolikis, D. Pevni, I. Shapira, Y. Paz, N. Nesher, R. Mohr, G. Uretzky
Tel Aviv Sourasky Medical Center and Tel Aviv University, Israel
### P202 Poster Session

**BIOCHEMICAL MARKERS OF ACUTE ISCHEMIA**

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<td>COST-EFFECTIVENESS IS LOW WHEN MEASURING CARDIAC MARKERS AFTER ELECTIVE PCI</td>
<td>S. Hjortshoj, J. Ravkilde, Aalborg Hospital - Aarhus University Hospital, Denmark</td>
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<td>INTERLEUKIN-6 AND VEGF IN ACUTE PHASE OF STEMI IN PATIENTS TREATED WITH PRIMARY ANGIOPLASTY</td>
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<td>S. E Alansari, B.C Croal, Armed Forces Hospital, Ministry of Defense, Kuwait</td>
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### P203 Poster Session
**THE PLAQUE AND ACUTE CORONARY SYNDROMES**

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### P204 Poster Session
**MYOCARDIAL STUNNING, HIBERNATION AND PRECONDITIONING**

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**P205 Poster Session**  
**HYPERTENSION, BASIC AND CLINICAL**

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**26** ASSOCIATION OF ADIPONECTIN T94G POLYMORPHISM AND PLASMA PAI-1 IN PATIENTS WITH AND WITHOUT HYPERTENSION  
**J.R Jeng, J.H Wang, S.Z Lin**  
Buddhist Tzu-Chi General Hospital, Tzu-Chi University, Hualien, Taiwan

**27** BERBERINE FOR OVERWEIGHT/OBESE NON-DIABETIC ESSENTIAL HYPERTENSION  
**X.H Zeng, X.J Zeng, Y.Y Li**  
Chengdu Second People's Hospital, Chengdu, China

**28** CLINICAL OBSERVATIONS OF EFFECTS OF BERBERINE ON TNF-ALPHA AND ACTIVITY OF ALDOSE REDUCTAS IN CARDIORENAL SYNDROME SECONDARY TO DIABETIC HEART FAILURE  
**X.H Zeng, X.J Zeng, Y.Y Li**  
Chengdu Second People's Hospital, Chengdu, China

**29** THE PREVALENCE AND PATTERN OF ABNORMAL GLUCOSE TOLERANCE IN ADULT NIGERIANS WITH PRIMARY HYPERTENSION  
**C.O Odigwe, O.E Essien**  
University of Calabar Teaching Hospital, Calabar, Cross River State, Nigeria

**30** EFFECT OF CALCIUM SUPPLEMENTATION ON PREVENTION OF PREGNANCY INDUCED HYPERTENSION  
**M. Kashanian, M. Rayka**  
Iran University of Medical Sciences, Tehran, Iran

**31** LEFT VENTRICULAR FILLING ABNORMALITIES AND OBESITY ASSOCIATED HYPERTENSION: RELATIONSHIP WITH OVERPRODUCTION OF CIRCULATING TRANSFORMING GROWTH FACTOR BETA 1  
University of Palermo, Italy

**32** HEART RATE OF HYPERTENSIVE INDIVIDUALS DURING HANDGRIP AND POSTEXERCISE CIRCULATORY OCCLUSION  
UFMG, Belo Horizonte, MG, Brazil

**33** SERUM MATRIX METALLOPROTEINASE TISSUE INHIBITOR TYPE 1 LEVELS  
**E. Onrat, M. Serteser, A. Celik, D. Kaya, A. Kahraman, T. Koken, M. Melek, M. Alpaslan, Afyon Kocatepe University, School of Medicine, Afyon, Turkey

**34** DIASTOLIC BLOOD PRESSURE MEASUREMENT WITHOUT USING STETHOSCOPE  
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Faramarz-Shahed University, Tehran, Iran

**35** AUTONOMIC DYSFUNCTION IN ASYMPTOMATIC PATIENTS WITH TTR MET30+  
**J. Freitas, R. Santos, M. Carvalho, E. Azevedo, E. Teixeira, F. Rocha-Goncalves**  
Hospital de Sao Joao, Porto, Portugal
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45 COMPUTER-ASSISTED CLINICAL CARDIOVASCULAR DIAGNOSIS
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P208 Poster Session

MISCELLANEOUS II

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M.R Kim, Y.H Yang, F Penelope, D.E Sok
Chungnam National University, Daejeon, Korea

47 PREVENTIVE TREATMENT OF TYPE II ENDOLEAK: THE FEASIBILITY OF A NEW METHOD
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Dipartimento di Malattie Cardiovascolari, Cittadella, Padova, Italy

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

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

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
P209  Poster Session
PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE

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51 TRANSCATHETER OCCLUSION OF CORONARY ARTERY FISTULAE IN VIETNAM
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52 PATHOLOGY AND APOPTOSIS OF THE CARDIAC CONDUCTION SYSTEM IN 100 VICTIMS OF SUDDEN INFANT DEATH SYNDROME (SIDS)
G. Ottaviani, A.M Lavezzi, L. Matturri
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

53 TRANS-HEPATIC ULTRASOUND-GUIDED PUNCTURE IN THE FETAL LAMB: A NEW APPROACH FOR TRANSCATHERETER CARDIAC INTERVENTIONS
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54 MICRODELETION OF CHROMOSOME 22 IN A SERIES OF PATIENTS WITH NON-SELECTIVE CONGENITAL HEART DISEASE
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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

56 5-YEARS FOLLOW-UP OF TRANSCATHETER PFO CLOSURE USING INTRACARDIAC ECHOCARDIOGRAPHY
E. Onorato, L. Pedon, F. Casilli, M. Mbala-Mukendi, G.P. Anzola, M. Zanchetta, Humanitas Gavazzeni Clinic, Bergamo, Italy

57 RESYNCHRONISATION THERAPY IN ADULTS WITH CONGENITAL HEART DISEASE
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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
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<td>08:30 – 10:30</td>
<td><strong>Plenary Session</strong>&lt;br&gt;DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES**</td>
<td>Chairperson: M.A. Alpert, St. Louis, MO, USA&lt;br&gt;H.P. Schultheiss, Berlin, Germany</td>
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<tr>
<td>08:30</td>
<td><strong>DIAGNOSIS AND TREATMENT OF INFLAMMATORY CARDIOMYOPATHY</strong> (Invited Lecture)</td>
<td>H. Schultheiss, Charité-University Medicine Berlin-Campus Benjamin Franklin, Germany</td>
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<td>08:45</td>
<td><strong>OBESITY CARDIOMYOPATHY: PATHOGENESIS, CLINICAL RECOGNITION AND MANAGEMENT</strong> (Invited Lecture)</td>
<td>M.A. Alpert, St. John's Mercy Medical Center, St. Louis, MO, USA</td>
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<td>09:00</td>
<td><strong>COLLAGEN AND CARDIOVASCULAR REMODELING. WHY BOTHER?</strong> (Invited Lecture)</td>
<td>B.I. Jugdutt, University of Alberta, Edmonton, Alberta, Canada</td>
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<td>09:15</td>
<td><strong>PROGNOSTIC FACTORS AND RISK STRATIFICATION IN CHAGAS HEART DISEASE</strong> (Invited Lecture)</td>
<td>A. Rassi Jr, Anis Rassi Hospital, Goiania, GO, Brazil</td>
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<td>09:30</td>
<td><strong>CARDIAC CA2+ CHANNELS PROVIDE A MAJOR PATHWAY FOR IRON ENTRY INTO HEART CELLS</strong> (Invited Lecture)</td>
<td>P.H Backx, M.G Trivieri, G.Y Oudit, University of Toronto, Canada</td>
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<tr>
<td>09:45</td>
<td><strong>DOBUTAMINE-INDUCED HYPERSENSITIVITY MYOCARDITIS IN END-STAGE HEART FAILURE PATIENTS</strong> (Invited Lecture)</td>
<td>C.Y Lui, J.R. Younger, R.E Sobonya, F.A Arabia, J.G Copeland, U. Texas Medical Branch, Galveston, TX, USA</td>
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<td>10:00</td>
<td><strong>PROSPECTS OF PREVENTIVE MAINTENANCE OF DILATED CARDIOMYOPATHY, CAUSED BY VIRAL DAMAGE OF HEART (CLINICAL AND EXPERIMENTAL STUDIES)</strong> (Invited Lecture)</td>
<td>N. Kipshidze, Institute of Experimental and Clinical Therapy, Tbilisi, Georgia</td>
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<td>10:15</td>
<td><strong>HIV INFECTION AND THE CARDIOVASCULAR SYSTEM</strong> (Invited Lecture)</td>
<td>G. Barbaro, Medical Pathophysiology, University of La Sapienza, Italy</td>
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<td>10:30</td>
<td><strong>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</strong></td>
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08:30 – 10:00  Hall B

PL08:  Plenary Session
INTERVENTIONAL CARDIOLOGY

Chairperson:  H. Mudra, Munich, Germany  H. Sievert, Frankfurt, Germany

08:30  TRANSCATHETER CLOSURE OF PATENT FORAMEN OVALE FOR SECONDARY PREVENTION OF TIAS AND STROKES: ACUTE RESULTS AND FOLLOW UP IN 770 PATIENTS (Invited Lecture)  219
CardioVascular, Center Frankfurt Sankt Katherinen, Frankfurt, Germany

08:45  SIX YEARS OF ALCOHOL SEPTAL ABLATION FOR HOCM: LESSONS LEARNED (Invited Lecture)  220
N. Lakkis, Baylor College of Medicine, Houston, TX, USA

09:00  PERCUTANEOUS CAROTID INTERVENTIONS UNDER NEUROPROTECTION – AN UPDATE 2005 (Invited Lecture)  221
H. Mudra, Krankenhaus Munchen Neuperlach, Munchen, Germany

09:15  DRUG ELUTING STENTS IN CURRENT CORONARY INTERVENTIONAL PRACTICE (Invited Lecture)  222
V. Mathew, Mayo Clinic, Rochester, MN, USA

09:30  ADVANCES IN BIOENGINEERING AND BIOMATERIALS: IMPROVING INTERVENTIONAL CARDIOLOGY (Invited Lecture)  223
S.R. Bailey, University of Texas Health Sciences Center, San Antonio, TX, USA

09:45  GENE-ELUTING STENTS FOR PREVENTION OF RESTENOSIS: AN ANTI-INFLAMMATION STRATEGY FOR NEXT-GENERATION INTRAVASCULAR THERAPY (Invited Lecture)  224
K. Egashira, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

10:00  COFFEE BREAK, VISIT POSTERS AND EXHIBITION
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<td>Session</td>
<td>CARDIAC OVER-EXPRESSION OF CATALASE ABLATES INSULIN RESISTANCE-INDUCED</td>
<td>F. Dong, C.X. Fang, B.H. Zhao, J. Ren, University of Wyoming, Laramie, WY, USA</td>
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<td>CARDIAC CONTRACTILE DYSFUNCTION AND PROTEIN CARBONYL FORMATION</td>
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<td>INDEPENDENT OF INSULIN RECEPTOR SIGNALING</td>
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<td>08:45</td>
<td>Session</td>
<td>FASTING SERUM APOLIPOPROTEIN B-48 LEVEL MEASURED BY NOVEL ELISA</td>
<td>S. Yamashita, T. Sugimoto, K. Tsujii, I. Shimomura, Y. Masuda, A. Ikeda,</td>
<td>Osaka University Graduate</td>
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<td>IS A GOOD MARKER OF POSTPRANDIAL HYPERLIPEMIA AND PREDICTS</td>
<td>T. Okuno, Y.Uchida, N. Sakai</td>
<td>School of Medicine, Suita,</td>
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<td>CORONARY HEART DISEASE</td>
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<td>Osaka, Japan</td>
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<td>09:00</td>
<td>Session</td>
<td>THE EFFECT OF BODY MASS INDEX CHANGES BETWEEN AGES 5 AND 14 ON</td>
<td>A.A Mamun, G.M Williams, D.A Lawlor, M. O’Callaghan, J.M Najman</td>
<td>University of Queensland,</td>
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<td>BLOOD PRESSURE AT AGE 14: FINDINGS FROM A BIRTH-COHORT STUDY</td>
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<td>Queensland, Australia</td>
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<td>LIGHT/DARK VARIATIONS OF CELL-MEDIATED IMMUNITY ACTIVATION</td>
<td>M. Garcia-Gonzalez, A. Dominguez-Rodriguez, P. Abreu-Gonzalez, J. Ferrer-</td>
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<td>IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION</td>
<td>Hita, M. Bethencourt-Munoz, Hospital Universitario de Canarias, La</td>
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<td>Laguna, Tenerife, Spain</td>
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<td>09:30</td>
<td>Session</td>
<td>EFFECT OF SOYBEAN PROTEIN ON BLOOD PRESSURE: A RANDOMIZED CONTROLLED</td>
<td>J. He, D. Gu, X. Wu, J. Chen, P.K. Whelton, Tulane University, New</td>
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<td>Orleans, LA, USA</td>
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<td>09:45</td>
<td>Session</td>
<td>URIC ACID STIMULATES VASCULAR SMOOTH MUSCLE CELL PROLIFERATION</td>
<td>T.H Cheng, H.H Chao, J.C Liu, H.Y Yang, J.Y Liou, K.G Shyu, Taipei</td>
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<td>BY INCREASING ENDOTHELIN-1 EXPRESSION</td>
<td>Medical University-Wan Fang Hospital &amp; Graduate Institute of Medical</td>
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<td>Sciences, Taipei, Taiwan</td>
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<td>10:00</td>
<td>Session</td>
<td>ROLE OF HYPERPOLARIZATION AND NITRIC OXIDE IN THE RADIAL ARTERY OF</td>
<td>I. Kardasz, Scuola Superiore S.Anna University, Pisa, Italy</td>
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<td>ESSENTIAL HYPERTENSIVE PATIENTS</td>
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10:15 INFLUENCE OF DIABETES MELLITUS OVER PROGNOSIS AND MANAGEMENT OF NON ST ELEVATION ACUTE CORONARY SYNDROME

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 REvascularization

Chairperson:  J.S. Borer, New York, NY, USA  
H. Boudoulas, Athens, Greece

11:15 MOLECULAR/CELLULAR PATHOPHYSIOLOGY: POSSIBLE BASIS FOR CLINICAL MANAGEMENT IN REGURGITANT VALVULAR DISEASES?  235
(Invited Lecture)
J.S. Borer, Weill Medical College of Cornell University, New York, NY, USA

11:30 AORTA: FUNCTION-DYSFUNCTION-CLINICAL IMPLICATIONS  236
(Invited Lecture)
H. Boudoulas, Foundation Biomedical Research, Academy of Athens, Greece

11:45 INCITING EVENTS FOR ACUTE AORTIC DISSECTION (Invited Lecture)  237
J.A. Elefteriades, I. Hatzaras, J. Bible
Yale University School of Medicine, New Haven, CT, USA

12:00 PERCUTANEOUS MITRAL VALVE REPAIR (Invited Lecture)  238
T. Sanborn, Northwestern University Medical School, Evanston, Illinois, USA

12:15 MITRAL VALVE REPAIR IN PATIENTS WITH END-STAGE CARDIOMYOPATHY: WHO WILL BENEFIT? (Invited Lecture)  239
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 REvascularIZATION BY “EXCLUSIVE MAMMARY ARTERY GRAFTING”: RESULTS OF A SYSTEMATIC APPROACH (Invited Lecture)  243
P. Nataf, N. Al Attar, R. Ramadan, R. Raffoul, F. Nappi
CCN, Center Cardiologique du Nord, Saint Denis, France

13:30 FACTORS DETERMINING BLEEDING RISK AFTER MECHANICAL VALVE REPLACEMENT - 20 YEARS EXPERIENCE IN 1766 PATIENTS  244
E.G. Butchart, N. Payne, G.G. Grunkemeier
University Hospital of Wales, Cardiff, Wales, UK

13:45 15 YEARS CLINICAL AND ECHOCARDIOGRAPHIC FOLLOW-UP RESULTS IN 493 PATIENTS UNDERGOING SUCCESSFUL MITRAL BALLOON VALVOTOMY AND PREDICTORS OF LONG-TERM OUTCOME  245
King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia

14:00 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 18, 2005

11:15 – 13:15  Hall B

PL10:  Plenary Session
ATHEROSCLEROSIS: PATHOGENESIS AND TREATMENT

Chairperson:  R. Paoletti, Milan, Italy  
S. Stern, Jerusalem, Israel

Abstract No.

11:15  NUTRITION, INFLAMMATION, AND ATHEROSCLEROSIS
(Invited Lecture)  246
R. Paoletti, University of Milan, Milan, Italy

11:30  SUCCESSFUL GENE THERAPY AGAINST ATHEROSCLEROSIS
BY RAAV DELIVERY OF IL-10 (Invited Lecture)  247
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

11:45  THE ROLE OF STEM/PROGENITOR CELLS IN THE PATHOGENESIS
OF ARTERIOSCLEROSIS (Invited Lecture)  248
Q. Xu, St. George's Hospital Medical School, London, UK

12:00  INFLAMMATION AND INFECTION IN ATHEROSCLEROSIS
(Invited Lecture)  249
S. Amar, Boston University Medical Center, Boston, MA, USA

12:15  HAS THE TIME COME TO SCREEN FOR ISCHEMIC HEART
DISEASE? (Invited Lecture)  250
S. Stern, Bikur Cholim Hospital, Jerusalem, Israel

12:30  CARDIOPROTECTION WITH ISCHEMIC PRECONDITIONING:
IS EFFICACY MAINTAINED IN AGING COHORTS? (Invited Lecture)  251
K. Przyklenk, University of Massachusetts Medical School.
Worcester, MA, USA

12:45  ANTIANGINAL THERAPY AND STRESS TESTING (Invited Lecture)  252
R. Sicari, CNR, Institute of Clinical Physiology, Pisa, Italy

13:00  NEW AND EVOLVING TREATMENT STRATEGIES FOR CHRONIC
REFRACTORY ANGINA (Invited Lecture)  253
G.W. Barsness, Mayo Clinic and Foundation, Rochester, MN, USA

13:15  LUNCH BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 18, 2005

11:15 – 13:45  Hall C

S57: Session
VASCULAR BIOLOGY, VASCULAR RESEARCH

Chairperson:  G. Kojda, Dusseldorf, Germany
K. Maiese, Detroit, MI, USA

11:15 ROLE OF CIRCULATING TISSUE FACTOR ON STENT THROMBOSIS IN AN IN VITRO SYSTEM
T. Palmerini, B. Coller, V. Cervi, L. Tomasi, A. Marzocchi, C. Marrozzini, P. Ortolani, O. Leone, M. Picciolo, A. Branzi, Policlinico S. Orsola, Bologna, Italy

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

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

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

12:15 THROMBOXANE A2 INHIBITS EXPRESSON OF INDUCIBLE NITRIC OXIDE SYNTHASE AND REGULATES VASCULAR TONE
T. Yamada, T. Fujino, K. Yuki, A. Hara, K. Matsubara, S. Narumiya, F. Ushikubi, Asahikawa Medical College, Asahikawa, Japan

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

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

13:00 ENDOTHELIAL FUNCTION IN PATIENTS WITH SICKLE CELL ANEMIA DURING AND AFTER SICKLE CELL CRISSES
A. Blum, S. Yegane, A. Peleg, F. Vigder, K. Kruger, K. Khazim, Poria Medical Center, Lower Galilee, Israel

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

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

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 18, 2005

11:15 – 13:45  Hall D

S58  Session
ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION,
ANTITHROMBOTIC THERAPY, BIOCHEMICAL MARKERS

Chairperson:  A. Lopez-Farre, Madrid, Spain  
Abstract No.  
V. Mathew, Rochester, MN, USA

11:15 POLY-ADP-RIBOSE-POLYMERASE-1 (PARP-1) IS ACTIVATED BY
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E Toth-Zsamboki, 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

11:30 IS TROPNIN ELEVATION AS A SINGLE VARIABLE SU FICIENT TO
REFER A PATIENT FOR CARDIAC CATHETERIZATION?  265
Y. Selektor, T. Hanane, H. Faraz, J. Guzman, P.J. McLaughlin,
Wayne State University, Detroit, MI, USA

11:45 THE PROSTAGLANDIN E2-EP4 SYSTEM PROTECTS THE HEART
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Asahikawa Medical College, Asahikawa, Japan

12:00 THE EFFECT OF ADENOSINE ON THE NOS MRNA EXPRESSION IN
THE INFARCTED REFLOW AND NO-REFLOW MYOCARDIUM
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Y.J Yang, J.L Zhao, R.L Gao, J.L Chen, Fuwai Heart Hospital, Beijing, China

12:15 IMPACT OF THE ESC/ACC CONSENSUS REPORT ON RE-DEFINITION
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S. Hjortshoj, J.E. Otterstad, B. Lindahl, R. Danielsen, K Pulkki, J Ravkilde
Dept. of Cardiology Aalborg Hospital - Aarhus University, Denmark

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Intrinsic Bioprobes, Inc., Tempe, AZ, USA

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S. Grajek, M. Popiel, P. Breborowicz, M. Lesiak, R. Czepczynski, A. Czyz,
L. Gil, M. Kozlowska- Skrzypczak, K. Sawinski, A. Cieslinski,
First Department of Cardiology, Poznan, Poland

13:00 EFFICACY OF AIR AMBULANCE SYSTEM FOR THE TREATMENT OF
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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

13:15 TEN YEARS FOLLOW-UP OF BRAUNWALD CLASS III AND IV
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V.A. Umans, C.J. Broers, S. Schrijver, J.H. Cornel, Medical Center Alkmaar,
The Netherlands
MONDAY, JULY 18, 2005

11:15 – 13:45 S58 (cont) Hall D

13:30 TRANSCATHETER CLOSURE OF POST MYOCARDIAL INFARCTION VENTRICULAR SEPTAL RUPTURE - A SINGLE CENTER EXPERIENCE M. Vijayakumar, M. Krishnakumar, K.K. Haridas, Amrita Institute of Medical Science & Research Center, Elamakkara, India

13:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION
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**P301 Poster Session**

**MOLECULAR CARDIOLOGY, BASIC RESEARCH II**

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**CARDIAC IMAGING**

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### P303 Poster Session

**ECHOCARDIOGRAPHY**

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**P304 Poster Session**

**ANGIOPLASTY OR SURGERY FOR MULTIVESSEL CORONARY ARTERY DISEASE**

22 EFFECTS OF GENDER AND CARDIOVASCULAR RISK FACTORS ON PLATELET AND NEUTROPHIL INTERACTIONS IN PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION (PCI)

**Z-Y Jiang**, N. Azzi, Y. Merhi, J-F Tanguay

Montreal Heart Institute, QC. Canada

23 CORONARY ARTERY BYPASS GRAFT IN HIV-INFECTED PATIENTS. A MULTICENTER CASE CONTROL STUDY

**F. Boccara**, G. Odi, E. Di Angelantonio, A. Cohen, **G. Barbarini**, G. Barbaro, Saint Antoine University Hospital, Paris, France

24 THE IMPROVEMENTS IN THE PHYSIOLOGICAL CAPACITY OF THE HEART POST CORONARY ARTERY BYPASS GRAFT SURGERY

**A.Y Patwala**, D Barker, S.G Williams, M Jackson, L.B Tan, D.J Wright

The Cardiothoracic Centre, Liverpool, Meseyside, UK

25 SEQUENTIAL ENDOVASCULAR COIL EMBOLIZATION FOR A TRAUMATIC CERVICAL VERTEBRAL AV FISTULA

**C.L Hung**, Y.J. Wu, C.J.Y Hou, Mackay Memorial Hospital, Taipei, Taiwan

26 CLINICAL EXPERIENCE WITH THE MODIFIED BOOT STRAP ANGIOPLASTY PROCEDURE FOR DOUBLE VESSEL CORONARY ARTERY DISEASE

**A.D. Vrachatis**, M.A. Fraley, D.J. Nikas, A.A. Zacharoulis, **M.A. Alpert**

St. John’s Mercy Medical Center, St. Louis, MO, USA
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08:30 – 12:30

Poster Hall

P306 Poster Session

MODIFICATION OF LIPOPROTEINS AND CORONARY DISEASE

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P307 Poster Session

PHARMACOLOGIC MODULATION OF VASCULAR-ENDOTHELIAL FUNCTION

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Board No. Abstract No.
42 THE EFFECTS OF STATINS ON PLASMA ADIPONECTIN LEVELS IN NON-DIABETICS, HYPERCHOLESTEROLEMIC PATIENTS Y.A. Ding, P.F Hsu, T.M Lu, Taipei Veterans General Hospital and National Yang-Ming University, Taiwan, R.O.C. 315
43 AN OPEN LABEL CROSSOVER TRIAL OF EFFECTS OF METRONIDAZOL ON HYPERLIPIDAEMIA, K Shamkhani, M.A Pira, M.H. Akbar, Guilan University of Medical Sciences, Rasht, Iran 316
44 INHIBITION OF CYCLIC STRAIN-INDUCED ENDOTHELIN-1 SECRETION BY TRILINOLEIN W. Ko, P. Chan, T. Cheng, Cathay General Hospital, Taipei, Taiwan 317
45 AUTONOMIC FUNCTIONS IN PATIENTS WITH RHEUMATOID ARTHRITIS E. Onrat, C. Kiliit, D. Evcik, N. Kara, T. Cakir, M. Melek, A.. Avsar, V. Kavuncu Afyon Kocatepe University, Afyon, Turkey 318

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**USEFULNESS OF MEASUREMENT OF DIABETIC CONTROL INDEX AS A POINT OF CARE**

S.E. Alansari, Armed Forces Hospital, Ministry of Defense, Kuwait

**EFFICACY OF PLASMA SEPARATION IN COMPLEX THERAPY OF OLD PATIENTS WITH POSTINFARCTIONAL CARDIOSCLEROSIS AND HEART FAILURE**

R.M. Zaslavskaya, G.V. Liitsa, M.I. Kalinina, M.M. Tejbloom, Hospital No. 60, Moscow, Russia

**COMPARISON OF PLASMA LEPTIN LEVELS IN PATIENTS WITH NORMAL, LOW, MODERATE AND HIGH RISK MYOCARDIAL PERFUSION SCAN**

A.H. Bagheri, R.Olamaei, A. Khosravi, M.S. Khosravi M. Imam, Hossein Hospital, Shahroud Faculty of Medical Sciences, Islamic Republic of Iran
PL11: Plenary Session
CLASSIC PEDIATRIC CARDIOLOGY/ADULT CONGENITAL AND FETAL CARDIOLOGY

Chairpersons: B.W. Duncan, Cleveland, OH, USA
G.L. Rosenthal, Cleveland, OH, USA

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B.W. Duncan, Children's Hospital at the Cleveland Clinic, Cleveland, OH, USA

14:15 PATHOGENESIS AND MANAGEMENT OF KAWASAKI DISEASE (Invited Lecture) 328
M. Terai, Chiba University, Graduate School of Medicine, Chiba, Japan

14:30 OUTCOMES FOR ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture) 329
G.L. Rosenthal, F. Xu, B.W. Duncan, L.A. Latson, A.A. Rimm, Cleveland Clinic Foundation, Cleveland, OH, USA

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P.S. Tappia, K.K. Cheema, M.R. Dent, N. Aroutiounova, University of Manitoba, Winnipeg, MB, Canada

15:00 PATHOGENESIS AND MANAGEMENT OF AORTIC DILATION IN ADULTS WITH CONGENITAL HEART DISEASE (Invited Lecture) 331
A. Yetman, University of Colorado, Denver, CO, USA

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 333
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

15:45 COLOR M-MODE PROPAGATION VELOCITY IN HUMAN FETUSES CHANGES THROUGH GESTATION 334
A.J Moon-Grady, T.A Tacy, D. Taylor, L.K. Hornberger, University of California, Davis, Sacramento, CA, USA

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Y. Boudjemline, S. Schievano, D. Bonnet, D. Sidli, P. Bonhoeffer, Necker for Sick Children Hospital, Neckler University, Paris, France

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K.C. Cumbermack, A.J. Moon-Grady, S.K. Bennett, T.A. Tacy, UC Davis Medical Center, Sacramento, CA, USA
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17:00 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
MONDAY, JULY 18, 2005

14:00 – 15:45  Hall B

PL12:  Plenary Session
ARRHYTHMIAS II: DIAGNOSIS / DRUG THERAPY / ABLATION

Chairperson:  
B. Olshansky, Iowa City, IA, USA  
R.L. Page, Seattle, WA, USA

14:00  ASYMPTOMATIC OR "SILENT" ATRIAL FIBRILLATION (Invited Lecture)  
R.L. Page, University of Washington, School of Medicine, Seattle, WA, USA

14:15  ATRIAL FIBRILLATION: THE ROLE OF AVN ABLATION AND PACING  
(Invited Lecture)  
W.K. Shen, Mayo Clinic, Rochester, MN, USA

14:30  LONG TERM TEMPORAL PATTERNS OF RECURRENT VENTRICULAR  
TACHYARRHYTHMIAS (Invited Lecture)  
M.A. Wood, Virginia Commonwealth University Medical Center, Richmond, VA, USA

14:45  RATE CONTROL OF ATRIAL FIBRILLATION: INSIGHTS FROM AFFIRM  
STUDY  
B. Olshansky, L.E. Rosenfeld, A.L. Warner, A.J. Solomon, G. O'Neill,  
A. Sharma, E. Platia, G.K. Feld, T. Akiyama, L.H. Greene, University of Iowa,  
Iowa City, IA, USA

15:00  RSD1235 IV FOR CONVERSION OF ATRIAL FIBRILLATION THE ATRIAL  
ARRHYTHMIA CONVERSION TRIAL (ACT I)  
D. Roy, C. Pratt, D.G. Wyse, E. Toft, C. Torp-Pedersen, S. Juul-Moller,  
Montreal Heart Institute Research Center, Montreal, QC, Canada

15:15  CHARACTERIZATION OF SVC MYOCARDIAL SEGMENTS AND RIGHT  
ATRIAL CONNECTIONS BY NONCONTACT MAPPING  
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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S.B. Labib, M. Goldstein, P.M. Kinnunen, E.C. Schick
Lahey Clinic, Medical Center, Burlington, MA, USA

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R. Krittayaphong, T.Boonyasirinun, P. Saiviroonporn, S. Nakyen, P. Thanapiboonpol, W. Waranaprakarnchais, S. Keawkamthong, Siriraj Hospital, Bangkok, Thailand

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

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X.H. Zhang, X.J. Ma, Shandong Provincial Hospital, China

15:15 APPLICATION OF GATED-SPECT IN THE EVALUATION OF THERAPEUTIC RESPONSE OF STEM CELLS IMPLANTED AFTER MYOCARDIAL INFARCTION  351
H. Shi, X. Zhang, S. Chen, Y. Li, J. Ge, Zhongshan Hospital, Fudan University, Shanghai, China

15:30 EFFECTS OF LEVOSIMENDAN ON LEFT VENTRICULAR DIASTOLIC FUNCTION AFTER PRIMARY ANGIOPLASTY FOR ACUTE ANTERIOR MYOCARDIAL INFARCTION  352
L. De Luca, P. Proietti, B. Brasolin, A. Di Roma, G. Benedetti, G. Sardella, F. Fedele, La Sapienza University, Rome, Italy

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<td>LOSS OF ATP-INDUCED SIGNAL TRANSDUCTION MECHANISM IN THE STUNNED MYOCARDIUM DUE TO ISCHEMIA-REPERFUSION INJURY (Invited Lecture)</td>
<td>H.K. Saini, N.S. Dhalla, University of Manitoba, Winnipeg, MB, Canada</td>
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<td>14:15</td>
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<td>DUAL EFFECT OF THE AT2 RECEPTOR IN THE CARDIOVASCULAR SYSTEM - AT2 MEDIATES CELL GROWTH IN THE HEART BUT NOT ARTERY</td>
<td>O. Watanabe, T. Saito, R. Ding, N. Wang, G.D. Frank, T. Inagami, T. Senbonmatsu, Vanderbilt University, Nashville, TN, USA</td>
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<td>IN VITRO DIFFERENTIATION OF HUMAN CARDIAC PROGENITOR CELLS INTO CARDIOMYOCYTES</td>
<td>MJ Goumans, A Smits, P van Vliet, C Seinen, R Hassink, A Brulet de la Riviere, P. Doevendans, HLCU, Utrecht, The Netherlands</td>
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<td>ISCHEMIC PRECONDITIONING IN INTACT RAT HEART IS MEDIATED BY ENDOGENOUS CANNABINOID RECEPTORS</td>
<td>A.R. Hajrasouliha, S. Tavakoli, P. Jabeher-Maralani, F. Ebrahimimi, A.R. Dehpour, Tehran University of Medical Sciences, Tehran, Iran</td>
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<td>15:00</td>
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<td>FUNCTIONAL SIGNIFICANCE OF CARDIAC BETA3-ADRENORECEPTORS IN ALCOHOLIC MONKEYS</td>
<td>H.J. Cheng, K.A. Grant, J.B. Daunais, D.P. Friedman, W.C. Little, C.P. Cheng Wake Forest University School of Medicine, Winston-Salem, NC, USA</td>
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<td>15:30</td>
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<td>THREE-DIMENSIONAL RECONSTRUCTION AND CONNEXIN CHARACTERIZATION OF THE RABBIT AND RAT ATRIOVENTRICULAR CONDUCTION AXIS</td>
<td>Y.S Ko, H.I Yeh, N.J. Severs, Chnag Gung Memorial Hospital, Taipei, Taiwan</td>
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<td>15:45</td>
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<td>THE ROLE OF MAST CELLS IN AORTIC INTIMA IN DEVELOPMENT OF ARTERIOSCLEROSIS</td>
<td>H.J. Sommer, Ruppiner-Klinikken Academic Hospital of the Charite, Berlin, Germany</td>
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<td>16:00</td>
<td>CYCLOSPORINE A IMPROVES MITOCHONDRIAL FUNCTION IN ISOLATED FAILING CARDIOMYOCYTES</td>
<td>V.G. Sharov, A.V. Todor, Y. Ishigai, M. Imai, H.N. Sabbah, Henry Ford Health System, Detroit, MI, USA</td>
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<td>16:15</td>
<td>IN VIVO STUDY OF THE ROLE OF CYSTIC FIBROSIS TRANSMEMBRANE-CONDUCTANCE REGULATOR CL CHANNELS IN EARLY AND LATE CARDIAC ISCHEMIC PRECONDITIONING</td>
<td>L. Ye, L. Dwyer, D. Duan, University of Nevada, Reno, NV, USA</td>
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<td>16:30</td>
<td>COFFEE BREAK, VISIT POSTERS AND EXHIBITION</td>
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16:45 – 19:15  Hall A

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<td>16:45</td>
<td>MYOGENESIS: PROMISES AND PITFALLS (Invited Lecture)</td>
<td>R.L. Laham</td>
<td>BIDMC/Harvard Medical School, Boston, MA, USA</td>
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<td>J. Ge, Y. Li, J. Qian, J. Shi, Q. Wang, Y. Niu, B. Fan, X. Liu, A. Sun</td>
<td>Ou Zhongshan Hospital, Fudan University, Shanghai, China</td>
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<td>17:00</td>
<td>EFFICACY OF EMERGENT TRANSCATHETER TRANSPLANTATION OF STEM CELLS FOR TREATMENT OF ACUTE MYOCARDIAL INFARCTION (TCT-STAMI) (Invited Lecture)</td>
<td>J. Ge, R.L. Laham</td>
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<td>Ou Zhongshan Hospital, Fudan University, Shanghai, China</td>
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<td>17:15</td>
<td>DUAL IN VIVO MR EVALUATION OF MOUSE EMBRYONIC STEM CELLS AND THEIR FUNCTIONAL EFFECTS IN MOUSE MODEL OF MYOCARDIAL INFARCTION (Invited Lecture)</td>
<td>P.C. Yang</td>
<td>Stanford University, Stanford, CA, USA</td>
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<td>K. Suzuki, M. Arai, Y. Li, G. Takemura, S. Minatoguchi, T. Fujiwara</td>
<td>Graduate School of Medicine, Gifu University, Gifu, Japan</td>
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<td>X. Yang</td>
<td>Johns Hopkins University School of Medicine, Baltimore, MD, USA</td>
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<td>Mt. Sinai School of Medicine, New York, NY, USA</td>
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<td>VEGF REGULATES REENDOTHELIALIZATION AND NEOINTIMA FORMATION IN A MOUSE MODEL OF ARTERIAL INJURY</td>
<td>R. Hutter, F. Carrick, C. Valdiviezo, J.J. Badimon, V. Fuster, B. Sauter</td>
<td>Mt. Sinai School of Medicine, New York, NY, USA</td>
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<td>INFLUENCE OF G-CSF ON THE HEART AND ARTERY WITH RAT ACUTE MYOCARDIAL INFARCTION AND CAROTID ARTERY BALLOON INJURY MODEL</td>
<td>Y. Li, N. Fukuda, S. Yokoyama, T. Takayama, S. Saito, J. Honye, Y. Kusumi, T. Matsumoto, M. Mitsumata, H. Mugishima, Nihon University School of Medicine, Tokyo, Japan</td>
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<td>18:30</td>
<td>ANGIOMYOGENESIS USING MYOBLASTS WITH VEGF165 AND ANGIOPOIETIN-1</td>
<td>P.K. Law, L. Ye, HKH Haider, S. Jiang, R. Ge, EKW Sim</td>
<td>CTAL, Richmond Hill, Ontario, Canada</td>
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**PL13: Plenary Session**  
**GENE AND CELL BASED THERAPIES**  
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J. Ge, Shanghai, China  
R.L. Laham, Boston, MA, USA  
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S. Marra, P. Scacciatella, T. Usmiani, M. D'Amico, M. Giorgi, M. Andriani, M. Baccega, C. Tarella, San Giovanni Battista Hospital, Turin, Italy

THERAPEUTIC ANGIOGENESIS USING HGF (HEPATOCYTE GROWTH FACTOR) GENE TO TREAT ISCHEMIC PERIPHERAL AND HEART DISEASE (Invited Lecture)

R. Morishita, N. Tomita, M. Aoki, T. Oghara, Osaka University, Suita, Japan

ARE ECHOCARDIOGRAPHIC PARAMETERS ASSOCIATED WITH ATRIAL FIBRILLATION RECURRENCE OR STROKE?

RESULTS FROM THE AFFIRM STUDY

B. Olshansky, E.N. Heller, L.B. Mitchell, W. Slater, M. Green, M. Brodsky, M. Chandler, P. Barrell, H.L. Greene, University of Iowa, Iowa City, IA, USA

DELAYED INCREASE IN PEAK VO2 FOLLOWING HAEMODYNAMICALLY SUCCESSFUL CARDIAC RESYNCHRONISATION THERAPY

A.Y. Patwala, D. Barker, S.G. Williams, P. Woods, D.F Goldspink, L.B. Tan, D.J. Wright, The Cardiothoracic Centre, Liverpool, UK

ONE-YEAR OUTCOME OF CARDIOVERSION OF RHEUMATIC ATRIAL FIBRILLATION

R. Krittayaphong, C. Chotinaiwatarakul, R. Pankringthongkum, P. Panchavinnin, D. Tresukosol, D. Jakrapanichkul, B. Kitrattana, C. Kangkagate, S. Keawkamthong, Siriraj Hospital, Bangkok, Thailand
MONDAY, JULY 18, 2005

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  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

16:45 – 18:45  Hall C

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

Chairperson:  R. Hobbs, Cleveland, OH, USA  
              C.Y. Lui, Galveston, TX, USA  

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17:15 EFFECT OF TRIMETAZIDINE ON QUALITY OF LIFE IN ELDERLY PATIENTS WITH ISCHEMIC DILATED CARDIOMYOPATHY
C. Vitale, M. Fini, M. Volterrani, **G.MC Rosano**, Fonsazone San Raffaele IRCCS – Roma, Italy

17:30 RENIN ANGIOTENSIN SYSTEM ACTIVATION AND CHRONIC ALCOHOL-INDUCED CARDIOMYOPATHY
**C.P. Cheng**, H.J. Cheng, C. Cunningham, Z.K. Shihabi, T. Wannenburg, Wake Forest University, Winston-Salem, NC, USA

17:45 MMPS AND MYOCARDIAL REMODELING IN HEART FAILURE PROGRESSION
**V Polyakova**, S Hein, J Risteli, J Schaper, S Kostin, Max-Planck-Institute for Heart and Lung Research, Bad Nauheim, Germany

18:00 NATURAL HISTORY OF LEFT VENTRICULAR HYPERTROPHY IN RENAL PATIENTS FROM PREDIALYSIS STAGE TO KIDNEY TRANSPLANTATION
D. Hernandez, **A. Gonzalez**, A. De la Rosa, M. Rufino, J. Lacalzada, A. Alvarez, A. Barragan, I. Laynez, V. Lorenzo, A. Torres, Hospital Universitario de Canarias, Tenerife, Spain

18:15 CARDIAC FUNCTIONAL RESERVE AVAILABLE FOR EXERCISE IS REDUCED IN PREGNANCY

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4 COMPARISON OF INDICES OF ARTERIAL ELASTICITY IN PROGRESSIVE AGE RELATED ENDOTHELIAL DYSFUNCTION IN TWO DIFFERENT ETHNIC POPULATIONS IN PUNE AND GOA IN INDIA 396
N.M. Kulkarni, J.S. Hiremath, G.V. Prabhu, M. Mehta Poona Hospital & Research Institute Pune India, Poona, India

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ACUTE MYOCARDIAL INFARCTION: THROMBOLYSIS AND REPERFUSION

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7 BENEFICIAL EFFECTS OF NICORANDIL ON MYOCARDIAL NO-REFLOW IN A MINI-SWINE MODEL OF ACUTE MYOCARDIAL INFARCTION AND REPERFUSION 399
Y.J. Yang, J.L. Zhao, R.L. Gao, J.L. Chen, Fuwai Heart Hospital, Beijing, China

8 FOSINOPRIL IS EFFECTIVE IN PREVENTING MYOCARDIAL NO-REFLOW AFTER AMI AND REPERFUSION 400
Y.J. Yang, J. Zhao, R. Gao, J. Chen, S.J. You, Fuwai Heart Hospital, Beijing, China
MONDAY, JULY 18, 2005

14:00 – 18:00  P402 (cont)  Poster Hall

Board No

9  MYOCARDIAL INTOLERANCE TO OXIDATIVE STRESS PEAKS AT MIDDLE AGE IN MALE RATS  
J.W. Starnes, B.J. Mathis, R.P. Taylor, University of Texas, Austin, TX, USA  
10  COMPARISON OF ST-SEGMENT RESOLUTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION TREATED WITH BOLUS INTRAVENOUS OF HEPARIN AND FRAXIPARIN  
I. Balla, N. Kuke, A. Gace, G. Bardhaj, A. Kondili, University Hospital Center "Mather Tereza" Tirana, Albania  
12  THE RISK OF UPPER GASTROINTESTINAL BLEEDING AND THE USE OF PROTON PUMP INHIBITORS IN ACUTE CORONARY SYNDROMES  
M. Abdallah, K. Barada, A. Sharara, H. Tamim, H. Dakik, American University of Beirut, Beirut, Lebanon  
13  BENEFICIAL EFFECTS OF ISCHEMIC PRECONDITIONING ON MYOCARDIAL NO-REFLOW IN A MINI-SWINE MODEL OF ACUTE MYOCARDIAL INFARCTION AND REPERFUSION  
Y.J. Yang, J.L. Zhao, R.L. Gao, J.L. Chen, Fuwai Heart Hospital, Beijing, China  
14  ASO TITER AND EFFICACY OF STREPTOKINASE IN ACUTE MYOCARDIAL INFARCTION  
M.A. Ostovan, M.R. Kalantar, S.H. Hooshmand, Shiraz University, Shiraz, Iran  
15  MANAGEMENT OF PATIENT WITH LOW RISK CHEST PAIN AT THE TIME OF ADMISSION  
A.R. Ziaei Torbati, M. Ziaei Torbati, R. Parvizi, University of Medical Sciences, Tabriz, Iran

P403:  Poster Session  
SECONDARY PREVENTION, PROGNOSIS, RISK STRATIFICATION, CARDIAC REHAB

Board No  Abstract No.

17  FAMILIAL PREMATURE CORONARY ARTERY DISEASE MORTALITY AND OBSTRUCTIVE SLEEP APNEA  
A.S. Gami, S. Rader, A. Svatikova, R. Wolk, M. Winnicki, V.K. Somers  
Mayo Clinic College of Medicine, Rochester, MN, USA  
18  OUTCOMES IN HEART FAILURE PATIENTS WITH PRESERVED LEFT VENTRICULAR SYSTOLIC FUNCTION. ONE-YEAR FOLLOW-UP RESULTS  
S. Stawicki, M. Roik, M.H. Starczewska, A. Solarska, D. Kosior, O. Warszawik, G. Opolski, Medical University of Warsaw, Poland
19  RESISTANCE TO ROUTINE ANTIPLATELET MEDICATION AND THE EFFICACY OF LONG-TERM ASPIRIN AND THIENOPYRIDINE THERAPIES  
   T. Alexy, Z. Marton, B. Horvath, K. Koltai, G. Feher, G. Stef, L. Szapary, 
   G. Kesmarky, L. Czopf, K. Toth, University of Southern California, 
   Los Angeles, CA, USA

20  THE EFFECT OF RALOXIFENE ON NEW MARKERS OF CARDIOVASCULAR RISK  
   E Sbarouni, E Psarros, I Fostinis, DTh Kremastinos, Onassis Cardiac Surgery Center, Athens, Greece

21  IMPLEMENTING SELF-CARE IN THE CARDIAC REHABILITATION PROGRAM  
   H.J. Kennedy-Symonds, Burnaby Hospital, Burnaby, BC, Canada

22  MILD OR MODERATE CREATINE KINASE MB ELEVATION AFTER CORONARY ANGIOPLASTY IS NOT ASSOCIATED WITH ADVERSE SHORT TERM CLINICAL OUTCOME  
   Y.Y. Abdelmonem, M. A. Abdelhameed, H. I. Kandil, Sh. F. Eltobgi, 
   Cairo University, Cairo, Egypt

23  ANEMIA IN PATIENTS WITH DIASTOLIC AND SYTOLIC HEART FAILURE – CLINICAL PICTURE, PREVALENCE AND PROGNOSIS  
   M. Roik, S. Stawicki, M.H. Starczewska, A. Solarska, O. Warszawik, 
   D. Kosior, G. Opolski, Medical University, Warsaw, Poland

24  THE EFFECTS OF HEMODIALYSIS ON AUTONOMIC FUNCTIONS IN PATIENTS WITH CHRONIC RENAL FAILURE  
   M Melek, S Yuksel, A Celik, E Onrat, I Dogan, A Avsar, G Acarturk, I Uslan, 
   Afyon Kocatepe University, School of Medicine, Afyon, Turkey

25  CLINICALLY SIGNIFICANT ATHEROSCLEROSIS OF CAROTID ARTERIES AND CORONARY ARTERY CHANGES  
   M. Krotin, O. Stojanovic, B. Milovanovic, N. Ninkovic, B. Zivanovic, 
   S. Hinic, S. Djordjevic, D. Vukovic, D. Celektic, M. Ostojic, 
   University Hospital Bezanijska Kosa, Belgrade, Serbia
MONDAY, JULY 18, 2005

14:00 – 18:00    P403 (cont)    Poster Hall

Board No          Abstract No.

26             MARITAL RELATION AMONG MYOCARDIAL INFARCTION PATIENTS HOSPITALIZED IN CCUS 418
 M. Moeini, T. Mehrabi, Isfahan University of Medical Science, Isfahan, Iran

27             NEW DIAGNOSTIC GUIDELINE OF RESTENOSIS AFTER CORONARY ANGIOPLASTY IN OLD PEOPLE 419
 T.C. Chang, G.P. Jong, T. Ma, Armed-Force Taichung General Hospital, Taiping, Taichung, Taiwan, ROC

P404:          Poster Session
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 J.L. Patel, P.A. Bhatt, R.K. Goyal, S. K. Patel College of Pharmaceutical Education and Research, Ganpat Vidyanagar, Mehsana, Gujarat, India

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 R. Mastouri, M. Meda, F. Azzouz, M. Kamalesh, Indiana University, Indianapolis, IN, USA
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**P405: Poster Session**

**DILATED CARDIOMYOPATHY: VARIOUS ETIOLOGIES**

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**EVALUATING THE CONTROL OF CARDIOVASCULAR RISK FACTORS (CRF) IN TYPE 2 DIABETIC PATIENTS SUBMITTED TO CORONARY ANGIOGRAPHY (CA)**

M. A. Cosso, **M.C. Moreira**, M. Marino, C.C. Cesar, L.C. Brant, M. Paiva, L. M. Diniz, School of Medicine, Federal University of Minas Gerais, Brazil

**EVALUATION OF METABOLIC DISORDERS AND INFLAMMATION MARKERS IN PATIENTS WITH VISCERAL TYPE OF OBESITY**

**N. Kipshidze**, T. Gamezardashvili, T. Talakvadze, G. Nikolashvili, National Center of Therapy, Tbilisi, Georgia

**THE DETECTION OF LOW-GRADE AND SMOLDERING INTERNAL INFLAMMATION IN OBSESE INDIVIDUALS**

**I. Shapira**, O. Rogowski, D. Samocha-Bonet, Y. Goldin, T. Tolshinsky, T. Mardi, D. Zeltser, S. Berliner, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

**ACCURACY OF VASCULAR DUPLEX IN PREDICTING CORONARY ARTERY DISEASE. THE IMPACT OF DIABETES MELLITUS**

**A.M. AbdelWahab**, E. Baligh, M. Mokhtar, A. M. Zaki, Cairo University, Cairo, Egypt

**MYOCARDIAL FIBROSIS AND LEFT VENTRICULAR DYSFUNCTION ARE ASSOCIATED WITH AN IMBALANCE IN THE MATRIX-DEGRADATING-SYSTEM IN CVB-3 INDUCED CHRONIC MYOCARDITIS**

**S Rutschow, M Pauschinger**, Charite - Campus Benjamin Franklin, Berlin, Germany

**RAPID UPTITRATION OF CARVEDILOL IS SAFE IN PATIENTS HOSPITALIZED WITH SYSTOLIC HEART FAILURE**

**I. Castillo, M. Martinez-Selles**, T. Datino, N. Barrueco, A. Pascual, M. Dominguez, Hospital Gregorio Maranon, Madrid, Spain

**MANAGING LIFE THREATENING VIRAL MYOCARDITIS WITH DILATED CARDIOMYOPATHY BY DROTRECOGIN ALFA AND CIRCULATORY ASSISTED DEVICES**

**T.P Tsai**, S.M Tsao, Y.L Wu, J.M Yu, K.C Chan, K.C Ueng, Chung Shan Medical University Hospital, Taichung, Taiwan

**STRUCTURAL MYOCARDIAL CHANGES AND ELEVATION OF BLOOD PRESSURE IN PULMONARY CIRCULATION IN PATIENTS WITH CHRONIC VIRAL HEPATITIS C**

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**Poster Session
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**Poster Session**

**NEUROHUMORAL, IMMUNOLOGIC AND CYTOKINE ASPECTS OF HEART FAILURE**

52 EARLY STATINS THERAPY IN CORONARY BYPASS SURGERY: IMMUNOMODULATION OF INTERLEUKIN-6 (IL-6) AND C-REACTIVE PROTEIN (CRP)

C. Caorsi, F. Pineda, **C. Munoz**, INTA, University of Chile, Santiago, Chile

53 ADRENOGENDULIN ADMINISTRATION IMMEDIATELY AFTER MYOCARDIAL INFARCTION AMELIORATES PROGRESSION OF HEART FAILURE IN RATS

**R. Nakamura**, J. Kato, K. Kitamura, H. Onitsuka, T. Imamura, Y. Cao, K. Marutsuka, Y. Asada, K. Kangawa, T. Eto, Miyakonojo Resional Medical Center, Miyakonojo, Miyazaki, Japan
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

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N. Radovanovic, L.J. Petrovic, B. Mihajlovic, S. Nicin, Z. Jonjev, M. Zorc, University Clinic of Cardiovascular Surgery, Sremska Kamenica, Yugoslavia

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H.N. Sabbah, M.A. Konstam, Henry Ford Health System, Detroit, MI, USA

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08:30 – 10:45

PL14 (cont) Hall A

Abstract No.

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

Chaiperson: 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

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M. Diamant, VU University Medical Center, Amsterdam, The Netherlands

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10:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION
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Chairperson: R.C. Bourge, Birmingham, AL, USA

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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

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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 NEPHROTrophy 469
R.M. Mills, R.E. Hobbs, C.T. Bajzer, D.J. Moliterno, Henry Ford Hospital, Detroit, MI, USA

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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
K. Chatterjee, San Francisco, CA, USA

11:15  BIOMARKERS IN CARDIOMYOPATHY (Invited Lecture)
W.L. Miller, Mayo Clinic, Rochester, MN, USA

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

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

12:00  NESIRITIDE: SYSTEMIC AND CORONARY HEMODYNAMIC EFFECTS
(Invited Lecture)
K. Chatterjee, University of California San Francisco, San Francisco, CA, USA

12:15  NOVEL DRUG THERAPIES FOR HEART FAILURE (Invited Lecture)
R.E Hobbs, Cleveland Clinic, Cleveland, OH, USA

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

12:45  BETA BLOCKERS IN CORONARY DISEASE AS CARDIOPROTECTION
(Invited Lecture)
B. F Uretsky, University of Texas Medical Branch, Galveston, TX, USA

13:00  BNP: EFFECTS BEYOND THE KIDNEYS (Invited Lecture)
H.P. Brunner-La Rocca, University Hospital, Basel, Switzerland

13:15  RELEVANCE OF BETA-BLOCKER THERAPIE IN INFLAMMATORY
HEART DISEASE (Invited Lecture)
M. Pauschinger, S. Rutschow, H-P Schultheiss
Charite - Campus Benjamin Franklin, Berlin, Germany

13:30  THE ROLE OF RENIN-ANGIOTENSIN ANTAGONISTS IN THE
PREVENTION OF ATRIAL FIBRILLATION IN THE PATIENTS WITH
HEART FAILURE AND HYPERTENSION (Invited Speaker)
A. Ducharme, Montreal Heart Institute, University of Montreal, Montreal,
Quebec, Canada

13:45  B-TYPE NATRIURETIC PEPTIDE AND TISSUE DOPPLER IMAGING
IN THE DIAGNOSIS AND PROGNOSIS OF CONGESTIVE
HEART FAILURE (Invited Speaker)
H. Dokainish, Baylor College of Medicine, Houston, TX, USA
S64:  Session
VALVULAR HEART DISEASE / HEART VALVE SURGERY / SURGICAL
REVASCULARIZATION

Chairperson:  P. Nataf, Saint Denis, France

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W.P. Klooevekorn, R. Moosdorf, W. Saggau, R. Koerfer, Heart Center North Rhine-
Westphalia Bad Oeynhausen, Clinic of the Ruhr University Bochum, Germany

11:30  THE “SHELHIGH” STENTLESS BIOPROSTHESIS IN ACTIVE INFECTIVE
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S. Kosky, H. Siniaowski, C. Yankah, R. Hetzer
Deutsches Herzzentrum Berlin, Berlin, Germany

11:45  LOW THROMBOGENICITY MECHANICAL AORTIC PROSTHESIS WITH LOW
INTENSITY ANTICOAGULATION - A SAFE OPTION FOR THE ELDERLY  486
E.G. Butchart, N. Payne, G.G. Grunkemeier, University Hospital of Wales, UK

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J. Al. Buraiki, King Faisal Specialist Hospital and Research Centre, Riyadh,
Saudi Arabia

12:15  STATINS AS MEDICAL THERAPY FOR CALCIFIC AORTIC STENOSIS(AS)  488
A. Kumar, H. Kaur, P. Devi, V. Mohan
Govt Medical College /G.N.D Hospital, Amritsar, India

12:30  VALVE REPAIR IN AORTIC REGURGITATION WITHOUT ROOT
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University Hospitals of the Saarland, Homburg/Saar, Germany

12:45  PERCUTANEOUS MITRAL VALVULOPLASTY VERSUS SURGERY IN
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D.H. Kang, K.M. Park, H. Song, M.K. Hong, J.K. Song, S.W. Park, S.J. Park
Asan Medical Center, Seoul, Korea

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**DRUG THERAPY IN HEART FAILURE**

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**UROCORTIN 2 HAS BENEFICIAL HEMODYNAMIC, ENDOCRINE AND RENAL EFFECTS IN EXPERIMENTAL HEART FAILURE**

*M.T. Rademaker, C.J. Charles, V.A. Cameron, A.M. Richards*
Christchurch School of Medicine, Christchurch, New Zealand

**FOSINOPRIL IN COMPARISON WITH LOSARTAN FOR SEVERE ISCHEMIC HEART FAILURE WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE: EFFECTS ON MORTALITY AND QUALITY OF LIFE**

*X.H Zeng, X.J Zeng, Y.Y Li, Y. H Zeng, Z.H Liu, Chengdu Second People's Hospital, Chengdu, China*

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*X.H Zeng, X.J Zeng, Y.Y Li, T. Yuan*
Chengdu Second People's Hospital, Chengdu University, China

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*X.H. Zeng, W.Z Wu, X.J Zeng, Y.Y Li, Chengdu University Second People's Hospital, Chengdu, China*

**CANDESARTAN CILEXITIL REDUCES NEUROHUMORAL AND PROINFLAMMATORY ACTIVATION IN PATIENTS WITH SEVERE CONGESTIVE HEART FAILURE**

*A.E. Berezin*, State Medical University, Zaporozhye, Ukraine

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*R. Hazukova*, J. Vojacek, M. Pleskot, M. Tauchman, L. Beran, M. Sivak, J. Kvasnicka, A. Havlicek, University Hospital, Hradec Kralove, Czech Republic

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*S.H. Kim, J.H. Zo, M.A. Kim, J.S. Lee*, Boramae Hospital, Seoul National University College of Medicine, Seoul, Korea
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Suncoast Cardiovascular Research, St. Petersburg, FL, USA

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| MIXED SALAD VEGETABLE INTAKE REDUCES OXIDATIVE DNA DAMAGE AND LIPID PEROXIDATION IN MICE |
| M.R. Kim, S.Y. Ly, Y.H. Young, K.B. Song, Y.S. Cho, H.K. Chun, Chungnam National University, Daejeon, Korea |

| D-DIMERS IN THE DIAGNOSIS OF THE ACUTE AORTIC DISSECTION |
| E. Sbarouni, P. Georgiadou, A. Marathia, S. Geroulanos, D.T.H. Kremastinos, Onassis Cardiac Surgery Center, Athens, Greece |

| RISK SCORING PREDICTS PATIENTS AT HIGHER RISK OF THROMBOEMBOLIC COMPLICATIONS AFTER VALVE REPLACEMENT |
| E.G. Butchart, R. Nair, A. Ionescu, N. Payne, A.G Fraser, University Hospital of Wales, Cardiff, UK |

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| A.A. Elagha, M.M. Abdelghany, S.G. Ibrahim, M.M. Mokhtar, Egypt |

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| INTRACORONARY AUTOLOGOUS BONE MARROW STEM CELL TRANSPLANTATION IMPROVES LONGITUDINAL MYOCARDIAL STRAIN AND STRAIN RATE IN CHRONIC ISCHEMIC CARDIOMYOPATHY |
| A. Manginas, G. Karatasakis, E. Leontiadis, I. Peristeri, E.Gousetis, S. Graphakos, E. Papadakis, D. Cokkins, Onassis Cardiac Surgery Center, Athens, Greece |

<p>| NEW INSIGHTS IN MINI-INVASIVE VALVE REPLACEMENT: DESCRIPTION OF A COOPERATIVE APPROACH FOR OFF-PUMP REPLACEMENT OF MITRAL VALVES |
| Y. Boudjemline, E. Pineau, G. Agnoletti, D. Bonnet, D. Sidi, P. Bonhoeffer, Pediatric Cardiology, Necker for Sick Children Hospital, Paris, France |</p>
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<td>MORTALITY AND ABILITY PREDICTION IN CARDIAC SURGERY</td>
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<td>J. Martinez Alario, I. Diaz Tuesta, Canary University Hospital, La Laguna, Tenerife, Spain</td>
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<td>CASES SERIES OF INTERNAL MAMMARY TO PULMONARY VASCULATURE FISTULA IN PATIENTS WITH PREVIOUS CORONARY ARTERY BYPASS SURGERY</td>
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<td>A.A. Peter, A.C. Ferreira, K. Zelnick, A. Sangosanaya, J. Chirinos, E. De Marchena, Jackson Memorial Hospital, University of Miami, FL, USA</td>
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