



INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

VANCOUVER, BC, CANADA, July 24-27, 2010

PROGRAM

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Dear Friend and Colleague,

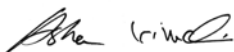
On behalf of the Organizing Committee, it is my great pleasure to welcome you to Vancouver and to the International Academy of Cardiology, 15th World Congress on Heart Disease, Annual Scientific Sessions 2010.

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

Many distinguished cardiologists and scientists have joined the faculty and will take part in this Congress. Papers will be presented in the form of plenary sessions, symposia and posters and will include superb scientific material that was carefully selected by the Scientific Abstract Review committee from over 850 abstracts submitted for presentation at the meeting. These studies, originating from laboratories in 44 countries, assure that the meeting will be a major scientific event.

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

We hope that you will enjoy the Congress and that your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding. We also hope and trust that you will enjoy your visit to the very beautiful and exciting city of Vancouver, in July 2010.



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 Angela T. Yetman, USA
 Mitsuhiro Yokota, Japan
 Maliha Zahid, USA
 Alberto Zanchetti, Italy
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 Xinghua Zhou, Sweden

ACKNOWLEDGEMENTS

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Gerald F. Edelstein, partners, associates and staff of Edelstein, Laird & Sobel, P.C., Los Angeles, USA, for their continuing support and invaluable contribution in arranging the legal aspects of the Congress, and to our dedicated staff who helped bring this meeting to reality:

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Rebeca Kimchi

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GENERAL INFORMATION

VENUE AND HEADQUARTERS HOTEL

The Hyatt Regency Vancouver is the venue and headquarters hotel of the 15th World Congress on Heart Disease.

655 Burrard Street, Vancouver, BC, V6C 2R7, Canada

Tel: +1 604 683 1234; Fax: +1 604 689 3707

LANGUAGE

The official language of the Congress is English.

REGISTRATION DESK

The Registration Desk will operate as follows:

Saturday, July 24, 2010 16:00 - 20:00 hours

Sunday, July 25, 2010 08:00 - 18:00 hours

Monday, July 26, 2010 08:00 - 18:00 hours

Tuesday, July 27, 2010 08:00 - 14:00 hours

PROJECTION EQUIPMENT

If using a Powerpoint (or any other computer) presentation, please note you need to provide the presentation on a CD, DVD or memory stick (using the USB port in the computer) and load it onto one of the congress' computers in the Speakers Ready Room, at least 1 hour before the start of your session.

If combining video film with PowerPoint, please make sure to check your presentation in the session hall where your lecture is taking place during a coffee or lunch break prior to your session, at least 30 minutes before the start of the session – even after checking it in the Speakers Ready Room.

Please note that the congress' computers in the session halls are supplied with Windows XP and Office 2003.

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

Important note for Macintosh users!

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

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



GENERAL INFORMATION (cont'd)

POSTER PRESENTATIONS

Please see the program for the exact date of your poster presentation. Presenters must put up their posters by 08:00 if presenting in the morning session, on the relevant day of their presentation and remove them by 13:00. If presenting in the afternoon session, posters should be put up by 13:30 and dismantled by 18:30 on the same day.

PLEASE NOTE:

The Congress Organizers are not responsible for posters that have not been removed / collected by the end of designated sessions. Please make yourself available next to your poster during coffee and lunch breaks to answer possible questions.

EXHIBITION

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

Saturday, July 24, 2010	18:30 - 20:00 hours
Sunday, July 25, 2010	10:00 - 17:00 hours
Monday, July 26, 2010	10:00 - 17:00 hours
Tuesday, July 27, 2010	10:00 - 13:00 hours

AMA DESK

An AMA desk will be available for participants wishing to apply for *AMA PRA Category 1 Credits™*

The desk will be open during the following hours:

Sunday, July 25	08:00 – 09:30 and 12:30 – 14:00 hours
Monday, July 26	07:30 – 08:30 and 12:30 – 14:00 hours
Tuesday, July 27	07:30 – 08:30 and 12:30 – 14:00 hours

ATTENDANCE CERTIFICATES

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

GET-TOGETHER RECEPTION

Registered participants are invited to the Get-Together Reception, which will take place in the Regency C Hall of the Hyatt Regency Vancouver on Saturday, July 24 between 18:30 – 20:00 hours.

GENERAL INFORMATION (cont'd)

FAREWELL DINNER (Optional)

Tickets for the Farewell Dinner, Monday, July 26, 2010 at 20:00, may be purchased at the Registration Desk for US\$ 95 per person, no later than noon on Sunday, July 25, 2010. Please note that the number of seats is limited and will be sold on a "first come first served" basis.

INSURANCE

The Congress Secretariat and Organizers cannot accept liability for personal accidents or loss of, or damage to, private property of participants, students and accompanying persons, either during or indirectly arising from the 15th World Congress on Heart Disease. Participants should make their own arrangements with respect to health and travel insurance.

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15th WORLD CONGRESS ON HEART DISEASE

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SOCIAL PROGRAM

SATURDAY, JULY 24, 2010

GET -TOGETHER RECEPTION

18:30 – 20:00

Get-Together Reception in the Regency C Hall of the Hyatt Regency Vancouver on Saturday, July 24 at 18:30 hours.

MONDAY, JULY 26, 2010

FAREWELL DINNER (Optional)

20:00

Tickets for the Farewell Dinner, Monday, July 26, 2010 at 20:00, may be purchased at the Registration Desk for US\$ 95 per person, no later than noon on Sunday, July 25, 2010. Please note that the number of seats is limited and will be sold on a “first come first served” basis.

LIST OF EXHIBITORS

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INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

VANCOUVER, BC, CANADA, July 24-27, 2010

**SCIENTIFIC
PROGRAM**

Sunday, July 25, 2010

SUNDAY, JULY 25, 2010

09:00 – 09:35

Hall A

OC:

OPENING CEREMONY

Chairperson: **John A. Elefteriades**, New Haven, CT, USA

GREETINGS

Asher Kimchi, USA

Founder and Chairman

International Academy of Cardiology

John A. Elefteriades, USA

Chairman, Scientific Executive Committee

Chairman, Section of Cardiovascular Surgery

International Academy of Cardiology

Jeffrey S. Borer, USA

Member, Scientific Executive Committee

Chairman, Section of Valvular Heart Disease

International Academy of Cardiology

Naranjan S. Dhalla, Canada

Member, Scientific Executive Committee

Chairman, Section of Cellular Biology of the Heart

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International Academy of Cardiology

PRESENTATION OF 2010 AWARDS

John A. Elefteriades, USA

Jeffrey S. Borer, USA

09:35 – 10:15

Hall A

OL:

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

Chairperson: **K. Maiese**, Newark, NJ, USA

Abstract No.

09:35

INTRODUCTION

K. Maiese, Newark, NJ, USA

09:40

“VOODOO” DEATH REVISITED: THE MODERN LESSONS OF
NEUROCARDIOLOGY (Opening Lecture)

485

M.A. Samuels, Brigham and Women’s Hospital. Boston, MA, USA

10:15

COFFEE BREAK, VISIT POSTERS AND EXHIBITION

PL: 01

Plenary Session

OXIDATIVE STRESS AND BIOMARKERS IN CARDIOVASCULAR DISEASE

Chairpersons: **K. Maiese**, Newark, NJ, USA
P.K. Singal, Winnipeg, MB, Canada

Abstract No.

10:45	OXIDATIVE STRESS: BIOLOGY AND BIOMARKERS IN THE VASCULAR SYSTEM (Invited Lecture) K. Maiese , University of Medicine & Dentistry of New Jersey, Newark, NJ, USA	001
11:00	THE ROLE OF EXCESS RADICAL FLUX IN HEART DISEASE (Invited Lecture) P.K. Singal , S. Dhingra, Institute of Cardiovascular Sciences St. Boniface Research Center, Winnipeg, MB, Canada	002
11:15	INFLAMMATION AND HEART FAILURE; CAUSES, CONSEQUENCES OR BOTH? (Invited Lecture) D. Anzulovic-Mirošević, M. Zaninotto, M.M. Mion, M. Plebani, M.L. Barzon, I. Castagliuolo, P. Brun, G. Palù, S. Dalla-Volta , University of Padova Medical School, Padova, Italy	003
11:30	ENDOTHELIAL NITRIC OXIDE - PEROXYNITRITE IMBALANCE IN HEART FAILURE (Invited Lecture) R. Kubant, T. Malinski , Ohio University, Athens, OH, USA	004
11:45	MOLECULAR REGULATION OF APOPTOSIS IN THE HEART: "TO BE OR NOT TO NF-KB (Invited Lecture) L.A. Kirshenbaum , University of Manitoba, Winnipeg, MB, Canada	005
12:00	MYELOPEROXIDASE: A MARKER AND MEDIATOR OF ACUTE CORONARY ARTERY DISEASE (Invited Lecture) J.G. Filep , University of Montreal, Canada	006
12:15	NOVEL CORONARY IMAGING AND MULTI-BIOMARKER STRATEGY FOR ACUTE CORONARY SYNDROME (Invited Lecture) Y. Seino , M. Yamamoto, M. Takano, K. Mizuno, Nippon Medical School Chiba-Hokusoh Hospital, Chiba, Nippon Medical School, Tokyo, Japan	007
12:30	THROMBOXANE RECEPTOR: THE CROSS-ROAD OF INFLAMMATION AND OXIDATIVE STRESS IN ATHEROGENESIS (Invited Lecture) D. Pratico , Temple University, Philadelphia, PA, USA	008
12:45	IDENTIFICATION OF A CARDIAC SPECIFIC PROTEIN TRANSDUCTION DOMAIN BY IN VIVO BIOPANNING USING A M13 PHAGE PEPTIDE DISPLAY LIBRARY (Invited Lecture) M. Zahid , University of Pittsburgh, PA, USA	009
13:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

PL: 02

Plenary Session
NOVEL TREATMENT AVENUES IN HEART FAILURE

Chairpersons: **J.S. Borer**, NY, USA
R.E. Hobbs, Cleveland, OH, USA

Abstract No.

10:45	HEART RATE REDUCTION AND CARDIOVASCULAR OUTCOMES: IS THERE A THERAPEUTIC RELATION? (Invited Lecture) J.S. Borer , SUNY Downstate, New York, NY, USA	010
11:00	RELAXIN IN ACUTE DECOMPENSATED HEART FAILURE (Invited Lecture) R.E. Hobbs , Cleveland Clinic, Cleveland, OH, USA	011
11:15	CARDIAC TROPONIN AND HEART FAILURE (Invited Lecture) W.L. Miller , Mayo Clinic, Rochester, MN, USA	012
11:30	LOOKING FORWARD, LOOKING BACK: ASSESSING VARIATIONS IN HOSPITAL RESOURCE USE AND OUTCOMES FOR ELDERLY PATIENTS WITH HEART FAILURE (Invited Lecture) M.K. Ong , C.M. Mangione, P.S. Romano, Q. Zhou, A.D. Auerbach, B. Davidson, T.G. Ganiats, S. Greenfield, J.J. Escarce, University of California, Los Angeles, Davis, San Francisco, San Diego, Irvine, Cedars-Sinai Medical Center, Los Angeles, Rand Health, Santa Monica, CA, USA	013
11:45	THE ROLE OF COENZYME Q10 IN REFRACTORY CONGESTIVE HEART FAILURE (Invited Lecture) K.A. Adarsh , Govt. Medical College/G.N.D. Hospital, Amritsar, India	014
12:00	ROLE OF RYANODINE RECEPTOR AS A NEW THERAPEUTIC TARGET IN DIABETIC HEART DYSFUNCTION (Invited Lecture) B. Turan , Ankara University Faculty of Medicine, Ankara, Turkey	015
12:15	TREATING CONGESTION IN ADVANCED HEART FAILURE (Invited Lecture) J.N. Nanas , University of Athens, Greece	016
12:30	REGULATION OF PDE5 EXPRESSION IN THE FAILING HEART (Invited Lecture) Z. Lu, X. Xu, X. Hu, S. Lee, J. Hall, Y. Chen , University of Minnesota, Minneapolis, MN, USA	017
12:45	CTHRC1 - A NOVEL CARDIOTROPIC HORMONE I. Pinz, J.P. Stohn , R.J. LeClair, M. Maslov, Q. Wang, A.S. Cuttler, L. Liaw, V. Lindner Maine Medical Center Research Institute, University of New England, ME, USA	018
13:00	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

S21

Session

ACUTE CORONARY SYNDROME, ACUTE MYOCARDIAL INFARCTION, INTERVENTIONAL CARDIOLOGY

Chairpersons: **Y. Birnbaum**, Houston, TX, USA
K. Prasad, Saskatoon, Canada

Abstract No.

- 10:45 CANDESARTAN SUPPRESSES INCREASE IN SECRETED FRIZZLED RELATED PROTEIN 2 AND FIBROSIS DURING HEALING AFTER REPERFUSED MYOCARDIAL INFARCTION IN THE RAT MODEL **B.I. Jugdutt**, A. Palaniyappan, H. Idikio, University of Alberta, Edmonton, Alberta, Canada **019**
- 11:00 CONTRAST-INDUCED NEPHROPATHY IN PATIENTS UNDERGOING EMERGENCY PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE CORONARY SYNDROME **T. Senoo**, M. Motohiro, H. Kamihata, S. Yamamoto, T. Isono, K. Manabe, T. Sakuma, S. Yoshida, Y. Sutani, T. Iwasaka Kansai Medical University, Hirakata City, Osaka, Japan **020**
- 11:15 IMPACT OF SYMPTOM-TO-REPERFUSION TIME ON LEFT VENTRICULAR DIASTOLIC FUNCTION FOLLOWING ACUTE MYOCARDIAL INFARCTION **S.B. Prasad**, V. See, P. Brown, T. McKay, A. Narayan, P. Kovoov, L. Thomas, Westmead Hospital, Sydney, Australia **021**
- 11:30 LOX-1 IS INVOLVED IN THE COMPLEMENT ACTIVATION BY ENDOGENOUS C-REACTIVE PROTEIN AND MYOCARDIAL REPERFUSION INJURY **Y. Fujita**, K. Otsui, A. Kakino, S. Yamaguchi, Y. Sato, R Yoshimoto, T. Sawamura National Cardiovascular Center Research Institute, Suita, Osaka, Japan **022**
- 11:45 IMPACT of Random Plasma Glucose on Admission in Diabetic Patients with Acute ST Elevation Myocardial Infarction **V.H. Tan**, J. Chow, P.P. Goh, K.L. Tong, K.S. Tan, J. Lingamanaicker, V. Lim, G. Leong, S.H. Ong, Y.S. Goh, C.H. Tan, Changi General Hospital, Singapore **023**
- 12:00 FLU VACCINATION AND ADVERSE OUTCOMES IN PATIENTS WITH SUSPECTED NON-ST ELEVATION ACUTE CORONARY SYNDROME **M. Zahid**, I. Singla, C.B. Good, A.F. Sonel University of Pittsburgh, Pittsburgh, PA, USA **024**
- 12:15 LOW DOSE THROMBOLYTIC TREATMENT IS EFFECTIVE IN RESTORING PATENCY IN THE CAROTID ARTERIES, IN A CLINICALLY RELEVANT LARGE ANIMAL MODEL **E. Tseliou**, A. Ntalianis, E. Kaldara, M. Bonios, S. Vakrou, M. Konstantakis, M. Tsamatsoulis, V. Kontopidi, J. Terrovitis, J. Nanas University of Athens, Greece **025**
- 12:30 FASTER ENDOTHELIALISATION OF A NEW BIODEGRADABLE POLYMER STENT **C.J. Wolf**, M. Nemec, S. Ingerle, H. Weber, SMZ-Ost, Vienna, Austria **026**
- 12:45 LUNCH BREAK, VISIT POSTERS AND EXHIBITION

S22

Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/ CONGENITAL HEART DISEASE

Chairpersons: **T.A. Pilcher**, Salt Lake City, UT, USA
G. Sandor, Vancouver, BC, Canada

Abstract No.

- | | | |
|-------|--|-----|
| 10:45 | VALVE REPAIR IN RHEUMATIC MITRAL VALVE DISEASE
F.A. Fabiani, S.E. Saad, P.F. Pollice , P.P. Pollice
University of Berne, Switzerland | 027 |
| 11:00 | CORONARY FLOW DYNAMICS IN CHILDREN AFTER REPAIR OF
TETRALOGY OF FALLOT ASSESSED WITH TRANSTHORACIC
DOPPLER ECHOCARDIOGRAPHY
E.H. Aburawi , E. Pesonen
United Arab Emirates University, Faculty of Medicine and Health Science,
Al-Ain, UAE | 028 |
| 11:15 | THE PRESSURE WIRE AS DIAGNOSTIC TOOL IN PATIENTS WITH
CONGENITAL HEART DISEASE: A NOVEL NEW APPLICATION
T. Hamid , H. Hadi, B. Clarke, V.S. Mahadevan, Manchester Heart Centre,
Manchester Royal Infirmary, Manchester, UK | 029 |
| 11:30 | RISK STRATIFICATION FOR SYMPTOMS AND ARRHYTHMIAS AFTER
TETRALOGY OF FALLOT REPAIR
S.O. Arya , J. Kovach, P.P. Karpawich, Children's Hospital of Michigan,
Wayne State University, Detroit, MI, USA | 030 |
| 11:45 | MYOCARDIAL REMODELING IN HYPOPLASTIC LEFT HEART SYNDROME
ANALYZED BY ULTRASOUND BIOMICROSCOPY AND MICROARRAY IN
THE CHICK EMBRYO
D. Sedmera , Z. Pesevksi, A. de Almeida, M. Mrug, V. Fresco, J. Barth,
X. Cui, E. Krejci, R. Kockova, Institute of Physiology AS CR, Prague,
Czech Republic | 031 |
| 12:00 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

P101

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

Board No.

Abstract No.

- | | | |
|---|---|-----|
| 1 | RESISTIN CONTRIBUTES TO NEOINTIMAL FORMATION VIA OXIDATIVE STRESS AFTER VASCULAR INJURY
K.G. Shyu , B.W. Wang
Shin Kong Wu H-Su Memorial Hospital, Taipei, Taiwan | 032 |
| 2 | ENDOTHELIAL CELL INJURY IN CARDIOVASCULAR SURGERY: THE PATHOPHYSIOLOGY OF VASOMOTOR DYSFUNCTION
P.P. Pollice , S.E. Saad, F.P. Pollice, A.F. Fabiani
University of Berne, Switzerland | 033 |
| 3 | OXIDATIVE STRESS INDUCES DNA DOUBLE-STRAND BREAKS AND DNA DAMAGE RESPONSE
M. Ishida , T. Ishida, K. Abe, C. Sakai, H. Uchida, Y. Kihara, M. Yoshizumi
Hiroshima University, Hiroshima, Japan | 034 |
| 4 | PRIMARY CILIA ARE MECHANOSENSORY ORGANELLES IN VASCULAR TISSUES
S.M. Nauli , The University of Toledo, Toledo, OH, USA | 035 |

P103

**Poster Session
BIOCHEMICAL MARKERS FOR RISK ASSESSMENT IN
CARDIOVASCULAR DISEASE**

- | | | |
|---|---|-----|
| 5 | ISCHEMIA-MODIFIED ALBUMIN LEVELS NOT AFFECTED BY ALBUMIN CONCENTRATIONS DURING EXERCISE SESTAMIBI
H.R. Lee , A.E. McCullough, R.P. Umfrid, S.J. Lester
Mayo Clinic Arizona, Scottsdale, AZ, USA | 036 |
| 6 | AUTOANTIBODIES TO CARDIAC TROPONIN T IN NORMAL BLOOD DONOR AND CARDIAC BIOMARKER POSITIVE COHORTS
M. Adamczyk, R.J. Brashear, P.G. Mattingly
Abbott Laboratories, Diagnostic Division, Abbott Park, IL, USA | 037 |
| 7 | PROBNP PROGNOSTIC VALUE OF PATIENTS WITH ACUTE MYOCARDIAL SEGMENT ELEVATION
S.M. Macin , E. Villegas, L. Reyes, E.R. Perna, C. Chuquel, F. Echeverria, J.M. Lange, O. Alvarez, M. Fleitas, M. Brizuela
Instituto de Cardiologia J.F. Cabral, Corrientes, Argentina | 038 |

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Poster Session

NOVEL DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Board No.

Abstract No.

- | | | |
|----|--|------------|
| 8 | CORONARY FLOW RESERVE AS A MEASURE OF EARLY CARDIOVASCULAR DISEASE IN PATIENTS WITH RHEUMATOID ARTHRITIS. CORRELATION BETWEEN CAROTID INTIMA MEDIA THICKNESS, ADMA AND CORONARY FLOW RESERVE
S. Sitia , L. Tomasoni, F. Atzeni, L. Gianturco, P. Sarzi-Putini, V. De Gennaro Colonna, M. Turiel, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy | 039 |
| 9 | A NEW EXTRACTION METHOD OF FETAL ELECTROCARDIOGRAM FROM MATERNAL ABDOMINAL SIGNALS
Y. Kimura , T. Ito, C. Chisaka, A. Aoyagi, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan | 040 |
| 10 | LOW DOSE HEPARIN CAN SAFELY BE ADMINISTERED DURING ROUTINE IVUS SHORTLY FOLLOWING ENDOMYOCARDIAL BIOPSY
R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed
The Southern Arizona VA Health Care System, Tucson, AZ, USA | 041 |
| 11 | BENEFITS OF SERIAL INTRAVASCULAR ULTRASOUND IN THE EVALUATION OF CARDIAC TRANSPLANT VASCULOPATHY
R. Arsanjani, A. Khitri, M. Hashemzadeh, M.R. Movahed
The Southern Arizona VA Health Care System, Tucson, AZ, USA | 042 |
| 12 | AN INTRAVASCULAR ULTRASOUND ANATOMICAL STUDY OF DISTAL LEFT MAIN STEM AND PROXIMAL LEFT ANTERIOR DESCENDING ARTERIES IN A NORTHERN IRISH POPULATION
J.A. Shand , S.J. Walsh, C. Hanratty, I.B. Menown, A.J. McClelland, M. Spence, Craigavon Area Hospital, Belfast, UK | 043 |
| 13 | CASE REPORTS OF FETAL BRADYCARDIA DIAGNOSED BY FETAL ELECTROCARDIOGRAM VIA MATERNAL ABDOMEN
A. Aoyagi , Y. Kimura, T. Ito, C. Chisaka, K. Tanabe, K. Funamoto, K. Okamura, N. Yaegashi, Tohoku University, Sendai, Miyagi, Japan | 044 |
| 14 | EFFECT OF FLUVASTATIN ON PROGRESSION OF CORONARY ATHEROSCLEROTIC PLAQUE EVALUATED BY INTRAVASCULAR ULTRASOUND VIRTUAL HISTOLOGY
K. Nasu , E. Tsuchikane, O. Katoh, Y. Kinoshita, T. Suzuki
Toyohashi Heart Center, Toyohashi, Aichi, Japan | 045 |

P105

Poster Session

DIABETES MELLITUS, THE METABOLIC SYNDROME AND
ATHEROSCLEROSIS: BASIC AND CLINICAL I

Board No.		Abstract No.
15	EFFECT OF DIABETES MELLITUS ON SHORT TERM MORTALITY IN PATIENTS WITH FIRST ACUTE ST- ELEVATION MYOCARDIAL INFARCTION: TEN YEARS RESULTS FROM A HOSPITAL WITH NO INVASIVE FACILITIES C. Pop , L. Pop, M. Roman, L. Mos Vasile Goldis - West University, Arad, Romania	046
16	METABOLIC SYNDROME IN INDIVIDUALS WITH NORMAL CONCENTRATIONS OF LIVER ENZYMES I. Shapira , A. Steinvil, S. Berliner, O. Rogowski Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel	047
17	CONTINUOUS RELEASE OF THE PEPTIDE AIP18AA MARKEDLY REDUCES THE REQUIRED DOSE FOR IMPROVING PLASMA INFLAMMATORY INDEX K. Navab , C. Chyu, S. Hama, G. Hough, R. Yu David Geffen School of Medicine, UCLA, Los Angeles, CA, USA	048
18	ROSIGLITAZONE AMELIORATES ENDOTHELIAL DYSFUNCTION AND REDUCES LDL OXIDATION POSTPRANDIALLY IN PATIENTS WITH DIABETES MELLITUS S. Pastromas, S. Koulouris , D. Sakellariou, G. Ioannidis, H. Anninos, D. Tousoulis, N. Zakopoulos, C. Stefanadis, A.S. Manolis, First Department of Cardiology, Evagelismos Hospital, Athens, Greece	049
19	EVALUATION OF SUBCLINICAL ATHEROSCLEROSIS IN OVERWEIGHT AND MORBIDLY OBESE PATIENTS P.F. Burgos , A.J. Leal, A.R. Gagliardi Clinica de Cirurgia Cardiovascular de Santos, Santos, SP, Brazil	050
20	P WAVE DISPERSION IN PATIENTS WITH METABOLIC SYNDROME A. Kassem , A. Boghdady, M. Atia, Sohag Faculty of Medicine, Egypt	051

P106

Poster Session

CARDIAC PACEMAKERS AND IMPLANTABLE CARDIOVERTER - DEFIBRILLATOR THERAPY

Board No.		Abstract No.
21	ATRIAL TACHYARRHYTHMIAS NOT MORE FREQUENT AFTER EXPOSURE TO MRI IN PATIENTS WITH A SPECIALLY MODIFIED PACING SYSTEM J.R. Gimbel, B.L. Wilkoff, E. Kanal, R. Sutton, M. Hull, A. Kalmes, T. Sommer, Cardiology Associates of East Tennessee, Knoxville, TN, USA	052
22	ROUTINE DFT TESTING: IS IT NECESSARY DURING ICD GENERATOR REPLACEMENT? H.H. Modi, A. Aeriachaipanich, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA	053
23	IMPACT OF ACUTE RENAL IMPAIRMENT IN THE ABSENCE OF CHRONIC RENAL FAILURE ON ICD SHOCKS AND SUBSEQUENT MORTALITY D. Chong, K.L. Ho, R. Liew, W.S. Teo, C.K. Ching, National Heart Centre, Singapore	054
24	IS VDD PACING AN ACCEPTABLE OPTION IN PATIENTS WITH ISOLATED AV BLOCK AND INTACT SINOATRIAL NODE FUNCTION? P.J. Parwani, D.R. Frisch, B.B. Pavri, University of Connecticut Health Center, Farmington, CT, USA	055
25	TEMPORARY TRANSVENOUS CARDIAC PACING: BALLOON FLOTATION TECHNIQUE OR SEMI RIGID ELECTRODES, DOES IT MATTER? W. Taggu, R.A. Gamma, Essex Cardiothoracic Centre, Basildon & Thurrock University, Chelmsford, Essex, UK	056
26	PACING AFTER CARDIAC SURGERY: HOW AND WHAT IS THE BEST? J. Rubio, J. Sierra, D. Sanchez, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reija, Universitary Hospital Santiago de Compostela, Santiago de Compostela, Spain	057
27	RETAINED CARDIAC LEAD REMOVAL WITH THE COOK EVOLUTION SYSTEM: PRELIMINARY EXPERIENCE A. Hurle, C. Vaquero, A. Garcia, A. Ibañez, J.L. Ibañez, J.G. Martinez, Hospital General Universitario de Alicante, Alicante, Spain	058
28	IS TEMPORARY PACEMAKER NECESSARY DURING PULSE GENERATOR REPLACEMENT IN PAVEMKER DEPENDENT PATIENTS? H.H. Modi, B. Rehan, A. Bhan, M. Duggal, Advocate Christ Medical Center/UIC, Oak Lawn, IL, USA	059
29	SERIAL CHANGE OF STIMULATION THRESHOLD OF VENTRICULAR SCREW-IN LEADS AT IMPLANTATION AND THE RELATIONSHIP BETWEEN THE ACUTE AND CHRONIC STIMULATION THRESHOLD E. Nakagawa, T. Oosawa, K. Ito, Y. Abe, R. Komatsu, K. Haze, T. Naruko, A. Ito, Osaka City General Hospital, Osaka, Japan	060
30	IS IT SAFE TO DISCHARGE PATIENTS THE SAME DAY AFTER DEVICE IMPLANTATION? A PROSPECTIVE, RANDOMIZED PILOT STUDY M. Ortmann, G. Mark, E. Rhim, U. Patel, W. Ojeda, A.J. Greenspon, R.T. Ho, D. Frisch, B.B. Pavri, Thomas Jefferson University Hospital, Philadelphia, PA, USA	061

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Poster Session

VALVULAR HEART DISEASE/ HEART VALVE SURGERY

Board No.		Abstract No.
31	MODERATE TRICUSPID REGURGITATION ACCOMPANYING LEFT-SIDED HEART VALVE DISEASE: TO REPAIR OR NOT TO REPAIR? J.L. Navia, N. Brozzi, E.R. Nowicki, F.A. Atik, S. Al-Ruzzeh, L. Batizy, J. Zhong E.H. Blackstone, Cleveland Clinic, Cleveland, OH, USA	062
32	THE 5-LIPOXYGENASE PATHWAY CORRELATES WITH THE ECHOCARDIOGRAPHIC PARAMETERS QUANTIFYING AORTIC STENOSIS SEVERITY E. Nagy, K. Caidahl, M. Eriksson, A. Franco-Cereceda, G.K. Hansson, M. Back Karolinska Institute, Karolinska University Hospital, Stockholm, Sweden	063
33	RADIOLOGIC DISTORTION OF THE BIOPROSTHESIS RING AND EARLY CALCIFICATION J. Rubio, J. Sierra, A. Martinez de Alegria, B. Adrio, J. Garcia-Carro, J.M. Martinez-Cereijo, C. Delgado, L. Reija Universitary Hospital Santiago de Compostela, Santiago de Compostela, Spain	064
34	CANDIDA ALBICANS ISOLATED FROM HUMAN FUNGEMIA INDUCE APOPTOSIS IN EXPERIMENTAL ENDOCARDITIS J.K. Olague Franco, M. Dominguez-Hernandez, I. Hernandez Canaveral, A. Plascencia-Hernandez, O.M. Meilhac University of Guadalajara, Guadalajara, Jalisco, Mexico	065
35	INFECTIVE ENDOCARDITIS MORTALITY; HAS IT CHANGED SECONDARY TO THE CURRENT MANAGEMENT GUIDELINES W. Taggu, D.R. Turner Essex Cardiothoracic Centre, Basildon & Thurrock University, Chelmsford, Essex, UK	066
36	BIOGLUE DOES NOT PREDISPOSE TO ANASTOMOTIC PSEUDOANEURYSM IN THORACIC AORTIC SURGERY J. Weiner, S.A. Widman, Z. Golek, M. Tranquilli, J.A. Elefteriades Yale University, New Haven, CT, USA	067
37	PREVALENCE OF MITRAL REGURGITATION BY ETIOLOGY IN THE US ADULT POPULATION A.P. Badiye, G. Robalino, J. Juntila, S. Atapattu, M. Nakamura, E. de Marchena, Department of Medicine, University of Miami, Miami, FL, USA	068

PL: 03

Plenary Session

SUDDEN CARDIAC DEATH / ADVANCES IN IMPLANTABLE RHYTHM DEVICE THERAPY

Chairpersons: **M.E. Cain**, Buffalo, NY, USA
A.B. Curtis, Tampa, FL, USA

Abstract No.

14:00	GENETIC SUSCEPTIBILITY TO SUDDEN CARDIAC DEATH (Invited Lecture) S.S. Chugh , David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	069
14:15	DIAGNOSIS OF ARVC, MODIFICATION OF THE TASK FORCE CRITERIA (Invited Lecture) F.I. Marcus , Sarver Heart Center, Tucson, AZ, USA	070
14:30	RISK STRATIFICATION FOR SUDDEN CARDIAC DEATH: INSIGHTS FROM CLINICAL TRIALS (Invited Lecture) M.E. Cain , University at Buffalo School of Medicine & Biomedical Sciences, Buffalo, NY, USA	071
14:45	NONINVASIVE RISK ASSESSMENT IN BRUGADA SYNDROME (Invited Lecture) M. Takagi , Osaka City University Graduate School of Medicine, Osaka, Japan	072
15:00	PERFORMANCE IMPROVEMENT FOR IMPLANTABLE DEVICE THERAPY IN THE OUTPATIENT SETTING: FINDINGS FROM IMPROVE HF (Invited Lecture) A.B. Curtis , University of South Florida, Tampa, FL, USA	073
15:15	ISOLATED VENTRICULAR NONCOMPACTION: RISK FACTORS AND INDICATIONS FOR ICD THERAPY (Invited Lecture) F. Duru , University Hospital of Zurich, Switzerland	074
15:30	THE LATEST IN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR THERAPY (Invited Lecture) S.M. Al-Khatib , Duke Clinical Research Institute, Durham, NC, USA	075
15:45	THE IMPORTANCE OF REDUCING ICD SHOCKS (Invited Lecture) A. Fischer , Mount Sinai Medical Center, New York, NY, USA	076
16:00	ROLE OF BIVENTRICULAR PACING IN PATIENTS WITH STANDARD PACING INDICATIONS (Invited Lecture) J.W.H. Fung , Prince of Wales Hospital, Hong Kong, China	077
16:15	MYTHS, MAGICAL THINKING, AND MRI: SCANNING IMPLANTABLE RHYTHM DEVICE PATIENTS (Invited Lecture) J.R. Gimbel , Knoxville, TX, USA	078
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

PL: 04

Plenary Session

UPDATE / RECENT ADVANCES IN NON-INVASIVE IMAGING / RISK PREDICTION

Chairpersons: **S.F. Nagueh**, Houston, TX, USA
T. Tomaru, Sakura City, Japan

Abstract No.

14:00	VASCULAR IMAGINGS FOR EVALUATION OF CARDIOVASCULAR EVENT RISK AND GUIDANCE OF TREATMENT (Invited Lecture) T. Tomaru , Dept. of Cardiology, Toho University Sakura Hospital, Sakura, Japan	079
14:15	PROGNOSTIC SIGNIFICANCE OF FINDINGS FROM CARDIAC MAGNETIC RESONANCE (Invited Lecture) R. Krittayaphong , Mahidol University, Bangkok, Thailand	080
14:30	CLINICAL APPLICATION OF 3D ECHOCARDIOGRAPHY (Invited Lecture) T. Shiota , The Cleveland Clinic Foundation, Cleveland, OH, USA	081
14:45	ECHOCARDIOGRAPHIC EVALUATION OF LV DIASTOLIC FUNCTION (Invited Lecture) S.F. Nagueh , Baylor College of Medicine, Houston, TX, USA	082
15:00	LIVE/REAL TIME 3-DIMENSIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY (Invited Lecture) N.C. Nanda , University of Alabama at Birmingham, AL, USA	083
15:15	CHARACTERISTICS OF VULNERABLE PLAQUES IN MULTIPLE-DETECTOR ROW CT-BASED CORONARY ANGIOGRAPHY (Invited Lecture) Y. Kihara , Hiroshima University Hospital, Hiroshima, Japan	084
15:30	RECIPROCAL ASSOCIATION BETWEEN ECTOPIC CARDIOVASCULAR CALCIFICATION AND OSTEOPOROSIS (Invited Lecture) E. Aikawa , Brigham and Women's, Boston, MA, USA	085
15:45	LABELING CARDIOVASCULAR STEM CELL FOR NON-INVASIVE IMAGING FOR ENHANCED ENGRAFTMENT AND EFFICACY (Invited Lecture) D.L. Kraitichman , Johns Hopkins University, Baltimore, MA, USA	086
16:00	NON-INVASIVE IMAGING OF CORONARY ARTERY DISEASE IN OBESE PATIENTS (Invited Lecture) A. Elhendy , Marshfield, WI, USA	087
16:15	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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Session

MOLECULAR CARDIOLOGY, BASIC RESEARCH

Chairpersons: **C.J. Chen**, Houston, TX, USA
D.K. Das, Farmington, CT, USA

Abstract No.

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|-------|--|-----|
| 14:00 | NOTCH ACTIVATES ENDOTHELIAL MESENCHYMAL TRANSFORMATION IN THE DEVELOPING ATRIOVENTRICULAR CANAL THROUGH AUTOCRINE ACTIVATION OF SOLUBLE GUANYLYL CYCLASE
A.C.Y. Chang , Y.X. Fu, A. Setiadi, K. Niessen, L. Chang, M. Fuller, A. Karsan
University of British Columbia, Vancouver, BC, Canada | 088 |
| 14:15 | EFFECTIVE CARDIOMYOCYTES DIFFERENTIATION OF hESCs IN SERUM-FREE CONDITION WITH CONDITIONED MEDIUM OF ENDODERM LINEAGE CELLS DERIVED FROM hESCs
S.H. Moon , M.K. Kim, S.J. Park, J.W. Jang, H.M. Chung
CHA University, Seoul, South Korea | 089 |
| 14:30 | OXIDOREDUCTASE ACTIVITY OF MACROPHAGE MIGRATION INHIBITORY FACTOR PROVIDES CARDIOPROTECTION IN ISCHEMIA/ REPERFUSION
K. Koga , A. Kenessey, S.R. Powell, E.J. Miller, K. Ojamaa
The Feinstein Institute for Medical Research, Manhasset, NY, USA | 090 |
| 14:45 | MITOGEN-ACTIVATED PROTEIN KINASE PHOSPHATASE-1 DEFICIENCY DECREASES ATHEROSCLEROSIS IN APOLIPOPROTEIN E KNOCKOUT MICE
S. Imaizumi , V. Grijalva, S. Hama, S. Priceman, L. Wu, M. Navab, A.M. Fogelman, S.T. Reddy, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA | 091 |
| 15:00 | DYSAUTONOMIA DUE TO REDUCED CHOLINERGIC NEUROTRANSMISSION CAUSES CARDIAC REMODELING AND HEART FAILURE
A.A. Lara , D.D. Damasceno, R. Pires, R. Gros, E.R. Gomes, R.R. Resende, V.F. Prado, A.P. Almeida, M.A.M. Prado, S. Guatimosim
Federal University of Minas Gerais, Belo Horizonte, MG, Brazil | 092 |
| 15:15 | RATE-DEPENDENT BLOCK OF HKV1.5 CHANNELS AND THE MOLECULAR DETERMINANT BY THE NATURAL FLAVONE ACACETIN
H.J. Wu , W. Wu, G.R. Li, Department of Medicine, University of Hong Kong, Hong Kong SAR, China | 093 |
| 15:30 | ELEVATED TIMP-1 LEVELS IN HEART FAILURE AND ASSOCIATION BETWEEN TIMP-1 POLYMORPHISM AND THE EF IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION TREATED WITH PRIMARY PCI
M. Pavkova Goldbergova , J. Parenica, I. Bartonova, P. Kala, M. Poloczek, O. Toman, K. Prymusova, J. Tomandl, J. Spinar, A. Vasku, Institute of Pathological Physiology, Faculty of Medicine, Masaryk University, Brno, Czech Republic | 094 |
| 15:45 | SIGNALING PATHWAY INVOLVED IN ANTI-HYPERTROPHIC EFFECTS OF ANGIOTENSIN-(1-7)/MAS AXIS IN CARDIOMYOCYTES
E.R. Gomes , A.A. Lara, P.W.M. Almeida, D. Guimaraes, R.R. Resende, M.J. Campagnole-Santos, M. Bader, R.A.S. Santos, S. Guatimosim
Federal University of Minas Gerais, Belo Horizonte, Brazil | 095 |

16:00 ROLES OF BMP SIGNALING DURING MOUSE VALVULOGENESIS
 L. Song, **K. Jiao**
 The University of British Columbia, Vancouver, BC, Canada

096

16:15 COFFEE BREAK, VISIT POSTERS AND EXHIBITION



S24

Session

NEW APPROACHES TO SURGICAL REVASCULARIZATION/ MECHANICAL SUPPORT/ LEFT VENTRICULAR ASSIST DEVICES, CARDIAC TRANSPLANTATION

Chairpersons: **R. Hetzer**, Berlin, Germany
L.P. Perrault, Montreal, Canada

Abstract No.

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|-------|--|-----|
| 14:00 | CUSTODIOL-N, A NOVEL ORGAN PROTECTION SOLUTION PROTECTS AGAINST MYOCARDIAL AND ENDOTHELIAL REPERFUSION INJURY AFTER ORTHOTOPIC HEART TRANSPLANTATION
G. Szabo , G. Veres, T. Radovits, M. Karck, University of Heidelberg, Heidelberg, Germany | 097 |
| 14:15 | INITIAL EXPERIENCE WITH CIRCULATING ENDOTHELIAL CELLS (CEC) AS A SUPERSENSITIVE MARKER OF TISSUE DAMAGE IN LESS INVASIVE CORONARY SURGERY: IS MINIMAL EXTRACORPOREAL CIRCULATION (MEC) EQUIVALENT TO OPCAP?
T. Wittwer , Y.H. Choi, K. Neef, M. Schink, A. Sabashikov, J. Strauch, J. Wippermann, P. Teschendorf, O. Mehler, T. Wahlers, University Hospital of Cologne, Germany | 098 |
| 14:30 | OUTCOMES OF MINIMALLY INVASIVE VALVE SURGERY VERSUS MEDIAN STERNOTOMY IN PATIENTS ± 75 YEARS OF AGE
J. Lamelas, A. Sarria , O. Santana, A. Pineda, G.A. Lamas
Mount Sinai Heart Insitute, Miami Beach Fl, USA, Columbia University Division of Cardiac Surgery, New York, NY, USA | 099 |
| 14:45 | PROTECTION OF DONOR HEART: COMBINING COLD-STORAGE WITH PRECONDITIONING BY USING DOXYCYCLINE EXHIBITS IMPORTANT PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY
E. Ozcinar , A. Seymen, S. Eryilmaz, U. Ozyurda, B.Turan
Ankara University Faculty of Medicine, Ankara, Turkey | 100 |
| 15:00 | AN ADDITIVE COMPLEX SCORE AND A BEDSIDE MENTAL ARITHMETIC MODEL FOR OPERATIVE RISK STRATIFICATION IN CORONARY ARTERY BYPASS PATIENTS
Z. Zheng , L. Zhang, X. Yuan, S-S. Hu
Fu Wai Hospital, Peking, Union Medical College, Beijing, P.R.China | 101 |
| 15:15 | OUTCOMES OF MINIMALLY INVASIVE MITRAL VALVE SURGERY IN PATIENTS WITH AN EJECTION FRACTION $\leq 30\%$
J. Reyna , L.U. Elkayam, P.A. Urbandt, O. Santana, J. Lamelas, G.A. Lamas
Mount Sinai Heart Institute, Miami Beach Fl, USA, Columbia University Division of Cardiology, New York, NY, USA | 102 |
| 15:30 | ON-PUMP CORONARY ARTERY BYPASS SURGERY WITHOUT ALLOGENIC BLOOD PRODUCT TRANSFUSION
M. Lisy, E. Schmid, R. Kind, P. Rosenberger, B. Nohe, H. Haeberle, G. Ziemer, U. Stock , University Hospital, Tuebingen, Germany | 103 |

SUNDAY, JULY 25, 2010

14:00-16:30	S24 (cont.)	Hall D
		Abstract No.
15:45	THE NO TOUCH HARVESTING TECHNIQUE FOR VEIN GRAFTS IN CORONARY ARTERY BYPASS SURGERY PRESERVES AN INTACT VASA VASORUM M. Dreifaldt , D.S.R. Souza, A. Loesch, J.R. Muddle, L. Bodin, M.R. Dashwood Orebro University Hospital, Orebro, Sweden	104
16:00	THE CHINESE CORONARY ARTERY BYPASS GRAFT REGISTRY: ANALYSIS OF MULTICENTER DATABASE S.S. Hu, Z. Zheng , X. Yuan, H.W. Gao Fu Wai Hospital, Peking Union Medical College, Beijing, China	105
16:15	A 10 YEAR EXPERIENCE WITH WITH THORATEC® AND HEARTMATE® VENTRICULAR ASSIST DEVICES M.B. Vijayappa , G. Singh, A. Nahata, K. Malhotra, A. Cheema, U. Manchanda, A. Talkad, B. Clemson, University of Illinois, Peoria, IL, USA	106
16:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	



Tourism Vancouver / John Sinal

PL: 05

Plenary Session

THE RELEVANCE OF GENETICS IN PROVIDING UNDERSTANDING AND TREATMENT FOR CARDIOVASCULAR DISEASES

Chairpersons: **L.C. Becker**, Baltimore, MA, USA
J.D. Marsh, Little Rock, AR, USA

Abstract No.

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|-------|---|-----|
| 16:45 | CLINICAL APPLICATION OF GENETIC AND MOLECULAR MEDICINE IN ACUTE CORONARY SYNDROME (Invited Lecture)
L.C. Becker , Johns Hopkins University School of Medicine, Baltimore, MA, USA | 107 |
| 17:00 | CALCIUM CHANNEL EXPRESSION IN VASCULAR SMOOTH MUSCLE CELLS IS MODULATED BY CALCIUM CHANNEL SUBUNIT GENE TRANSFER (Invited Lecture)
S. Telemaque, S.E. Flynn, T. Grain, M. Liu, J.D. Marsh , University of Arkansas for Medical Sciences, Little Rock, AR, USA | 108 |
| 17:15 | GENETIC DISRUPTION OF NPR1 GENE STIMULATES RAS GENE EXPRESSION: ROLE IN CARDIAC HYPERTROPHY (Invited Lecture)
K.N. Pandey , Tulane University Health Sciences Center, New Orleans, LA, USA | 109 |
| 17:30 | STUDIES OF THE GENETIC BASIS OF CONGENITAL HEART DEFECTS (Invited Lecture)
N.E. Bowles , C.A. Gorbea, C.B. Arrington, University of Utah School of Medicine, Salt Lake City, UT, USA | 110 |
| 17:45 | INDUCTION OF MICRORNA-1 BY MYOCARDIN IN SMOOTH MUSCLE CELLS INHIBITS CELL PROLIFERATION (Invited Lecture)
J. Chen, Y-L. Jiang, S. Radhakrishnan, J. Li, H. Yin, E. Catharina, D-Z. Wang, X-L. Zheng , The University of Calgary, Calgary, AB, Canada | 111 |



PL: 06

**Plenary Session
ARTERIAL DISEASE AND HYPERTENSION**

Chairpersons: **W.S. Aronow**, Valhalla, NY, USA
E. Bossone, Amalfi Coast, Italy

Abstract No.

16:45	PERIPHERAL ARTERIAL DISEASE (Invited Lecture) W.S. Aronow , New York Medical College, Valhalla, NY, USA	112
17:00	PULMONARY PRESSURE RESPONSE TO EXERCISE: FROM PHYSIOLOGY TO PATHOLOGY (Invited Lecture) E. Bossone , F. Ferrara, R. Citro Cava de Tirreni & Amalfi Coast Hospital, Amalfi Coast, Italy	113
17:15	NEURAL MECHANISMS OF HYPERTENSION: FROM THE VIEW OF THE CENTRAL NERVOUS SYSTEM (Invited Lecture) Y. Hirooka , Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan	114
17:30	CHRONIC THROMBO-EMBOLIC PULMONARY HYPERTENSION: EVALUATION AND TREATMENT (Invited Lecture) O. Ben-Yehuda , University of California, San Diego, CA, USA	115
17:45	ENDOTHELIAL PROGENITOR CELLS: ROLE IN VASCULAR BIOLOGY AND IMPLICATIONS OF THE RENIN-ANGIOTENSIN SYSTEM (Invited Lecture) S. Wassmann , Lady Davis Institute and Jewish General Hospital, Montreal, Canada	116
18:00	INFRAPOPLITEAL INTERVENTION FOR LIMB SALVAGE (Invited Lecture) O. Kawarada , Stanford University Medical Center, Stanford, CA, USA	117
18:15	THE PREVALENCE OF PERIPHERAL ARTERIAL DISEASE IN HIV PATIENTS N. Gupta, C. Lau, R. Parikh, I. Gupta, S. Bajaj , A. Agarwal, W. Dhillon, A. Al-dehneh, M. Lange, M. Bikkina, Saint Joseph Regional Medical Center, Paterson, NJ, USA	118
18:30	HYPOTENSIVE RESPONSES TO THE ALPHA2-ADRENERGIC AGONISTS ARE ENHANCED AND ACCOMPANIED BY INCREASED G PROTEIN COUPLING IN SPINOPHILIN NULL MICE R. Lu, Y. Chen, N. Peng, K. Jiao, L.E. Limbird, J.M. Wyss, Q. Wang University of Alabama at Birmingham, Birmingham, AL, USA	119

S25

Session

VASCULAR BIOLOGY, BASIC RESEARCH

Chairpersons: **S. Dalla-Volta**, Padova, Italy
T. Malinski, Athens, OH, USA

Abstract No.

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|-------|--|-----|
| 16:45 | CELL SURFACE GRP78 CONTRIBUTES TO THE DEVELOPMENT AND PROGRESSION OF ATHEROTHROMBOSIS
A. Al-Hashimi, J. Caldwell, M. Gonzalez-Gronow, J.I. Weitz, H. Al-Bayati, J.G. Dickhout, R.C. Austin
McMaster University and St. Joseph's Healthcare, Hamilton, ON, Canada, Duke University, Durham, NC, USA | 120 |
| 17:00 | CYTOKINE SIGNALING AND THE REGULATION OF MACROPHAGE GENE EXPRESSION AND FOAM CELL FORMATION
J.E. McLaren, N. Li, R. Salter, D. Michael, T. Ashlin, D.P. Ramji
Cardiff University, Cardiff, UK | 121 |
| 17:15 | HEME-ARGINATE ENHANCES ATRIAL NATRIURETIC PEPTIDE AND ADIPONECTIN, BUT DEPLETED ENDOTHELIN-1 WITH REDUCTION OF KIDNEY LESIONS IN MINERALOCORTICOID-INDUCED HYPERTENSION
J.F. Ndisang , A. Jadhav
University of Saskatchewan College of Medicine, Dept of Physiology, Saskatoon, Saskatchewan, Canada | 122 |
| 17:30 | GLUCOSAMINE REDUCE ATHEROSCLEROTIC BURDEN IN APOPROTEIN E KNOCK-OUT MICE
S-W. Jeong , D-E. Kim, W-K. Kim, Dongguk University, Goyang City, South Korea | 123 |
| 17:45 | GAMBOGIC ACID INHIBITS ADHESION MOLECULE EXPRESSION AND NF- κ B ACTIVATION IN HUMAN AORTIC ENDOTHELIAL CELLS
W-J. Zhang , C. Li, J. Ding, B. Frei, Oregon State University, Corvallis, OR, USA | 124 |
| 18:00 | VASCULAR REMODELING IN TRANSGENIC MICE WITH CRE RECOMBINASE UNDER THE CONTROL OF THE PDGFRB PROMOTER
A.S. Cuttler , R.J. LeClair, D. Venkatesh, Q. Wang, C.M. Sorenson, L. Liaw, V. Lindner, Maine Medical Center Research Institute, Scarborough, ME, USA | 125 |
| 18:15 | TEN-YEAR CLINICAL FOLLOW-UP RESULTS OF INTRACORONARY RADIATION THERAPY USING RHENIUM-188-DTPA-FILLED BALLOON SYSTEM
I.H. Chae , M.A. Kim, H.S. Kim, M.M. Lee, Y.B. Park
Seoul National University College of Medicine, Seoul, Korea | 126 |
| 18:30 | THE SUPPLEMENTATION OF CYANIN-3-O-GLUCOSIDE PROMOTES MACROPHAGE REVERSE CHOLESTEROL TRANSPORT IN C57BL/6J MICE
W-H. Ling , D-L. Wang, Z-W. Zhang, Wenhua Ling Sun Yat-sen University, Guangzhou, China | 127 |
| 18:45 | ASSOCIATION OF PLASMA THROMBIN-ACTIVATABLE FIBRINOLYSIS INHIBITOR ACTIVITY WITH THE OCCURRENCE, SEVERITY AND EXTENT OF THE DISEASE, AND WITH PLASMA C-REACTIVE PROTEIN AND FIBRINOGEN LEVELS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE
I. Konukcu, M.N. Akkus , S. Seyis, I.T. Ozcan, D. Cicek, V.G. Cin
Mersin University School of Medicine, Mersin, Turkey | 128 |

- 19:00 ANTI-PHOSPHATIDYL SERINE AUTOANTIBODY EXPRESSION AS A POTENTIAL BIOMARKER FOR PATIENTS WITH PREMATURE CORONARY EVENTS WITH ANTI-PHOSPHOLIPID SYNDROME **H.Y. Ali**, Z.A. Abdullah, Technical & Health Institute, Zakho, Zakho-Kurdistan Region, Iraq 129
- 19:15 ALTERATION OF REDOX-MEDIATED VASCULAR THROMBOSIS WITH A NOVEL DERIVATIVE OF ASTAXANTHIN **F.J. Pashkow**, T.J. King, K. Fujioka, T.H. Goodin, S.K. Kahn, P.F. Bodary Cardax Pharmaceuticals, Inc., Aiea, HI, USA 130



S26

Session

NEW INSIGHTS INTO THE PATHOGENESIS AND MANAGEMENT OF HEART FAILURE/ PULMONARY CIRCULATION AND RENAL ASPECTS

Chairpersons: **K.A. Adarsh**, Amritsar, India
B.I. Jugdutt, Edmonton, AL, Canada

Abstract No.

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|-------|--|-----|
| 16:45 | INCIDENCE OF MYOCARDITIS IN PATIENTS WITH DIABETIC CARDIOMYOPATHY
C. Chimenti, C. Centurion, P. Severino , R. Verardo, F. Toscano, F. Fedele
La Sapienza University, Rome, Italy | 131 |
| 17:15 | ECHOCARDIOGRAPHIC FEATURES OF ACUTE CARDIORENAL SYNDROME IN PATIENTS WITH ADVANCED HEART FAILURE
S. Dadfarmay , E. Alhaj, R.L. Berkowitz, Hackensack University Medical Center, Hackensack, NJ, USA | 133 |
| 17:30 | DISTINCT TRAJECTORIES OF FATIGUE IN CHRONIC HEART FAILURE AND THEIR ASSOCIATION WITH PROGNOSIS
O.R.F. Smith , N. Kupper, P. De Jonge, J. Denollet
Tilburg University, Tilburg, The Netherlands and University of Bergen, Bergen, Norway | 134 |
| 17:45 | THE ROLE OF ANGIOTENSIN ON MITOCHONDRIAL ATP PRODUCTION AND THE EFFECT OF ANGIOTENSIN ON ADRIAMYCIN-INDUCED CARDIOMYOPATHY
N. Dursun , E. Taskin, M.B. Yerer Aycan, K. Ozdogan, E. Kunduz
University of Erciyes, Kayseri, Turkey | 135 |
| 18:00 | PREDICTING EFFECTS OF EXERCISE TRAINING IN PATIENTS WITH HEART FAILURE SECONDARY TO ISCHEMIC OR IDIOPATHIC DILATED CARDIOMYOPATHY
H.M. Kemps , G. Schep, W.R. de Vries, S.L. Schmikli, M.L. Zonderland, E.J. Thijssen, P.F.F. Wijn, P.A.F.M. Doevendans
Maxima Medical Centre, Veldhoven, The Netherlands | 136 |
| 18:15 | EFFICACY AND SAFETY OF CARPERITIDE FOR ACUTE HEART FAILURE: A MULTICENTER RANDOMIZED CONTROLLED DOSE-FINDING STUDY
G. Wang , W. Liu, J. Zhang
Fu Wai Hospital and Chinese Academy of Medical Sciences, China | 137 |
| 18:30 | FRACTIONAL EXCRETION OF SODIUM (FENA) AND WORSENING RENAL FUNCTION IN HEART FAILURE (HF) EXACERBATION
F.T. Alattar, N. Imran , V.A. DeBari, K.N. Mallah, F.E. Shamoon
Trinitas Regional Medical Center, Elizabeth, NJ, USA | 138 |
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26	HIGH DENSITY LIPOPROTEIN FROM CARDIOMYOPATHY PATIENTS IS NOT ANTI INFLAMMATORY J.B. Kim, G. Hough, G.C. Fonarow, M. Navab David Geffen School of Medicine, University of California Los Angeles, CA, USA	164
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29	SEASONAL AND INFLUENZA A (H1N1) VACCINATION COVERAGE AMONG ADULTS WITH HEART DISEASE, UNITED STATES, 2009-2010 SEASON A. Gonzalez-Feliciano , N. Keenan, G. Euler Science Applications International Corporation, Centers for Disease Control and Prevention, Atlanta, GA, USA	167
30	EVIDENCE BASED USE OF THE ESE - DOES IT ADD TO A NEGATIVE ETT? J. Southard, S. Schaefer , Univeristy of California, Davis, CA, USA	168
31	CLINICAL PRACTICE GUIDELINES: AMIODARONE FOR ATRIAL FIBRILLATION FOLLOWING CARDIAC SURGERY U. Khanderia , P.C. Walker, D. Wagner, University of Michigan Hospitals and College of Pharmacy, Ann Arbor, MI, USA	169
32	DAY CASE PERCUTANEOUS CORONARY INTERVENTION IN SELECTED PATIENTS – A PILOT STUDY IN NORTHERN IRELAND E.C. Hodkinson, J.C. Murphy, H. Douglas, I.B.A. Menown, A.J. McClelland, M.S. Spence, C.G. Hanratty, S.J. Walsh Cardiology Department, Belfast Health and Social Care Trust, Belfast, UK	170

SUNDAY, JULY 25, 2010

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33	PREVALENCE OF USE OF ADVANCE DIRECTIVES, HEALTH CARE PROXY, LEGAL GUARDIAN, AND LIVING WILL IN 512 PATIENTS HOSPITALIZED IN A CARDIAC CARE UNIT IN 2 COMMUNITY HOSPITALS B. Bhushan , A. Kumar, W.S. Aronow, M. Alexa, R. Gothwal, S. Jesmajian, P. Gaba, J. Catevenis, Prince George's Hospital Center, Cheverly, MD, USA	171
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34	PARTIALLY EXTRACTED DEFIBRILLATOR COILS AND PACING LEADS ALTER DEFIBRILLATION THRESHOLDS T.A. Pilcher , J.D. Stinstra, J.G. Tate, E.V. Saarel, M.D. Puchalski, R.S. MacLeod, University of Utah, Salt Lake City, UT, USA	172
35	ATRIAL FIBRILLATION REMOTE MONITORING USING A HAND-HELD WIRELESS REMOTE MONITOR D. Vukajlovic, B. Bojovic, V. Vukcevic, I. Gussak, U. Mitrovic, G. Simic, S. George , NewCardio, Inc., Santa Clara, CA, USA	173
36	HOW ACCURATE IS REAL TIME LEFT VENTRICULAR VOLUME ESTIMATION FROM 2D ECHO USING AUTOMATED BORDER DETECTION SOFTWARE? J.A. Karl , S. Ghosh, D. Spevack, Y. Goldberg Montefiore Medical Center, New York, NY, USA	174
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INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

VANCOUVER, BC, CANADA, July 24-27, 2010

**SCIENTIFIC
PROGRAM**

Monday, July 26, 2010

PL: 07

Plenary Session

ADVANCES IN THE TREATMENT OF ANEURYSM / THORACIC AORTIC PATHOLOGY

Chairpersons: **J. Elefteriades**, New Haven, CT, USA
S.D. Gertz, Jerusalem, Israel

Abstract No.

08:30	ASSESSMENT OF VASCULAR FUNCTION IN PAEDIATRIC CARDIOLOGY: AN IMPORTANT EMERGING CLINICAL AREA (Invited Lecture) G. Sandor , University of British Columbia, Vancouver, BC, Canada	177
08:45	MANAGEMENT OF CARDIOVASCULAR DISEASE IN TURNER SYNDROME (Invited Lecture) A.T. Yetman , Primary Children's Medical Center, Salt Lake City, UT, USA	178
09:00	RECENT ADVANCES IN THE TREATMENT OF ABDOMINAL AORTIC ANEURYSM: ROLE OF PHOTOTHERAPY (Invited Lecture) S.D. Gertz , C. Rubinstein, A. Bulut, Y. Berlatzky, R. Beerli, D. Gilon The Hebrew University - Hadassah Medical School, Jerusalem, Israel	179
09:15	CONCURRENT INTRACRANIAL AND THORACIC AORTIC ANEURYSMS (Invited Lecture) G.A. Kuzmik, M. Feldman, M. Tranquilli, J.A. Rizzo, M. Johnson, J. Elefteriades , Yale University School of Medicine, New Haven, CT, USA	180
09:30	UPDATE ON MECHANISMS, MARKERS AND NON-SURGICAL THERAPIES FOR AORTIC ANEURYSM (Invited Lecture) J. Golledge , James Cook University, School of Medicine, Queensland, Australia	181
09:45	MAST CELL PROTEASES CONTRIBUTE TO ABDOMINAL AORTIC ANEURYSM FORMATION IN MICE (Invited Lecture) G-P. Shi , Brigham and Women's Hospital, Boston, MA, USA	182
10:00	COMBINED SURGERY OF ACUTE TYPE A AORTIC DISSECTIONS BY ASCENDING AORTA REPLACEMENT AND BARE STENT B. Leobon , D. Roux, S. Saccani, Y. Glock, G. Fournial Department of Cardiovascular Surgery B, CHU De Rangueil, Toulouse, France	183
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**Plenary Session
PATHOGENESIS OF ATHEROSCLEROSIS**

Chairpersons: **M. Aikawa**, Boston, MA, USA
M. Takahashi, Tochigi, Japan

Abstract No.

08:30	DEDUCING THE MECHANISM OF DISEASES THROUGH EXPERIMENTAL THERAPY (Invited Lecture) M. Navab , David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	184
08:45	ROLE OF INFLAMMASOME IN CARDIOVASCULAR DISEASES (Invited Lecture) M. Takahashi , Jichi Medical University, Tochigi, Japan	185
09:00	NOVEL MECHANISMS OF MACROPHAGE ACTIVATION AND CARDIOMETABOLIC DISORDERS (Invited Lecture) M. Aikawa , Brigham and Women's Hospital, Boston, MA, USA	186
09:15	DEFICIENCY OF TDAG51 IN APOE-DEFICIENT MICE REDUCES ATHEROGENESIS (Invited Lecture) G.S. Hossain, J. Zhou, E. Lynn, K. Maclean, B. Trigatti, S. Lhotak, D. Tang, J. Dickhout, R.C. Austin , McMaster University, Hamilton, Ontario, Canada	187
09:30	THE ROLE OF DNA DAMAGE RESPONSE IN ATHEROSCLEROSIS AND VASCULAR SMOOTH MUSCLE CELL APOPTOSIS (Invited Lecture) T. Ishida , Hiroshima University Graduate School of Biomedical Sciences, Hiroshima, Japan	188
09:45	MODULATION OF THE ATHEROSCLEROTIC PLAQUE BY SHEAR STRESS (Invited Lecture) S. Lehoux , Lady Davis Institute McGill University, Montreal, QC, Canada	189
10:00	IS APOB100 INNOCENT IN ATHEROSCLEROSIS? IDENTIFICATION OF AN APOB100 DERIVED CHEMOTACTIC PEPTIDE FOR HUMAN INFLAMMATORY CELLS (Invited Lecture) D.F. Ketelhuth, F.J. Francisco, H.Q. Liu, J. Nilsson, G.K. Hansson, Z-Q. Yan , Karolinska Institute, Stockholm, Sweden	190
10:15	THE ROLE OF PLASMACYTOID DENDRITIC CELLS IN PLAQUE DESTABILIZATION (Invited Lecture) A. Niessner , Medical University of Vienna, Austria	191
10:30	C-REACTIVE PROTEIN MEDIATED VASCULAR INJURY REQUIRES COMPLEMENT A.J. Szalai , M.A. McCrory, F.G. Hage, S. Oparil, D. Xing, Y.F. Chen The University of Alabama at Birmingham, Birmingham, AL, USA	192
10:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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Session

NEW DIAGNOSTIC METHODS AND IMAGING TECHNIQUES

Chairpersons: **E. Aikawa**, Boston, MA, USA
Y. Seino, Inzai, Chiba, Japan

Abstract No.

08:30	REGADENOSON INDUCES COMPARABLE LEFT VENTRICULAR PERFUSION DEFECTS AS ADENOSINE: A QUANTITATIVE ANALYSIS FROM THE ADVANCE MPI 2 TRIAL J.J. Mahmarian , M.D. Cerqueira, A.E. Iskandrian, T.M. Bateman, G.S. Thomas, R.C. Hendel, L.A. Moye, A.W. Olmsted Methodist DeBakey Heart and Vascular Center, Houston, TX, USA	193
08:45	MYOCARDIAL PERFORMANCE INDEX BY TISSUE DOPPLER IMAGING M-MODE PREDICTS MORTALITY IN THE GENERAL POPULATION R. Mogelvang , T. Biering-Sorensen, S. Haahr-Pedersen, P. Schnohr, P. Sogaard, J.S. Jensen, Holbaek University Hospital, Holbaek, Denmark	194
09:00	SAFETY OF REGADENOSON IN CHRONIC KIDNEY DISEASE PATIENTS K. Ananthasubramaniam, G. Palani , Z. Husain, A. Karthikeyan, V. Karthikeyan Henry Ford Hospital, Detroit, MI, USA	195
09:15	LAMBL'S EXCRESCENCES IN A COMMUNITY POPULATION VERSUS REFERRAL POPULATION: DO THEY INCUR A RISK OF EMBOLIC EVENTS? M.J. Ansari , C. Shub, M. Grogan, W.D. Edwards, I. Meissner, B. Khandheria, K.W. Klarich, University Hospitals, Case Medical Center, Cleveland, OH, USA	196
09:30	DISCOVERY OF ISCHEMIA BY MULTIPLE VARIABLES J.C. Maganis , D.A. Drimmer, F.B. Rojo, R.H.S. Selvester, M.H. Ellestad Long Beach Memorial Medical Center, Long Beach, USA	197
09:45	STUDY EVALUATING THE APPROPRIATENESS OF THE PUBLISHED APPROPRIATENESS CRITERIA FOR ORDERING PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MYOCARDIAL PERFUSION IMAGING R. Ramaraj , E. Panczyk, T.K. Walsh, M. Pack University of Arizona, Tucson, AZ, USA	198
10:00	ROBOTIC-ASSISTED LOCOMOTION TRAINING IMPROVES LEFT VENTRICLE DIASTOLIC FUNCTION AND ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH LOST SENSORIMOTOR FUNCTION: AN ECHOCARDIOGRAPHIC STUDY S. Sitia , L. Tomasoni, I. Bo, L. Gianturco, V. Magagnin, E. Caiani, M. Turiel Cardiology Unit, Department of Health Technologies, IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy	199
10:15	QTC PROLONGATION DURING VASODILATOR NUCLEAR STRESS TEST (NST) AND ITS ASSOCIATION WITH ABNORMAL SCAN AND ALL CAUSE MORTALITY IN AN INNER-CITY HOSPITAL N.C. Bhalodkar, M. Atoui , R. Alvi, A. Gardezi, U. Khan, N. Paladugu, S. Blum Bronx-Lebanon Hospital Center, Bronx, NY, USA; Affiliated with Albert Einstein College of Medicine, Bronx, NY, USA	200
10:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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Session

SECONDARY PREVENTION, MODIFICATION OF LIPOPROTEINS, PROGNOSIS, RISK STRATIFICATION

Chairpersons: **R. Krittayaphong**, Bangkok, Thailand
R. Manfredini, Lagosanto, Italy

Abstract No.

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| 08:30 | NATIONAL SERVICE FRAMEWORK FOR CORONARY HEART DISEASE IN ENGLAND: 10 YEARS OF IMPEMENTATION
H. Swanton , R. Boyle
The Heart Hospital, London, UK | 201 |
| 08:45 | PREVALENCE AND MANAGEMENT OF CARDIOVASCULAR DISEASE RISK FACTORS IN VON WILLEBRAND DISEASE PATIENTS
M.Y. Lim , A. Eckerman, K. Schmidt, R. Pruthi
Department of Internal Medicine, Mayo Clinic, Rochester, MN, USA | 202 |
| 09:00 | THE EFFECT OF CORONARY ARTERY DISEASE ON THE HEART RATE RESPONSE DURING A VALSALVA MANEUVER
S.A. Atapattu, G. Robalino, A. Badiye , C. Marin, E. de Marchena
University of Miami, Miami, FL, USA | 203 |
| 09:15 | DEPRESSION SUBTYPES, INFLAMMATION, AND NEW CORONARY HEART DISEASE (CHD) EVENTS IN PATIENTS WITH KNOWN CHD
J.A. Shaffer , K.W. Davidson, D. Shimbo, Columbia University Medical Center, New York, NY, USA | 204 |
| 09:30 | THE TRIGLYCERIDE BUT NOT THE CHOLESTEROL CONTENT OF HDL IS ASSOCIATED WITH SIGNS AND SYMPTOMS OF STATIN INTOLERANCE
T. Bouhali , K. Tremblay, M. Santure, J. Methot, L. Bouchard, D. Brisson, D. Gaudet
Ecogene-21, Universite de Montreal, Chicoutimi, QC, Canada | 205 |
| 09:45 | EFFECT OF INTENSIVE LIFESTYLE CHANGES ON ENDOTHELIAL FUNCTION AND ON INFLAMMATORY MARKERS OF ATHEROSCLEROSIS
H.S. Dod, R. Bhardwaj , V. Sajja, G. Weidner, G. Hobbs, N.C. Nanda, B.E. Warden, R.J. Beto, D. Ornish, A.C. Jain, WVUH Morgantown, WV, USA | 206 |
| 10:00 | STABLE NUCLEIC ACID LIPID PARTICLE MEDIATED GENE SILENCING AMELIORATES ATHEROGENIC HYPERLIPIDEMIA IN MICE
M.L.E. MacDonald , J. Kaldestad, K. McClintock, A. Dhillon, M.L. Eisenhardt, C. Kwok, D. Le, J.R. Phelps, I. MacLachlan, A.C.H. Lee
Tekmira Pharmaceuticals Corporation, Burnaby, BC, Canada | 207 |
| 10:15 | PARADOXICAL SYSTOLIC BLOOD PRESSURE INCREASE AFTER GRADED EXERCISE PREDICTS SEVERE CORONARY ARTERY DISEASE AND ALL-CAUSE MORTALITY
T.C. Su , M.F. Chen, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan | 208 |
| 10:30 | STATINS DO NOT AFFECT LDL AND HDL SUBFRACTIONS AND THEIR PARTICLE SIZES AMONG ASIAN INDIANS
N.C. Bhalodkar, J. Loganathan , A. Mehta, D. Purwaha, S. Blum
Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, NY, USA | 209 |

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11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	



PL: 09

Plenary Session

INSIGHTS INTO THE MECHANISM AND MANAGEMENT OF ATRIAL FIBRILLATION / STROKE PREVENTION

Chairpersons: **D. Dobrev**, Dresden, Germany
A. Ducharme, Quebec, Canada

Abstract No.

10:45	CALCIUM/CALMODULIN KINASE, DYSFUNCTIONAL SARCOPLASMIC RETICULUM, AND ATRIAL FIBRILLATION (Invited Lecture) D. Dobrev , Dresden University of Technology, Dresden, Germany	211
11:00	CARDIAC CONSEQUENCES OF ALTERED SIGNAL TRANSDUCTION IN ATRIAL FIBRILLATION (Invited Lecture) A. Goette , St. Vincenz-Hospital, Paderborn, Germany	212
11:15	MRI FOR AF MANAGEMENT: STAGING AF AND BEYOND (Invited Lecture) N. Marrouche , M. Daccarett, N. Akoum, T.J. Badger, N.S. Burgon, G. Cergara, E. Kholmovski, C.J. McGann, D. Parker, R.S. MacLeod, University of Utah Health Sciences Center, Salt Lake City, UT, USA	213
11:30	LEFT ATRIAL APPENDAGE OCCLUSION (Invited Lecture) H. Sievert , J. Wiebe, S. Bertog, N. Wunderlich Cardiovascular Center Frankfurt, Germany	214
11:45	NEW DEVELOPMENTS IN ANTICOAGULATION IN ATRIAL FIBRILLATION (Invited Lecture) A. Martinez-Rubio , Hospital de Sabadell, Barcelona, Spain	215
12:00	TELEMEDICINE FOR DIAGNOSING AND MANAGING PAROXYSMAL ATRIAL FIBRILLATION IN OUTPATIENTS: THE PHONE, NOT THE PILL, IN THE POCKET (Invited Lecture) A. Roth , J. Shacham, E.Y. Birati, N. Malov, Y. Yanay, D.M. Steinberg, M. Tamari, M. Golovner, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel	216
12:15	THE EMERGING USE OF CRYOABLATION FOR THE TREATMENT OF ATRIAL FIBRILLATION (Invited Lecture) P.G. Guerra , Montreal Heart Institute, Canada	217
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12:45	ABLATION OF ATRIAL FIBRILLATION USING A NOVEL UNI- AND BIPOLAR RADIOFREQUENCY ENERGY ABLATION SYSTEM (Invited Lecture) T. Deneke , K. Buenz, A. Bastian, R. Haberkorn, M. Paessler, H. Anders, M. Horlitz, P.H. Grewe, D.I. Shin, University of Bochum, Germany	219
13:00	CAVOTRICUSPID ISTHMUS CATHETER ABLATION WITHOUT THE USE OF FLUOROSCOPY L. Tercedor , M. Alvarez, R.S. Galdeano, L. Munoz, F. Valverde, R. Penas, R. Melgares, University Hospital Virgen de las Nieves, Granada, Spain	220
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

PL: 10

Plenary Session

OXIDATIVE STRESS AND INFLAMMATION IN CARDIOVASCULAR DISEASE

Chairpersons: **D.D. Heistad**, Iowa City, IA, USA
K.A. Pritchard Jr., Milwaukee, WI, USA

Abstract No.

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11:00	LOX-1 IN CARDIOVASCULAR DYSFUNCTION (Invited Lecture) T. Sawamura , National Cardiovascular Center Research Institute, Suita, Osaka, Japan	222
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11:30	NOVEL MYLEOPEROXIDASE INHIBITORS INHIBIT LDL OXIDATION AND IMPROVE VASODILATATION (Invited Lecture) H. Zhang, J. Du, T. Guan, D.W. Jones, Y. Shi, H. Xu, C.A. Hillery, K.A. Pritchard Jr. , Medical College of Wisconsin, Milwaukee, WI, USA	224
11:45	CRP AND CARDIOVASCULAR DISEASE: USE IN CLINICAL PRACTICE? (Invited Lecture) B.G. Nordestgaard , Copenhagen University, Denmark	225
12:00	HSP60, INFLAMMATION AND CARDIOVASCULAR DISEASE (Invited Lecture) A.A. Knowlton , University of California, Davis, CA, USA	226
12:15	SIGNAL TRANSDUCTION PATHWAYS IMPLICATED IN THE DEVELOPMENT OF ATHEROSCLEROSIS (Invited Lecture) S. Amar , Boston University, Boston, MA, USA	227
12:30	THE ALTERATION OF THE BIOENERGETIC PATHWAY AGGRAVATES ATHEROSCLEROSIS IN PARAOXONASE-2 DEFICIENCY MICE A. Devarajan , N. Bourquard, S. Morvardi, C. Clarke, V. Grijalva, D. Meriwether III, J.F. Teiber, L. Vergnes, K. Reue, S.T. Reddy The University of Texas Southwestern Medical Center, Dallas, TX, USA	228
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Session

NEW INSIGHTS INTO THE PATHOGENESIS AND TREATMENT OF
CARDIOMYOPATHIES

Chairperson: **R.K. Goyal**, Gujarat, India

Abstract No.

10:45	RISK FACTORS FOR TOTAL HEART BLOCK AFTER TRANSCORONARY ABLATION OF SEPTAL HYPERTROPHY T. Lawrenz, M. Schloesser , M. Bartelsmeier, C. Leuner, C. Strunk-Mueller, D. Meyer zu Vilsendorf, H. Kuhn, C. Stellbrink, Klinikum Bielefeld-Mitte, Bielefeld, Germany	230
11:00	EARLY DYSTROPHIN DISRUPTION IN THE PATHOGENESIS OF EXPERIMENTAL CHRONIC CHAGAS CARDIOMYOPATHY C.M. Prado, M.R.N. Celes, L.M. Malvestio, E.C. Campos, L.A. Jelicks, H.B. Tanowitz, M.A. Rossi , Faculty of Medicine of Ribeirao Preto, USP, Brazil	231
11:15	A SERVO-CONTROLLED CANINE MODEL OF STABLE SEVERE ISCHEMIC LEFT VENTRICULAR FAILURE R.L. Wagner, W.B. Hood, Jr. , P.A. Howland, Harvard University, Boston, MA, USA	232
11:30	OCCULT ENDOCARDIAL THROMBOSIS IN IDIOPATHIC LEFT VENTRICULAR DYSFUNCTION A. Frustaci, P. Severino , E. Canali, C. Centurion, M. Mancone, R. Verardo, F. Fedele, C. Chimenti, La Sapienza University, Rome, Italy	233
11:45	EFFECT OF WEIGHT LOSS ON VENTRICULAR REPOLARIZATION IN MORBIDLY OBESE PATIENTS R. Mukerji, M.A. Alpert , University of Missouri Health Sciences Center, Columbia, MO, USA	234
12:00	EFFECT OF ADAPTIVE SERVO VENTILATOR ON CARDIAC FUNCTION IN NORMAL AND HEART DISEASE SUBJECTS T. Taguchi , H. Adachi, J. Murakami, E. Yamashita, R. Kawaguchi, T. Toyama, S. Naito, H. Hoshizaki, S. Oshima, Gunma Prefectural Cardiovascular Center, Maebashi, Gunma, Japan	235
12:15	SUPPRESSION OF MYOCARIAL HYPERTROPHY BY PHOSPHODIESTERASE-5 INHIBITORS: THE ROLE OF CALCINEURIN AND P 38 MAPK S.Y. Khatib , A. Zeidan, M. Al-Jinabi, A. Badwan Jordan University of Science and Technology, Irbid, Jordan	236
12:30	ACCURACY OF ECG CRITERIA FOR THE DIAGNOSIS OF LEFT VENTRICULAR HYPERTROPHY R. Krittayaphong , V. Nomsawadi, M. Muenkaew, M. Miniphan Siriraj Hospital, Bangkok, Thailand	237

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12:45	COMPLICATIONS OF LOW-DOSE, ECHO-GUIDED ALCOHOL SEPTAL ABLATIONS FOR OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY J. Veselka , D. Zemanek, P. Tomasov, S. Homolova, R. Adlova CardioVascular Center, University Hospital Motol, Prague, Czech Republic	238
13:00	PREDICTORS OF LEFT VENTRICULAR MASS AMONG PREDOMINANTLY HISPANIC AND AFRICAN AMERICAN PATIENTS WITH DIABETES MELLITUS IN AN INNER CITY HOSPITAL N.C. Bhalodkar, H. Chelimilla , A. Garg, L. Vicioso, S. Sriakarlupudi, A.M. Limaye, S. Blum, J.N. Bella, Bronx Lebanon Hospital Center, Albert Einstein College of Medicine, Bronx, NY, USA	239
13:15	THE EFFECT OF ETHNICITY ON COMPUTERIZED ELECTROCARDIOGRAM MEASUREMENT OF COLLEGE ATHLETES J. Sadik , M.G. Gademan, M.J. Lipinski, D. Sedehi, E.A. Ashley, V.F. Froelicher Palo Alto Veterans Affairs Medical Center / Stanford University, Palo Alto, CA, USA	240
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	



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Session

ATHEROSCLEROSIS: PRIMARY PREVENTION, RISK ASSESSMENT

Chairpersons: **G.L. Fung**, San Francisco, CA, USA
M. Yokota, Nagoya, Japan

Abstract No.

- | | | |
|-------|--|-----|
| 10:45 | IMPACT OF KIDNEY DISEASE AND BLOOD PRESSURE ON THE DEVELOPMENT OF CARDIOVASCULAR DISEASE: RESULTS FROM THE JAPAN ARTERIOSCLEROSIS LONGITUDINAL STUDY
T. Ninomiya , Y. Kiyohara, Y. Tokuda, Y. Doi, H. Arima, A. Harada, Y. Ohashi, H. Ueshima, Kyushu University, Fukuoka, Japan | 241 |
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| 11:15 | CAROTID DIAMETER IMPROVES THE CAROTID IMT CAPACITY TO PREDICT CORONARY EVENTS: DATA FROM THE IMPROVE STUDY
D. Baldassarre , M. Amato, E. Tremoli, on behalf of the IMPROVE study group
Department of Pharmacological Sciences, University of Milan, Italy | 243 |
| 11:30 | MORTALITY AND MORBIDITY FROM CORONARY HEART DISEASE IN GERMANY ATTRIBUTABLE TO PASSIVE SMOKING
J. Heidrich, J. Wellmann, P. Heuschmann, U. Keil
University of Muenster, Germany, Charite Universitaetsmedizin Berlin, Germany | 244 |
| 11:45 | CAROTID INTIMA MEDIAL THICKNESS (CIMT) AND SMALL ARTERY ELASTICITY (C2) AS A POWERFUL TOOL FOR CARDIOVASCULAR DISEASE (CVD) RISK STRATIFICATION AS COMPARED WITH HIGH-SENSITIVITY C-REACTIVE PROTEIN (HCRP) REGARDLESS OF SEX
M. El Shahawy , M. Entcheva, J.N. Cohn
Sarasota Memorial Hospital, Sarasota, FL, USA | 245 |
| 12:00 | HOUSEHOLD FOOD INSECURITY AND OCCURRENCE OF CARDIAC RISK FACTORS IN YOUNG: WHO IS AT RISK?
A. Bajaj , D.D. Ramdath, M. Moghadasian, P.K. Singal
St. Boniface General Hospital Research Centre, University of Manitoba, Winnipeg, MB, Canada | 246 |
| 12:15 | AGGRESSIVE TREATMENT OF CARDIOVASCULAR RISK FACTORS RESULTS IN THE REDUCTION OF ATHEROSCLEROSIS GROWTH AS MEASURED BY CAROTID INTIMA MEDIA THICKNESS: EXPERIENCE FROM AN ATHEROSCLEROSIS PREVENTION CLINIC
D.M. Eldringhoff , J.M. Backes, J.F. Ruisinger, J.S. Dutton, B.J. Barnes, J.M. Belmont, P.M. Moriarty
Kansas University Medical Center, Kansas City, KS, USA | 247 |
| 12:30 | ACUTE MYOCARDIAL INFARCTION IN YOUNG: WHO IS AT RISK?
S. Bajaj , N. Gupta, R. Parikh, N. Parikh, O. Alrabadi, A. Hamdan, M. Bikkina, F. Shamoon
St. Joseph's Regional Medical Center, Paterson, New Jersey, USA | 248 |

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12:45	HDL/APO B RATIO EQUAL OR GREATER THAN 1 AS A POTENTIAL TARGET FOR PREVENTION AND REVERSAL OF CARDIOVASCULAR DISEASE? K.J. Reddy, M. Singh , R.R. Batsell, R.A. Miraskar, J.R. Bangit Reddy Cardiac Wellness, Sugarland, TX, USA		249
13:00	INVERSE CORRELATION BETWEEN BMI AND CORONARY ANGIOGRAPHIC FINDINGS IN AN INNER-CITY MINORITY POPULATION H. Shaqra, N. Fida , J. Loganathan, T. Haque, M.U. Anwer, S. Blum, S.S. Chilimuri, N. Bhalodkar Bronx Lebanon Hospital Centre Affiliated with Albert Einstein College of Medicine, Bronx, NY, USA		250
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2	PLATELET ACTIVATION PROFILE IN PATIENTS WHO UNDERWENT CAROTID VERSUS CORONARY STENT REVASCULARIZATION M. Camera , D. Trabattoni, E. Tirloni, A.S. Ghulam, M. Brambilla, P. Canzano, A. Bartorelli, E. Tremoli, P. Montorsi, Centro Cardiologico Monzino IRCCS, Milan, Italy	252
3	ACETYLTTRANSFERASE ACTIVITY AS A PREDICTOR OF IN-STENT STENOSIS IN THE FOLLOW-UP AFTER CORONARY STENTING D.G. Iosseliani, I.E. Kuznetzova , S.P. Semitko Moscow City Center of Interventional Cardioangiolog, Moscow, Russia	253
4	THE USE OF A STENT DELIVERY SYSTEM (HEARTAIL II CATHETER) AS A THROMBECTOMY DEVICE IN SAPHENOUS VEIN GRAFT INTERVENTION; A NOVEL NEW TOOL IN INTERVENTIONAL CARDIOLOGY H. Hadi, V. Frooq, T. Hamid , R. Khattar, D. Fraser, M. Mamas Manchester Heart Centre, Manchester Royal Infirmary, Oxford Road, UK	254
5	EVALUATION OF PERCUTANEOUS CORONARY INTERVENTION WITH STENTING ON IMPROVEMENT OF LEFT VENTRICULAR FUNCTION IN PATIENTS WITH SINGLE VESSEL CORONARY ARTERY DISEASE M. Nourizadeh , M. Adel, A. Hosseinzadeh Imam Khomeini Hospital, Jondishapour University of Medical Sciences, Ahwaz, Russia	255
6	DOES OPERATOR EXPERIENCE HAVE AN IMPACT ON LONG-TERM RESULTS AFTER IVUS - GUIDED BARE-METAL STENT IMPLANTATION? RESULTS OF THE RANDOMIZED TRAIL DESIVUS J. Rzezak, D.I. Vassilev, S. Golebiewski, T. Pawlowski, T. Kulawik, R.J. Gil Central Hospital of the Internal Affairs and Adminstration Ministry, Warsaw, Poland	256

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PERIPHERAL ARTERIAL DISEASE / CAROTID ARTERY DISEASE**

7	PREDICTING ATHEROSCLEROSIS: AN EXAMINATION OF THE INTIMA-MEDIA THICKNESS OF THE CAROTID AND CORONARY ARTERIES T. Brittain , N. Gloyeske Kansas City University of Medicine and Biosciences, Kansas City, MO, USA	257
8	LOW-DOSE ADMINISTRATION OF ATORVASTATIN CAN PREVENT PROGRESSION OF CAROTID ARTERIOSCLEROSIS T. Hirohashi , E. Tomaru, K. Nakamura, T. Tomaru Toho University, Sakura, Japan	258
9	THE EPIDEMIOLOGY OF PERIPHERAL ARTERIAL DISEASE (PAD) IN HIV-INFECTED PATIENTS A. QaQa, N. Mohammad, A. Isbitan , V. Debari, K. El-Kersh, R. Sison, M. Bisharat, J. Slim, G. Perez, F. Shamoon Seton Hall University/St Michaels Medical Center, Newark, NJ, USA	259

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Poster Session

PRIMARY PREVENTION OF CORONARY ARTERY DISEASE / RISK FACTORS FOR ATHEROTHROMBOTIC DISEASE

Board No.

Abstract No.

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| 10 | THE ROLE OF CARDIOVASCULAR RISK FACTORS ON LONG-TERM MORTALITY FOLLOWING LIVER TRANSPLANTATION
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Westchester Medical Center/ New York Medical College, Valhalla, New York, USA | 260 |
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Escola Bahiana de Medicina e Saude Publica, Salvador, Bahia, Brazil | 261 |
| 12 | ENDOTHELIAL DYSFUNCTION AND CORONARY MICROCIRCULATION IN YOUNG RENAL TRANSPLANT RECIPIENTS
S. Sitia , L. Tomasoni, S. Cicala, V. Martina, L. Ghio, M. Turiel
IRCCS Galeazzi Orthopedic Institute, University of Milan, Italy | 262 |
| 13 | DIASTOLIC BLOOD PRESSURE REDUCTION AS A PRIMARY MARKER OF STEP IN METABOLIC SYNDROME
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| 15 | RISK FACTORS OF ACUTE MYOCARDIAL INFARCT DATA OF HEALTH IN THE PARI SP-SP
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Medicine College of Cidade de Sao Paulo University, Sao Paulo, SP, Brasil | 265 |

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PULMONARY ASPECTS, PULMONARY HYPERTENSION

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| 16 | EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON TEI INDEX IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME
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Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan | 266 |
| 17 | PULMONARY HYPERTENSION IN IPF: DOES SEVERITY MATTER?
O. Minai , F. Santacruz, K. McCarthy, J. Alster
Cleveland Clinic, Cleveland, Ohio, USA | 267 |
| 18 | PNEUMONIA AND PULMONARY HYPERTENSION
T.M. Abu Sharifeh , W.I. Khalife, V.K. Mukku
UTMB, Galveston, TX, USA | 268 |
| 19 | ELECTROCARDIOGRAPHIC ABNORMALITIES IN SEVERE VERSUS MILD OR MODERATE CHRONIC OBSTRUCTIVE PULMONARY DISEASE
D. Holtzman , W.S. Aronow, M. Mellanna, M. Sharma, N. Mehta, D. Chandy
New York Medical College, Valhalla, NY, USA | 269 |

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22	RELATIONSHIP BETWEEN DISTRIBUTION OF CORONARY ARTERY LESIONS AND RENAL ARTERY STENOSIS IN PATIENTS UNDERGOING SIMULTANEOUS CORONARY AND RENAL ANGIOGRAPHY N. Salehi , A. Gholoobi, A. Firouzi, F. Shakerian, H.R. Sanati, M. Madani, Iran University, Tehran, Iran	272
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23	FIRST DOCUMENTED RHYTHM AND PREDICTORS OF SURVIVAL FOLLOWING IN-HOSPITAL CARDIOPULMONARY RESUSCITATION AT THE MEDICAL CITY M.S. Avelino , R.E. Ramboyong, A.P. Bautista The Medical City Cardiovascular Center, Pasig City, Philippines	273
24	CLINICAL CHARACTERISTICS AND ELECTROCARDIOGRAPHY FEATURES OF BLACK AFRICAN ELITE ATHLETES: THE CAMEROON SOCCER REGISTRY H. Djoumessi, F. Ngoh, S. Mandengue, I. Ditah, A. Bonny University Hospital, University of Douala, Detroit, MI, USA	274
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R. Mukerji, **M.A. Alpert**
University of Missouri Health Sciences Center, Columbia, MO, USA
- 30 CARDIOVASCULAR COMPLICATIONS FOLLOWING LIVER TRANSPLANTATION **280**
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- 31 USEFULNESS OF BREAST ARTERIAL CALCIUM ON MAMMOGRAPHY FOR PREDICTING CORONARY ARTERY DISEASE OR CARDIOVASCULAR EVENTS IN WOMEN WITH ANGINA PECTORIS AND/OR POSITIVE STRESS TESTS **281**
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Willam Beaumont Hospital, Royal Oak, MI, USA
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- 33 EFFECT OF NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE ON RENAL FUNCTION IN OBSTRUCTIVE SLEEP APNEA SYNDROME **283**
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Nagasaki University, Nagasaki, Japan
- 34 THE FULL IMPACT OF CHRONIC CARDIOVASCULAR DISEASES CANNOT BE MEASURED WITHOUT AN ASSESSMENT OF LIFE DECISIONS **284**
Z.U. Bhatti, A.Y. Finlay, M.S. Salek, J.J. Halcox
Department of Dermatology, School of Medicine, Cardiff University, Cardiff, UK
- 35 PREOPERATIVE SERUM CREATININE IS ASSOCIATED WITH POSTOPERATIVE ATRIAL FIBRILLATION AFTER CORONARY BYPASS SURGERY **285**
C.Chen-Scarabelli, G. Faggian, G. Petrilli, M. Tessari, L. Saravolatz, A. Mazzucco, **T. Scarabelli**
VA Ann Arbor Healthcare System, Ann Arbor, MI, USA, University of Verona, Verona, Italy
- 36 ACUTE CORONARY SYNDROME IN YOUNG **286**
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Coronary Intensive Unit, Corrientes, Argentina

PL: 11

Plenary Session

NEW CONCEPTS IN CARDIAC REMODELING AND MYOCARDIAL PROTECTION

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

Abstract No.

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14:15	ALGINATES FOR THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION AND HEART FAILURE (Invited Lecture) H.N. Sabbah , Henry Ford Hospital, Detroit, MI, USA	288
14:30	AUTOPHAGY IN THE ISCHEMIC HEART (Invited Lecture) D.K. Das , University of Connecticut Medical Center, Farmington, CT, USA	289
14:45	AGING AND REMODELING OF THE RENIN-ANGIOTENSIN-SYSTEM POST INFARCTION (Invited Lecture) B.I. Jugdutt , University of Alberta Hospitals, Edmonton, AL, Canada	290
15:00	PLEIOTROPIC EFFECTS OF PIOGLITAZONE AFFECTING MYOCARDIAL PROTECTION AGAINST ISCHEMIA-REPERFUSION INJURY (Invited Lecture) Y. Ye, J.R. Perez-Polo, Y. Birnbaum , Baylor College of Medicine, Houston, TX, USA	291
15:15	INHIBITION OF MALONYL COA DECARBOXYLASE PREVENTS ADVERSE CARDIAC REMODELLING POST-INFARCTION (Invited Lecture) G. Lopaschuk , University of Alberta, Edmonton, AL, Canada	292
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15:45	REMOTE ISCHEMIC CONDITIONING AND ITS CLINICAL APPLICATION (Invited Lecture) I.E. Konstantinov , Royal Children's Hospital, Parkville, Australia	294
16:00	THE ROLE OF THROMBOSPONDIN-1 IN INFARCT HEALING AND CARDIAC REMODELING (Invited Lecture) N. Frangogiannis , Baylor College of Medicine, Houston, TX, USA	295
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Plenary Session

NOVEL RISK FACTORS AND CARDIOVASCULAR DISEASE

Chairpersons: **M.A. Alpert**, St Louis, MO, USA
E.L. Barrett-Connor, La Jolla, CA, USA

Abstract No.

14:00	NOVEL RISK FACTORS FOR CARDIOVASCULAR DISEASE (Invited Lecture) E.L. Barrett-Connor , University of California, San Diego, La Jolla, CA, USA	296
14:15	OBESITY AND MYOCARDIAL REPOLARIZATION (Invited Lecture) M.A. Alpert , St. John's Mercy Medical Center, St Louis, MO, USA	297
14:30	ANTIRETROVIRALS AND CARDIOVASCULAR DISEASE (Invited Lecture) C.J. Chen , Q. Yao, Baylor College of Medicine, Houston, TX, USA	298
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15:00	TESTOSTERONE AND CARDIOVASCULAR DISEASE: A SEX-SPECIFIC CONNECTION (Invited Lecture) G. Laughlin , University of California, San Diego, La Jolla, CA, USA	300
15:15	HEART RATE - WHAT ROLE IN CV RISK AND PROTECTION? (Invited Lecture) S. Gupta , Whipps Cross and St. Bartholomew's Hospitals, Leytonstone, UK	301
15:30	IS LOW HDL A MARKER OR A CAUSAL FACTOR FOR HEART DISEASE? (Invited Lecture) A. Tybjaerg-Hansen , Copenhagen University Hospital, Denmark	302
15:45	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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Session

VALVULAR HEART DISEASE / HEART VALVE SURGERY

Chairpersons: **R.W.W. Biederman**, Pittsburgh, PA, USA
J.A. Elefteriades, New Haven, CT, USA

Abstract No.

- | | | |
|-------|---|-----|
| 14:00 | <p>NORMOTHERMIC CARDIOPULMONARY BYPASS VS. DEEP HYPOTHERMIC CIRCULATORY ARREST FOR REMOVING INFERIOR VENA CAVA TUMOR THROMBUS
J.L. Navia, E.R. Nowicki, E.H. Blackstone, N. Brozzi, F.A. Atik, J. Rajeswaran, A.M. Gillinov, L.G. Svensson, S. Al-Ruzzeh, B.W. Lytle
Cleveland Clinic, Cleveland, USA</p> | 303 |
| 14:15 | <p>AORTIC VALVE REPLACEMENT IN HIGH-RISK PATIENT WITH SEVERE LEFT VENTRICULAR DYSFUNCTION
K. Kuwaki, A. Amano, H. Inaba, K. Tambara, T. Yamamoto, K. Kikuchi, S. Dohi, T. Matsumura, H. Yamaoka, A. Shimada
Juntendo University, Tokyo, Japan</p> | 304 |
| 14:30 | <p>BOVINE ARCH – A MARKER FOR THORACIC AORTIC ANEURYSM
M. Hornick, R. Moomiaie, H. Mojibian, M. Tranquilli, J.A. Elefteriades
Yale University School of Medicine, New Haven, CT, USA</p> | 305 |
| 14:45 | <p>APOPTOSIS INDUCED BY AN ESCHERICHIA COLI STRAIN IN AN EXPERIMENTAL ENDOCARDITIS MODEL
J.K. Olague Franco, M. Dominguez-Hernandez, I. Hernandez Canaveral, A. Plascencia-Hernandez, O.M. Meilhac
University of Guadalajara, Guadalajara, Jalisco, Mexico</p> | 306 |
| 15:00 | <p>REPEAT PERCUTANEOUS MITRAL VALVULOPLASTY (PMV) IN PATIENTS WITH RECURRENT MITRAL VALVE STENOSIS FOLLOWING TO PREVIOUS PMV (IMMEDIATE AND LONG-TERM OUTCOME)
M. Ghasemi, M. Sanatkarfar, A. Kaboli, M.R. Movahed
Research Center Of Endovascular Intervention, Tehran, Iran</p> | 307 |
| 15:15 | <p>DOPPLER AND CATHETER GRADIENT DISCREPANCIES IN AORTIC STENOSIS: POTENTIAL ROLE OF REYNOLDS NUMBER
J.C. Adams, P. Jiamsripong, H.P. Chaliki, M. Belohlavek, E.M. McMahon, V. Marupakula, J. Heys, Mayo Clinic, Scottsdale, AZ, USA</p> | 308 |
| 15:30 | <p>DESCRIPTION OF A NOVEL EX-VIVO IMAGING AND INVESTIGATION TECHNIQUE TO RECORD, ANALYZE AND VISUALIZE HEART VALVE MOTION UNDER PHYSIOLOGICAL CONDITIONS
M. Kondruweit, S. Friedl, T. Wittenberg, R. Tandler, M. Weyand
University-Hospital Erlangen, 2Fraunhofer-Institute for Integrated Circuits IIS, Erlangen, Germany</p> | 309 |
| 15:45 | <p>THE CAUSE OF ASCENDING AORTIC DILATATION IN PATIENTS WITH BICUSPID AORTIC VALVE
F. Robicsek, R.F. Padera, M.J. Thubrikar, K.W. Lobdell, S.C. Stamou
Sanger Heart & Vascular Institute, Carolinas Medical Center, Charlotte, NC, USA</p> | 310 |
| 16:00 | <p>PREVALENCE OF MITRAL REGURGITATION BY FUNCTIONAL CLASS IN THE US ADULT POPULATION
A.P. Badiye, G. Robalino, J. Junttila, S. Atapattu, M. Nakamura, E. de Marchena, University of Miami, Miami, FL, USA</p> | 311 |

S32

Session

ARRHYTHMIA I: SUDDEN CARDIAC DEATH / IMPLANTABLE ANTIARRHYTHMIC DEVICES / PACING

Chairpersons: **F.I. Marcus**, Tucson, AZ, USA
M.H. Pitzalis, Greenville, NC, USA

Abstract No.

- | | | |
|-------|--|-----|
| 14:00 | VICTIMS OF SUDDEN CARDIAC DEATH WITH AMBIGUOUS AUTOPSIES: POTENTIAL FOR ERRONEOUS INTERPRETATION?
H. Raju , M. Papadakis, M. Govindan, R. Bastiaenen, N. Chandra, N. Edwards, A. O'Sullivan, M.N. Sheppard, E. Behr, S. Sharma
St George's University of London, UK | 312 |
| 14:15 | THE DIAGNOSTIC YIELD OF BRUGADA SYNDROME IN VICTIMS OF SUDDEN ARRHYTHMIC DEATH SYNDROME: AN UNDERESTIMATED ENTITY?
M. Papadakis , N. Chandra, H. Raju, R. Bastiaenen, A. O'Sullivan, T. Fonseca, E. Sawyer, N. van Niekerk, S. Sharma
St George's University of London & University Hospital Lewisham, UK | 313 |
| 14:30 | C-REACTIVE PROTEIN: A NEW MARKER OF ARRHYTHMIC EVENT IN BRUGADA SYNDROME?
A. Bonny , F. Larrazet, I. Ditah, F. Hidden-Lucet, G. Fontaine, R. Frank
Hopital Saint Camille, Bry Sur Marne, France | 314 |
| 14:45 | ECG SCREENING OF 32,000 YOUNG ADULTS FOR SUDDEN CARDIAC DEATH (SCD) UTILIZING TRAINED COMMUNITY VOLUNTEERS: REPORT OF OUR EXPERIENCE
J.C. Marek, J. Davis , V. Bufalino, K. Marek, Midwest Heart Foundation, Lombard, Illinois, USA | 315 |
| 15:00 | IS MINIMALLY INVASIVE LEFT VENTRICULAR EPICARDIAL LEAD IMPLANTATION THE BEST TREATMENT OPTION FOR BIVENTRICULAR PACING IN PATIENTS WITH HEART FAILURE?
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| 15:15 | SAFETY AND EFFECTIVENESS OF PRIMARY PROPHYLAXIS CARADIOVERTER-DEFIBRILLATORS IN OCTOGENERIANS
W.J. Strimel , S. Koplik, H.R. Chen, J. Song, S.K.S. Huang
Texas A&M University Health Science Center, Scott and White Hospital and Clinic: TX, USA | 317 |
| 15:30 | FALLING INCIDENCE OF VENTRICULAR FIBRILLATION INCIDENCE AMONG OUT-OF-HOSPITAL CARDIAC ARRESTS
J. Jensen , C. Torp-Pedersen, S.L. Nielsen, G.H. Gislason, F.K. Lippert, F. Folke
Copenhagen University Hospital, Gentofte, Denmark | 318 |
| 15:45 | OLDER AGE AND ANEMIA MAY PREVENT LEFT ATRIAL REVERSE REMODELING AFTER CARDIAC RESYNCHRONIZATION THERAPY
A.S. So, H.B. Mukhtar, T. McConnell, V. Cotarlan, C. Wenger, F. Maguire, J. Shirani , Geisinger Medical Center, Danville, PA, USA
M. Simon, J. Sperzel, Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany | 319 |

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14:00 – 16:45

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Hall D

Abstract No.

- 16:00 ONE-YEAR CHRONIC PERFORMANCE OF A 1.1MM ELECTRODE SPACING ATRIAL LEAD IN ICD RECIPIENTS (ASTER STUDY) **320**
K. Seidl, K.H. Kuck, H.J. Trappe, P. Santerelli, K. Hahlweg, F.K. Pohle, M. Simon, J. Sperzel
Cardiac Arrhythmia Institute at the Heart Centre of Ludwigshafen, Ludwigshafen, Germany
- 16:15 RISK FACTORS FOR REHOSPITALIZATION FOR SYNCOPE AND FOR LONG-TERM MORTALITY IN 325 CONSECUTIVE PATIENTS HOSPITALIZED FOR SYNCOPE **321**
S. Sule, C. Palaniswamy, W.S. Aronow, C. Ahn, S.J. Peterson, S. Adapa, L. Mudambi, **H. Lai**
New York Medical College, Valhalla, NY, USA
- 16:30 DIAGNOSIS OF UNEXPLAINED CARDIAC ARREST: ROLE OF LONG QT SYNDROME GENETIC SCREENING **322**
L. Tercedor-Sanchez, J. Jimenez-Jaimez, M. Alvarez-Lopez, R.S. Galdeano, R. Melgares-Moreno, Virgen de las Nieves Hospital, Granada, Spain
- 16:45 COFFEE BREAK, VISIT POSTERS AND EXHIBITION



Canada Place

PL: 13

Plenary Session

**HOW TO TREAT HEART FAILURE WHEN PILLS DON'T WORK ANYMORE /
CARDIAC SURGERY / MECHANICAL CIRCULATORY SUPPORT**

Chairpersons: **M.R. Johnson**, Madison, WI, USA
D.M. Meyer, Dallas, TX, USA

Abstract No.

16:45	CENTRALLY MEDIATED REGULATION OF SYMPATHETIC OUTFLOW IN HEART FAILURE: IMPROVING "NO BRAKES" WITH EXERCISE TRAINING? (Invited Lecture) K.P. Patel , University of Nebraska Medical Center, Omaha, NE, USA	323
17:00	SURGICAL TREATMENT OF HEART FAILURE: CURRENT STRATEGIES AND FUTURE DIRECTIONS (Invited Lecture) L.P. Perrault , S. Maltais, Montreal Heart Institute, Montreal, Canada	324
17:15	TRENDS IN HEART TRANSPLANTATION IN THE UNITED STATES – 1999 TO 2008 (Invited Lecture) M.R. Johnson , University of Wisconsin Medical School, Madison, WI, USA	325
17:30	PERMANENT MECHANICAL CIRCULATORY SUPPORT IN PATIENTS OF ADVANCED AGE (Invited Lecture) R. Hetzer , German Heart Institute, Berlin, Germany	326
17:45	CURRENT STATUS OF DESTINATION THERAPY IN THE MANAGEMENT OF END-STAGE HEART FAILURE (Invited Lecture) D.M. Meyer , University of Texas, Dallas, TX, USA	327
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18:15	IMPROVEMENT IN TWO YEAR SURVIVAL IN VENTRICULAR ASSIST DEVICE PATIENTS AFTER IMPLEMENTATION OF AN INTENSIVE SURVEILLANCE PROTOCOL (Invited Lecture) S.V. Pamboukian , R.N. Brown, W.L. Holman, J.A. Tallaj, R.C. Bourge, J.K. Kirklin University of Alabama at Birmingham, AL, USA	329
18:30	ULTRAFILTRATION THERAPY FOR HEART FAILURE: AN UPDATE FOR 2010 (Invited Lecture) A. Kazory , University of Florida, Gainesville, FL, USA	330

PL: 14

Plenary Session

CORONARY CIRCULATION - FROM PHYSIOLOGY TO CLINICAL
PATHOLOGY / ISCHEMIC PRECONDITIONING

Chairpersons: **G. Heusch**, Essen, Germany

L. Kuo, Temple, TX, USA

Abstract No.

- | | | |
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| 16:45 | WHAT IS CORONARY BLOOD FLOW RESERVE? ROLE OF CAPILLARIES (Invited Lecture)
S. Kaul , Oregon Health & Science University, Portland, OR, USA | 331 |
| 17:00 | CORONARY MICROEMBOLIZATION- BEDSIDE TO BENCH AND BACK TO BEDSIDE (Invited Lecture)
G. Heusch , P. Kleinbongard, D. Boese, R. Schulz, R. Erbel
University of Essen Medical School, Essen, Germany | 332 |
| 17:15 | REGULATION OF CORONARY MICROCIRCULATION BY ADENOSINE: FROM PHYSIOLOGY TO PATHOPHYSIOLOGY (Invited Lecture)
L. Kuo , T.W. Hein, Texas A&M Health Science Center, Temple, TX, USA | 333 |
| 17:30 | VASOMOTOR SYMPTOMS AND CORONARY ARTERY CALCIUM (Invited Lecture)
M.A. Allison , J.E. Manson, A. Aragaki, R.D. Langer, J. Rossouw, M.L. Stefanick, B.B. Cochrane, M.J. O'Sullivan, K.C. Johnson, M. Trevisan
University of California, San Diego, La Jolla, CA, USA | 334 |
| 17:45 | MECHANISM OF ACS ONSET - INSIGHT FROM ANGIOSCOPY (Invited Lecture)
Y. Ueda , K. Matsuo, K. Kashiwase, A. Hirata, M. Nishio, T. Nemoto, M. Wada, T. Kashiyama, K. Kodama
Osaka Police Hospital, Osaka, Japan | 335 |
| 18:00 | PHOSPHORYLATION OF ARC IS A CRITICAL ELEMENT IN THE ANTI-APOPTOTIC EFFECT OF ANESTHETIC PRECONDITIONING
X. Lu, P.G. Moore, H. Liu, S. Schaefer , University of California, Davis, CA, USA | 336 |
| 18:15 | FISH OIL INDUCED INCREASE IN MEMBRANE PEROXIDATION POTENTIAL PARADOXICALLY PROMOTES PRECONDITIONING
P.L. McLennan , G.G. Abdukeyum, A.J. Owen, T.A. Larkin,
University of Wollongong, Wollongong, NSW, Australia | 337 |
| 18:30 | REMOTE NOCICEPTOR-INDUCED CONDITIONING: PROTECTING THE HEART VIA THE SKIN
X. Ren, T. Helmy, M. Leesar, J. Rubenstein, Y. Liu, L. Haar, T. Forde, M. Tranter, N.L. Weintraub, W.K. Jones , University of Cincinnati, Cincinnati, OH, USA | 338 |

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Session

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

Chairpersons: **N.E. Bowles**, Salt Lake City, UT, USA
K.N. Pandey, New Orleans, LA, USA

Abstract No.

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|-------|---|-----|
| 16:45 | A ROLE FOR TOLL-LIKE RECEPTOR 3 VARIANTS IN HOST SUSCEPTIBILITY TO ENTEROVIRAL MYOCARDITIS AND DILATED CARDIOMYOPATHY
C. Gorbea, K.A. Makar, M. Pauschinger, H.P. Schultheiss, J.A. Towbin, J.G. Vallejo, N.E. Bowles , University of Utah, Salt Lake City, UT, USA | 339 |
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D. Shiffman , J.Z. Louie, C.M. Rowland, M.J. Malloy, J.P. Kane, J.J. Devlin Celera, Alameda, CA, USA | 340 |
| 17:15 | MYOCARDIAL REGENERATION STUDY: IN VITRO COMPARISON OF HUMAN FETAL PLACENTA VERSUS BONE MARROW DERIVED MESECHYMAL STEM CELLS
D. Xu , M.N. Duong, B.L. Yen, C. Renzo, R. Chiu
McGill University-Montreal General Hospital, Montreal, QC, Canada | 341 |
| 17:30 | GENETIC POLYMORPHISMS AND PLASMA LEVELS OF MATRIX METALLOPROTEINASES IN ACUTE MYOCARDIAL INFARCTION
S.M.H. Ghaderian , R. A.kbarzadeh Najar, A.S. Tabatabaei Panah, H. Vakili Shahid Beheshti University of Medical Sciences and Health Services, Iran | 342 |
| 17:45 | REGENERATION OF INFRACTED MYOCARDIUM WITH NUTRITIONALLY MODIFIED CARDIAC STEM CELLS
D.K. Das , Cardiovascular Research Center, University of Connecticut, CT, USA | 343 |

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Session

ARRHYTHMIA II: DIAGNOSES, DRUG THERAPY/ ABLATION

Chairpersons: **F. Duru**, Switzerland
A. Roth, Tel Aviv, Israel

Abstract No.

- | | | |
|-------|--|-----|
| 16:45 | CLINICAL IMPACT OF IMAGE INTEGRATION SYSTEM FOR CATHETER ABLATION OF PERSISTENT/PERMANENT ATRIAL FIBRILLATION
P.F. Pollice , F.A. Fabiani, S.E. Saad, P.P. Pollice, University of Berne, Switzerland | 344 |
| 17:00 | PREDICTORS AND OUTCOME OF HOSPITALIZED PATIENTS WITH ATRIAL FIBRILLATION AND ELEVATED CARDIAC ENZYMES
K.L. Vinales , H.P. Chaliki, M.Q. Najib, P. Surapaneni, V. Marupakula Mayo Clinic, Scottsdale, AZ, USA | 345 |
| 17:15 | ATRIAL FIBRILLATION: HOW FAR WE ARE FROM IDEAL MANAGEMENT?
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| 17:30 | ABLATION OF PERSISTENTLY INDUCIBLE AV NODAL REENTRY TACHYCARDIA UTILIZING A LEFT ATRIAL APPROACH
R.C. Klein , McKay-Dee Hospital Center, Ogden, Utah, USA | 347 |
| 17:45 | THE RELATIONSHIP OF LEFT ATRIUM LINEAR DIMENSIONS TO LEFT ATRIUM VOLUME MEASURED BY CARDIAC MULTI-DETECTOR COMPUTED TOMOGRAPHY (MDCT) IN PATIENTS WITH ATRIAL FIBRILLATION
E.A. Charaf, S. Verma , University of South Alabama, Mobile, Alabama, USA | 348 |
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K. Agusala , A. Oesterle, T. Caprio, R. Passman, Northwestern Memorial Hospital, Chicago, IL, USA | 349 |



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MOLECULAR AND CELLULAR CARDIOLOGY, BASIC RESEARCH

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St John Hospital & Medical Center, Wayne State University, USA
- 2 THE ANTI-OXIDATIVE EFFECT OF PROPOFOL ON ANGIOTENSIN-II INDUCED APOPTOSIS IN NEONATAL RAT CARDIOMYOCYTES 351
K.L. Wong, C.W. Cheung, Y.M. Leung, D.Y. Lu, T.H. Cheng
Department of Anesthesiology, and Institute of Clinical Medical Sciences, and Research Group of Cardiovascular Biology, China Medical University and Hospital, Taichung, Taiwan
- 3 GPRE-CONDITIONING H IN MICE FETAL HEART AFFECTED BY MATERNAL MALNUTRITION 352
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- 4 HUMAN CARDIAC KV4.3 CHANNELS ARE REGULATED BY EGFR KINASE AND SRC-FAMILY KINASES 353
Y.H. Zhang, C.P. Lau, G.R. Li, The University of Hong Kong, Hong Kong
- 5 CHRONOLOGICAL STUDY OF CELLULAR DEATH IN SITU IN GUINEA PIG HEART SUBJECTED TO DIGITALIC INTOXICATION 354
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Instituto Nacional de Cardiologia "Ignacio Chavez", Mexico
- 6 ONE GENE, TWO DISEASES: SCN5A AND ITS ROLE IN LONG QT AND BRUGADA SYNDROMES 355
J.L. Neo, P.L. Chong, S.H. Yap, L.S.H. Gan, Y.Y. Yong, M. Uttamchandani
DSO National Laboratories, Singapore, Singapore
- 7 HYPOXIC STRESS IN CYSTATHIONINE GAMMA-LYASE-DEFICIENT SMOOTH MUSCLE CELLS 482
S.A. Bryan, G. Yang, R. Wang, **N. Khaper**
Lakehead University, Thunder Bay, ON, Canada

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ECHOCARDIOGRAPHY**

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10	A NOVEL TWO-DIMENSIONAL ECHOCARDIOGRAPHIC FINDING IN CARDIAC AMYLOIDOSIS R.N. Belkin, A.C. Kupersmith, O.K. Khalique , W.S. Aronow, K. Chilappa, C. Palaniswamy, W.D. Rosenblum, A. Gass, T. Ahmed, U.S. Katta New York Medical College and Westchester Medical Center, Valhalla, NY, USA	358
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13	ECHOCARDIOGRAPHY FOR PROCEDURAL GUIDANCE: A UNIVERSITY EXPERIENCE T.W. Smith , W.J. Bommer, UC Davis, Sacramento, CA, USA	361
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16	INFLUENCE OF WHITE COAT HYPERTENSION ON THE DEVELOPMENT SUSTAINED HYPERTENSION IN CHILDREN AND ADOLESCENTS C. Esis , M. Bracho, E. Silva, A. Gonzalez, J. Villasmil, S. Briceno, G. Bermudez Instituto de Enfermedades Cardiovasculares, Universidad del Zulia, Maracaibo, Venezuela	364
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18	CARDIAC AUTONOMIC DYSFUNCTION IN TREATED HYPERTENSIVES N.K. Agarwal , S.K. Agarwal, Agarwal Health Center, East Orange, NJ, USA	366

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20	RELATION OF THE BRACHIAL-ANKLE PULSE WAVE VELOCITY TO LEFT VENTRICULAR DIASTOLIC FUNCTION K.J. Lee , W.S. Lee, S.W. Kim, T.H. Kim, C.J. Kim, W.S. Ryu College of medicine, Chung-Ang University, Seoul, Korea	368
21	DIAGNOSIS, TREATMENT, AND REFERRAL OF HYPERTENSION IN AN EMERGENCY DEPARTMENT BEFORE AND AFTER AN EDUCATIONAL PROGRAM T. Shah , W.S. Aronow, S.J. Peterson, D. Goldwag, New York Medical College, Valhalla, NY, USA	369
22	EXERCISE TRAINING TEST IN ANTIHYPERTENSION THERAPY T.E. Tulintseva, E.V. Parmon , E.R. Berngardt, T.V. Treshkur, E.V. Shlyakhto The Federal Heart, Blood and Endocrinology centre named after V.A. Almazov, St. Petersburg, Russia	370
23	OBESSE HYPERTENSIVES REBOUND SBP LEVELS FASTER UPON ANTIHYPERTENSIVE DISCONTINUATION IN LATIN AMERICA M. De Britto Pereira , MSD Latin America Office, Mexico	371
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24	IMPROVING THE ASSAY FOR DETERMINATION OF DYSFUNCTIONAL HIGH DENSITY LIPOPROTEINS (HDL): DETERMINATION OF HDL FUNCTION USING A CELL FREE ASSAY M. Navab , J.Y. Yu, S. Hama, G. Hough, David Geffen School of Medicine, University of California, Los Angeles, USA	372
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Poster Session

PEDIATRIC CARDIOLOGY AND CARDIAC SURGERY/CONGENITAL HEART DISEASE

Board No.

Abstract No.

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| 27 | <p>PREVALENCE OF EARLY RHEUMATIC HEART DISEASE IN RURAL GUYANESE AMERINDIAN CHILDREN AS DETECTED BY ECHOCARDIOGRAPHIC SCREENING</p> <p>S.N.L. Roth, L. Aronson, L. Craw, F. Fernandes, E. Koelink, J. Longtin, N. Musewe, B. Ortuoste, N.R. Saunders, M. Silverman, University of Toronto, Toronto, ON, Canada</p> | 375 |
| 28 | <p>PATHOPHYSIOLOGY OF CORONARY BLOOD FLOW IN CONGENITAL HEART DISEASE - TRANSTHORACIC DOPPLER ECHOCARDIOGRAPHY STUDY</p> <p>E.H. Aburawi, E. Pesonen
United Arab Emirates University, Faculty of Medicine and Health Science, Al-Ain, UAE</p> | 376 |
| 29 | <p>INTRA CRANIAL BYPASS OF AN AORTIC ARCH INTERRUPTION WITHOUT COMPENSATORY CARDIAC ANOMALY</p> <p>B. Leobon, D. Roux, S. Bonnet, V. Chabbert, Y. Aggoun, G. Brierre, Y. Dulac, P. Acar, Hopital des Enfants, France</p> | 377 |
| 30 | <p>THE CHOICE OF NORMATIVE BASE FOR THE ASSESSMENT OF THE AORTIC VALVE'S DIAMETER</p> <p>L.A. Bockeria, O.A. Makhachev, T.Y. Philipkina, M.S. Panova, T.L. Berezina, S.B. Zaets, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia</p> | 378 |
| 31 | <p>HEART VALVE REPLACEMENT AFTER SURGICAL INTERVENTIONS ON VALVES</p> <p>V.P. Podzolkov, A.M. Nosachev, I.I. Kagramanov, I.A. Yurlov, I.S. Solyanik, T.Y. Danilov, T.O. Astrakhantseva, S.B. Zaets
Bakoulev Center for Cardiovascular Surgery, Moscow, Russia</p> | 379 |



INTERNATIONAL ACADEMY OF CARDIOLOGY
15th WORLD CONGRESS ON
HEART DISEASE
ANNUAL SCIENTIFIC SESSIONS 2010

VANCOUVER, BC, CANADA, July 24-27, 2010

**SCIENTIFIC
PROGRAM**

Tuesday, July 27, 2010

PL: 15

Plenary Session
WHAT IS NEW IN CARDIOMYOPATHIES?

Chairpersons: **U. Elkayam**, Los Angeles, CA, USA
M.A. Rossi, Ribeirao Preto, Brazil

Abstract No.

08:30	LEADS FROM MEDICINAL PLANTS TO TREAT DIABETIC CARDIOMYOPATHY (Invited Lecture) R.K. Goyal , The Maharaja Sayajirao University of Baroda, Gujarat, India	380
08:45	IS DOXORUBICIN-INDUCED CARDIOMYOPATHY A DYSTROPHINOPATHY? (Invited Lecture) E.C. Campos, J.L. O'Connell, C.M. Prado, M.R. Celes, L.M. Malvestio, M.V. Simoes, M.A. Rossi , University of Sao Paulo, Ribeirao Preto, Brazil	381
09:00	RELATIONSHIP BETWEEN LEFT VENTRICULAR EJECTION FRACTION AND RECOVERY OF VENTRICULAR FUNCTION IN WOMEN WITH PERIPARTUM CARDIOMYOPATHY (Invited Lecture) U. Elkayam , University of Southern California, Los Angeles, CA, USA	382
09:15	PATHOGENESIS OF PARVO B19 (B19V) INDUCED INFLAMMATORY CARDIOMYOPATHY (DCMI) H-P. Schultheiss , Charite – University Medicine Berlin, Campus Benjamin Franklin, Medical Clinic II, Cardiology, Berlin, Germany	383
09:30	A NOVEL STRATEGY TO ELUCIDATE COMPLEX PATHOGENESIS OF HCM SUBSET PROGRESSING TO THE DILATED PHASE, BASED ON THE AUTOPSY FINDINGS, GENOME-WIDE MASS-SCREENING AND BIOINFORMATICS (Invited Lecture) T. Toyo-oka , M. Kobayashi, K. Takazawa, T. Tanaka, S. Kostin, T. Izumi, J. Schaper, Y. Nakamura, University of Tokyo, Japan	384
09:45	A PREFERRED TIME FOR ONSET OF TAKO-TSUBO CARDIOMYOPATHY? (Invited Lecture) R. Manfredini , Hospital of Delta, Lagosanto, and University of Ferrara, Italy	385
10:00	MYOCARDIAL ISCHEMIA IN HYPERTROPHIC CARDIOMYOPATHY (Invited Lecture) J. Shirani , Geisinger Medical, Danville, PA, USA	386
10:15	ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA: MORE COMMON THAN PREVIOUSLY THOUGHT (Invited Lecture) S.N. Koulouris , Evangelismos Hospital, Athens, Greece	387
10:30	REVERSE OR INVERTED TAKO-TSUBO CARDIOMYOPATHY (REVERSE LEFT VENTRICULAR APICAL BALLOONING SYNDROME) PRESENTS AT A YOUNGER AGE COMPARED TO MID OR APICAL VARIANT AND IS ALWAYS ASSOCIATED WITH TRIGGERING STRESS R. Ramaraj , M.R. Movahed, University of Arizona, Tucson, AZ, USA	388
10:45	ADIPONECTIN EXPRESSION IN PATIENTS WITH INFLAMMATORY CARDIOMYOPATHY INDICATES FAVOURABLE OUTCOME AND INFLAMMATION CONTROL C. Skurk , P. Bobbert, A. Jenke, J. Stehr, S. Wilke, U. Eriksson, H.P. Schultheiss, C. Scheibenbogen, Charite, Berlin, Germany	389
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

PL: 16

Plenary Session

CARDIOVASCULAR EPIDEMIOLOGY / ROLE OF LIFESTYLE CHANGES /
MODIFICATION OF DYSLIPOPROTEINEMIA

Chairpersons: **M.H. Criqui**, La Jolla, CA, USA
A. Klatsky, Oakland, CA, USA

Abstract No.

08:30	INCREASING LIFE EXPECTANCY IN THE WESTERN WORLD AND THE ROLE OF CARDIOVASCULAR PREVENTION (Invited Lecture) U. Keil , University of Muenster, Muenster, Germany	390
08:45	AN UPDATE ON CARDIOVASCULAR DISEASE RISK PREDICTION FROM THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (Invited Lecture) M.H. Criqui , University of California, San Diego, La Jolla, CA, USA	391
09:00	WINE, BEER, AND CARDIOVASCULAR CONDITIONS: SCIENTIFIC TRUTHS IN A NEW DECADE (Invited Lecture) A. Klatsky , Kaiser Permanente Medical Center, Oakland, CA, USA	392
09:15	CARDIOVASCULAR DISEASE IN THE ASIANS - PHARMACOGENETIC DIFFERENCES (Invited Lecture) G.L. Fung , UCSF Medical Center at Mt. Zion, San Francisco, CA, USA	393
09:30	GENDER DIFFERENCES IN EXERCISE TESTING IN A CARDIOLOGY PRACTICE (Invited Lecture) Y. Charuzi , J. Mirocha, T.W. Lang, R. Williams, UCLA School of Medicine, Los Angeles, CA, USA	394
09:45	IS THERE EVIDENCE FOR THERAPEUTIC GOALS BEYOND LDL-C? (Invited Lecture) J.G. Robinson , University of Iowa, Iowa City, IA, USA	395
10:00	CARBAMYLATED LDL - MISSING LINK BETWEEN UREMIA AND ATHEROSCLEROSIS (Invited Lecture) A.G. Basnakian , S.V. Shah, E.O. Apostolov, University of Arkansas for Medical Sciences, Little Rock, AR, USA	396
10:15	EFFICACY AND SAFETY OF LONG-TERM ROSUVASTATIN TREATMENT IN HIGH CARDIOVASCULAR RISK PATIENTS (Invited Lecture) S. Chumburidze , National Center of Therapy, Tbilisi, Georgia	397
10:30	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	

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Session
INTERVENTIONAL CARDIOLOGY

Chairpersons: **D. Jain**, Lubeck, Germany
B.F. Uretsky, Little Rock, AR, USA

Abstract No.

- | | | |
|-------|--|-----|
| 08:30 | IN-SITU ENDOTHELIALISATION POTENTIAL OF A NOVEL NANOCOMPOSITE POLYMER COATING FOR CORONARY STENTS
R. Bakhshi , H. Ghanbari, M. Marashi, A. Darbyshire, G. Hamilton, A.M. Seifalian, Division of Surgery and Interventional Science, University College London, UK | 398 |
| 08:45 | IN-HOSPITAL OUTCOMES OF CONTEMPORARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH CHRONIC TOTAL OCCLUSION
H. Tanaka , Y. Morino, T. Kimura, Y. Hayashi, T. Muramatsu, M. Ochiai, Y. Noguchi, K. Kato, Y. Shibata, Y. Hiasa, O. Doi, T. Yamashita, T. Morimoto, M. Abe, T. Hinohara, K. Mitsudo, For the J-CTO Registry Investigators, Kurashiki Central Hospital (HT, MK), Kurashiki, Japan | 399 |
| 09:00 | 36-MONTH CLINICAL OUTCOME OF PROSPECTIVE MULTI-CENTER REGISTRY OF EXCEL BIODEGRADABLE POLYMER DRUG ELUTING STENTS (CREATE)
Y-L. Han , Q-M. Jin, X-M. Shang, L-X. Yang, W-M. Li, H-L. Liu, Z-Q. Li, T-M. Jiang, L. Huang, Y-D. Chen
Shenyang Northern Hospital, Shenyang, China | 400 |
| 09:15 | DOES GENDER INFLUENCE RESTENOSIS AFTER CAROTID ARTERY STENTING?
D. Mannheim , T. Salamon, R. Karmeli, Carmel Medical Center, Haifa, Israel | 401 |
| 09:30 | OUTCOMES OF ROBOT-ASSISTED VASCULAR SURGERY, 150 CASES
P. Stadler , L. Dvoracek, P. Vitasek, P. Matous
Na Homolce Hospital, Prague, Czech Republic | 402 |
| 09:45 | OUTCOME OF DRUG-ELUTING STENT IN HIV-INFECTED PATIENTS
N. Jallad, A. QaQa, J. Daoko, E. Alberaqdar, A. Hamdan, A. Al-Dehneh , M. Bikkina, F. Shamoon
St Michaels Medical Center/Seton Hall University, Newark, NJ, USA | 403 |
| 10:00 | COMPARISON OF RADIATION DOSE IN FEMORAL AND RADIAL ARTERIAL ACCESS CORONARY PROCEDURES; THE EFFECT OF OPERATOR EXPERIENCE
J. Neill, H. Douglas, G. Richardson, E. Chew, S. Walsh , C. Hanratty, N. Herity
Belfast City Hospital Cardiology Centre, Belfast, Northern Ireland, UK | 404 |
| 10:15 | RADIATION DOSE DURING CORONARY ANGIOGRAPHY: CORRELATION TO BMI
A. Shah , P.K. Das, E. Subkovas, M. Payne, A. Azzu, Rees M, C.M. Bellamy
Glan Clwyd Hospital, Bodelwyddan, UK | 405 |

08:30 – 11:00	S35 (cont.)	Hall C
		Abstract No.
10:30	PRE-PCI ATORVASTATIN: A RANDOMIZED STUDY J. Veselka , D. Zemanek, L. Martinkovicova, M. Maly, P. Hajek, R. Adlova, D. Tesar CardioVascular Center, University Hospital Motol, Prague, Czech Republic	406
10:45	ALTERNATE DAY CLOPIDOGREL THERAPY IS EFFICACIOUS TO PREVENT LATE STENT THROMBOSIS WITH DRUG ELUTING STENTS S. Sharma , K. Bhalla, B. Bhambji, W. Nyitray, K. Desai, R. Sharma, A. Antonescu, T. Ishimori, Central Cardiology/Bakersfield Heart Hospital, CA, USA	407
11:00	COFFEE BREAK, VISIT POSTERS AND EXHIBITION	



Tourism Vancouver/Dannielle Hayes

PL: 17

Plenary Session

NEW DIRECTIONS IN THE TREATMENT OF ISCHEMIC HEART DISEASE /
INTERVENTIONAL CARDIOLOGY

Chairpersons: **J.H. Chesebro**, Worcester, MA, USA
U. Thadani, Oklahoma City, OK, USA

Abstract No.

11:00	TREATMENT OF STABLE ANGINA: UPDATE 2010 (Invited Lecture) U. Thadani , University of Oklahoma, Oklahoma City, OK, USA	408
11:15	CHEST PAIN EVALUATION IN THE EMERGENCY DEPARTMENT (Invited Lecture) J.H. Chesebro , Umass Memorial Medical School and Medical Center, Worcester, MA, USA	409
11:30	PCI IN THE MANAGEMENT OF PATIENTS WITH IMPAIRED LEFT VENTRICULAR FUNCTION G.W. Vetrovec Virginia Commonwealth University, Richmond, VA, USA	410
11:45	CURRENT STATUS OF ELECTIVE LEFT MAIN STENTING (Invited Lecture) B.F. Uretsky , University of Arkansas for Medical Sciences, Little Rock, AR, USA	411
12:00	SERUM SRAGE, A PREDICTOR OF RESTENOSIS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION (Invited Lecture) K. Prasad , E.D. McNair, C.R. Wells, A.M. Qureshi, R. Basran, C. Pearce, J. Orvold, J. Devilliers, J.F. Lopez University of Saskatchewan, Saskatoon, Canada	412
12:15	TIPS, TRICKS AND PITFALLS IN ACUTE PERCUTANEOUS CORONARY INTERVENTIONS (Invited Lecture) D. Jain , Medizinische Klinik II Universitätsklinikum, Lubeck, Germany	413
12:30	CARDIO CEREBRAL RESUSCITATION FOR WITNESS CARDIAC ARREST VICTIMS (Invited Lecture) M.R. Movahed , University of Arizona Sarver Heart Center, Tucson, AR, USA	414
12:45	ACUTE MYOCARDIAL INFARCTION IN CHILE BEFORE AND AFTER THE CHILEAN HEALTH REFORM (Invited Lecture) R.A. Diaz , University of Valparaiso, Chile	415
13:00	THE SUCCESS OF REGIONALIZED STEMI RECEIVING CENTER NETWORKS (Invited Lecture) I.C. Rokos , Geffen School of Medicine at UCLA, Los Angeles, CA, USA	416
13:15	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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**Plenary Session
VALVULAR HEART DISEASE**

Chairpersons: **N.M. Rajamannan**, Chicago, IL, USA
J. Ye, Vancouver, BC, Canada

Abstract No.

11:00	EPIDEMIOLOGY OF CALCIFIC AORTIC VALVE DISEASE (Invited Lecture) K.D. O'Brien , University of Washington, Seattle, WA, USA	417
11:15	DESIGNING CLINICAL TRIALS IN VALVULAR HEART DISEASE: FROM BENCH TO BEDSIDE (Invited Lecture) N.M. Rajamannan , Northwestern University Feinberg School of Medicine, Chicago, IL, USA	418
11:30	ADVANCES IN HEART VALVE SURGERY: TRANSCATHETER TRANSCARDIAC APPROACHES (Invited Lecture) J. Ye , Columbia St. Paul's Hospital, Vancouver, BC, Canada	419
11:45	VALVULAR HEART DISEASE; ECHOCARDIOGRAPHY VS CARDIAC MRI (Invited Lecture) R.W.W. Biederman , Allegheny General Hospital, Pittsburgh, PA, USA	420
12:00	EPIDEMIOLOGY OF VALVULAR HEART DISEASES. THE PROBLEM IS GROWING (Invited Lecture) P. Supino , J.S. Borer, A.K. Goon, State University of New York (SUNY), NY, USA	421
12:15	INCIDENCE OF EMBOLIC CEREBRAL INSULTS AFTER PERCUTANEOUS TRANSCATHETER AORTIC VALVE REPLACEMENT D.S. Ropers , S. Ensminger, R. Feyrer, J. Ludwig, A. Doerfler, M. Arnold University of Erlangen, Germany	422
12:30	4D FLOW MRI EVALUATION OF BICUSPID AORTIC VALVE PATIENTS: ASYMMETRICALLY ELEVATED WALL SHEAR STRESS M.D. Hope , T.A. Hope, A.K. Meadows, K.G. Ordovas, T.H. Urbania, M.T. Alley, C.B. Higgins, UCSF, San Francisco, CA, USA	423
12:45	RISK FACTORS DETERMINING OUTCOME AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION: ANALYSIS OF 300 PATIENTS R. Bauernschmitt , S. Bleiziffer, H. Ruge, D. Mazzitelli, A. Hutter, A. Opitz, G. Brockmann, I. Hettich, R. Lange, German Heart Center, Munich, Germany	424
13:00	TRANSCATHETER AORTIC VALVE IMPLANTATION – INFLUENCE OF A LEARNING CURVE ON CLINICAL OUTCOMES M. Thielmann, D. Wendt , P. Kahlert, P. Tossios, H. Eggebrecht, R. Erbel, H. Jakob, West German Heart Center, Essen, NRW, Germany	425
13:15	TRANSCATHETER DEVICE CLOSURE OF PERIVALVULAR REGURGITATION B.A. Love , A. Mitnacht, G.W. Fischer, J. Kalman, D.H. Adams Mount Sinai Medical Center, New York, NY, USA	426
13:30	LUNCH BREAK, VISIT POSTERS AND EXHIBITION	

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Session

METABOLIC SYNDROME, TYPE II DIABETES AND ATHEROSCLEROSIS

Chairpersons: **Y. Charuzi**, Los Angeles, CA, USA
U. Keil, Muenster, Germany

Abstract No.

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|-------|--|-----|
| 11:00 | NUCLEAR AND MITOCHONDRIAL TRANSLOCATION OF PHOSPHORYLATED PKC α ASSOCIATES WITH TUNEL-POSITIVE AND UROCORTINNEGATIVE STAINING IN THE HUMAN HEART FROM DIABETIC PATIENTS UNDERGOING ON-PUMP CARDIAC SURGERY
C. Chen-Scarabelli, S. Saravolatz, L.D. Saravolatz II, G.M. Scarabelli, G. Chen, J. Di Rezze, L. Saravolatz, T.M. Scarabelli , VA Medical Center, Ann Arbor, University of Michigan, MI, USA | 427 |
| 11:15 | INDEPENDENT CONTRIBUTION OF THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE TO THE CARDIOMETABOLIC RISK IN WOMEN
J. Methot , D. Brisson, D. Gaudet
Department of Medicine, Université de Montréal, Montréal, Canada | 428 |
| 11:30 | RELATIONSHIP BETWEEN FASTING PLASMA GLUCOSE AND HEMOGLOBIN A1C AND PREDICTING DIABETES: THE STRONG HEART STUDY
J.W. Wang , E.T. Lee
Center for American Indian Health Research, College of Public Health, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA | 429 |
| 11:45 | LOW DENSITY LIPOPROTEIN FROM LDL RECEPTOR NULL MICE IS SUCEPTIBLE TO OXIDATIVE MODIFICATION
K. Navab , S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA | 430 |
| 12:00 | THE ASSOCIATION OF ADIPONECTIN WITH THE METABOLIC SYNDROME IN WOMEN IS INDEPENDENT OF THE MENOPAUSAL STATUS
Y. Loucif , J. Méthot, D. Brisson, D. Gaudet
Université de Montréal, ECOGENE-21 Clinical research Center, Chicoutimi Hospital, Chicoutimi, Quebec, Canada | 431 |
| 12:15 | CAN EVIDENCE BASED THERAPY REDUCE DISPARITY OF OUTCOMES BETWEEN DIABETIC MEN AND WOMEN?
A.S. Volgman, A. Khandelwal , L. Fogg, G.L. Schaer, L. Li, S. Sahota, T. Bornstein, E. Frankel, P. Patel, J.E. Calvin
Rush University Medical Center, Chicago, IL, USA | 432 |
| 12:30 | LUNCH BREAK, VISIT POSTERS AND EXHIBITION | |

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Poster Session

NUCLEAR CARDIOLOGY/ POSITRON EMISSION TOMOGRAPHY/ CARDIAC CT AND MRI

Board No.		Abstract No.
1	EVALUATION OF CORONARY ARTERY DISEASE COMPLICATED BY THORACIC AORTIC DISEASE BY WIDE-VOLUME SCAN USING 320-ROW CT K. Morishige , T. Yamawaki, H. Tashiro, St. Mary's Hospital, Kurume, Japan	433
2	RELATION OF LEFT ATRIAL BODY AND LEFT ATRIAL APPENDAGE VOLUMES WITH CLINICAL PATTERN OF AF S. Verma , E. Charaf, N. Garg, Cardiology Consultants, Pensacola, FL, USA	434
3	IS IT SAFE TO USE REGADENOSON FOR PHARMACOLOGIC STRESS MYOCARDIAL PERFUSION IMAGING IN END STAGE RENAL DISEASE PATIENTS ON DIALYSIS? FIRST CLINICAL REPORT OF 12 PATIENTS Z. Husain, G. Palani , A. Karthikeyan, V. Karthikeyan, K. Ananthasubramaniam St Joseph Mercy Oakland, Pontiac, MI, USA	435
4	CT ANGIOGRAPHY AND AORTIC ARCH ATHEROSCLEROSIS D.J. Capampangan, A. Patel, S.J. Lester, L.A. Pearce, B.M. Demaerschalk, D.W. Dodick, T.E. Kiernan, T.J. Ingall, M.I. Aguilar , Mayo Clinic, Phoenix, AZ, USA	436
5	DOES PERIPROCEDURAL MYONECROSIS AFTER MAIN VESSEL STENTING OF CORONARY BIFURCATIONS OCCUR? ASSESSMENT BY MEANS OF MRI DELAYED ENHANCEMENT A. Michalek, D.I. Vassilev, R.J. Gil , T. Pawlowski, T. Kulawik Central Hospital of the Internal Affairs and Administration Ministry, Poland	437

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Poster Session

ACUTE MYOCARDIAL INFARCTION / REPERFUSION THERAPY

6	EFFECT OF EARLIER DOOR TO BALLOON TIMES ON USE OF ADJUNCTIVE MEDICATIONS, AND RESULTANT PROCEDURAL SUCCESS IN STEMI J.R. Cook , L.W. Klein, J. Chow, R. Marok, P.J. Stecy, K. Magurany Illinois Masonic Medical Center, Chicago, IL, USA	438
7	MECHANISM OF ELECTRICAL STIMULATION-INDUCED PRE- AND POST-CONDITIONING X. Ren , Y. Liu, M. Tranter, M. Wilhide, T. Forde, L. Haar, K. Jones University of Cincinnati, OH, USA	439
8	THROMBUS ASPIRATION IN AMI PATIENTS AFTER SYSTEMIC TLT COMBINED WITH EMERGENCY PCI D.G. Iosseliani, A.G. Koledinsky , D.G. Gromov, N.V. Kuchkina, R.V. Zeynalov Moscow City Center of Interventional Cardioangiologiy, Moscow, Russia	440
9	NEIGHBORHOOD VARIATION IN RATE OF REVASCULARIZATION AMONG ACUTE MYOCARDIAL INFARCTION PATIENTS IN NEW YORK CITY A. Negassa , Albert Einstein College of Medicine, Bronx, NY, USA	441

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Poster Session
INTERVENTIONAL CARDIOLOGY II

Board No.		Abstract No.
10	PREDICTORS OF CORONARY INTERVENTION-RELATED MYOCARDIAL INFARCTION IN STABLE ANGINA PATIENTS PRETREATED WITH STATINS J. Veselka, P. Hajek, M. Maly, D. Zemanek, R. Adlova, D. Tesar, L. Martinkovicova, P. Tomasov, CardioVascular Center, University Hospital Motol, Prague, Czech Republic	442
11	OUTCOMES OF PCI IN NONAGENARIANS C.N. Ionescu, M. Amuchastegui, S.C. Ionescu, C.B. Marcu, A. Ghantous, S. Reddy Hospital of Saint Raphael, New Haven, CT, USA	443
12	CLINICAL AND ELECTROCARDIOGRAPHIC CORRELATES OF NORMAL CORONARY ANGIOGRAPHY IN PATIENTS REFERRED FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION S.B. Prasad, D.A. Richards, N. Sadick, A.T. Ong, A. Narayan, P. Kovoor Westmead Hospital, Sydney, Australia	444
13	IMPACT OF RISK FACTORS ON VASCULAR COMPLICATIONS AFTER PRECUTANEOUS CORONARY INTERVENTIONS IN SHAHEED RAJAEI HEART CENTER A.A. Yusefi, H. Farshidi, M. Madani, F. Shakeryan, H.R. Sanati, A. Firoozi, N. Salehi, Hormozgan University, Bandar Abbass, Hormozgan, Iran	445
14	THE FACTORS ASSOCIATED WITH STENOSIS DEGREE IN CORONARY BIFURCATIONS INFLUENCE RESTENOSIS RATES AFTER SINGLE STENT IMPLANTATION IN CORONARY BIFURCATION LESIONS D.I. Vassilev, R.J. Gil, A. Michalek, T. Kulawik, T. Pawlowski Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland	446
15	LONG-TERM FOLLOW UP OF PATIENTS TREATED WITH PACLITAXEL-ELUTING STENTS WITH BIOSTABLE POLYMER VERSUS BIORESORBABLE POLYMER L.A. Inigo-Garcia, C. Medina-Palomo, T. Gil-Jimenez, O. Sanz-Vazquez, M. Pombo-Jimenez, J.F. Munoz-Bellido, P. Chinchurreta-Capote, B. Zaya-Ganformina, J.R. Siles-Rubio, F. Ruiz-Mateas, Hospital Costa del Sol, Marbella, MA, Spain	447

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Poster Session

DIABETES MELLITUS, THE METABOLIC SYNDROME AND
ATHEROSCLEROSIS: BASIC AND CLINICAL II

Board No.		Abstract No.
16	THE EFFECT OF INSULIN ON INTRACELLULAR NA ⁺ HOMEOSTASIS IN ISOLATED CARDIOMYOCYTES FROM DIABETIC RATS A. Bilginoglu, H.B. Kandilci, B. Turan , Ankara University, Ankara, Turkey	448
17	ASSOCIATION OF ADIPONECTIN AND THE HYPERTRIGLYCERIDEMIC-WAIST PHENOTYPE WITH IMPAIRED GLUCOSE TOLERANCE IN WOMEN J. Methot , Y. Loucif, D. Brisson, D. Gaudet, Université de Montréal, Montréal, Canada	449
18	RELATIONSHIP BETWEEN SLEEP QUALITY AND METABOLIC SYNDROME AND INFLAMMATORY MARKERS IN MIDDLE-AGED MEN IN KOREA J.H. Cho , S.G. Kang, E.J. Lee, S.W. Song St.Vincent's Hospital, The Catholic University of Korea, Suwon, Gyeonggi-do, South Korea	450
19	ERYTHROCYTE FRAGILITY IS INCREASED IN THE LDL RECEPTOR DEFICIENT MOUSE MODEL K Navab , S. Hama, G. Hough, David Geffen School of Medicine, UCLA, Los Angeles, CA, USA	451
20	EFFECT OF THERAPEUTIC LIFESTYLE CHANGE ON HIGH DENSITY LIPOPROTEIN CHOLESTEROL IN PATIENTS WITH METABOLIC SYNDROME S.H. Kim , H.L. Lee, J.B. Seo, W.Y. Chung, J.H. Zo, M.A. Kim Seoul Metropolitan Boramae Hospital, Seoul National University, Seoul National University Hospital, Seoul, Korea	452
21	CARDIOVASCULAR HEALTH PROFILE OF PATIENTS ENROLLED IN A CLINIC BASED DIABETES PREVENTION PROGRAM F.D. Fortuin , C. Kendall, J. Wisbey, R.T. Hurst, S.J. Lester, S.B. Chism, R. Burke, M. Orban, D.E. Steidely, S. Bersoux, C. Cook, Mayo Clinic Arizona, Phoenix, AZ, USA	453
22	GENDER AND INFLAMMATION IN INDIVIDUALS WITH THE METABOLIC SYNDROME I. Shapira , S. Berliner, O. Rogowski Tel Aviv Sourasky Medical Center, Tel Aviv, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel	484

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Poster Session

LIPID, LIPOPROTEIN DISORDERS AND CAD/ TREATMENT OF
DYSLIPOPROTEINEMIA II

23	EXPERIMENTS ON THE MECHANISM OF FORMATION OF THE FATTY ACID HYDROPEROXIDES (HPODE AND HPETE) D. Golchian , G. Hough, L. Vakili, S. Safarpour, S. Hama David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA	454
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Board No.		Abstract No.
24	EFFICACY ON LIPOPROTEIN PROFILE AND TOLERABILITY OF SUSTAINED RELEASE FORMULATION OF SIMVASTATIN; IS THERE ANY DIFFERENCE BETWEEN MORNING INTAKE OR NIGHTTIME GROUP? S.H. Kim , H.Y. Lee, J.B. Seo, J.H. Zo, M.A. Kim Seoul Metropolitan Boramae Hospital, Seoul Metropolitan Bukbu Geriatric Hospital, Seoul National University, Seoul, Korea	455
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