
13:45 - 14:00 Conference Opening

14:00 - 16:00 Session 1: Early Detection and Prevention of Heart Disease - Part I

Chairs: **Enrico Agabiti Rosei, Robert Phillips**

14:00 **Functional and Structural Biomarkers for Early Detection of Cardiovascular Disease, What are the Most Predictive?**

D.A. Duprez

University of Minnesota, Minneapolis, USA

14:30 **The Role of Cardiac Imaging in Early Detection of Heart Disease**

J. Schulz-Menger

Humboldt-University, Berlin, Germany

15:00 **Early Detection and Prevention of Cardiac Dysrhythmias**

P.F. Kirchhof

University Hospital Munster, Munster, Germany

15:30 **Sudden Death – a Preventable Occurrence?**

A. Katz

Ben-Gurion University, Barzilai Medical Center, Ashkelon, Israel

16:00 - 16:30 Coffee Break, Exhibition Visit and E-Posters View

16:30 - 18:30 Session 1: Early Detection and Prevention of Heart Disease - Part II

Chairs: **Daniel A. Duprez, Paulus F. Kirchhof**

Free Communications

16:30 **Aspirin as Primary Prevention of Cardiovascular Events in Diabetics (ASAPP)**

L.G. Almelor, R. Cartago, J.J. Llave

University of the Philippines-Philippine General Hospital, Manila, Philippines

16:45 **Risk Factors in Young Adults Predict Atherosclerosis and Heart Failure 15-20 Years Later: The CARDIA Study**

S. Hulley, K. Bibbins-Domingo, M. Pletcher

University of California, San Francisco, CA, USA

17:00 **An Innovative Respiratory Stress Test for Detection of Coronary Artery Disease**

A. Katz

Ben-Gurion University, Barzilai Medical Center, Ashkelon, Israel

Mini-Symposium: Detection of Unstable Versus Stable Atherosclerotic Plaque

17:15 **Why do we Need to Visualize Microvessels in an Atherosclerotic Plaque? A Pathologist View**

M.J. Daemen

University of Maastricht, Maastricht, The Netherlands

16:30 - 18:30 Session 1: Early Detection and Prevention of Heart Disease - Part II (Cont.)

17:30 **Detection of Early Atherosclerosis by Ultrasound**

H. Sillesen

University of Copenhagen, Copenhagen, Denmark

17:45 **Panel Discussion**

18:00 **Regression of Preclinical Organ Damage in Hypertension and Prevention of Cardiovascular Events, is There a Difference Among Cardiovascular Antihypertensive Drugs?**

E. Agabiti Rosei

Clinica Medica University of Brescia, Brescia, Italy

Friday, February 26, 2010

09:00 - 10:30 Session 2: Early Detection and Prevention of Hypertension- Part I

Chairs: **Friedrich C. Luft, Yoram Yagil**

09:00 **Genetic Tools to Identify Genetic Susceptibility and Predict the Development of Hypertension**

H. Schunkert

University of Regensburg, Regensburg, Germany

09:30 **Epidemiological Tools to Identify Genetic Susceptibility and Predict the Development of Hypertension**

T. Pischon

German Institute of Human Nutrition, Nuthtal, Germany

10:00 **Pre-Hypertension: Time for Intervention?**

E.L. Schiffrin

McGill University, Sir Mortimer B. Davis-Jewish General Hospital, Montreal, Quebec, Canada

10:30 - 11:00 Coffee Break, Exhibition Visit and E-Posters View

11:00 - 13:00 Session 2: Early Detection and Prevention of Hypertension - Part II

Chairs: **Ernesto L.Schiffrin, Haralambos Gavras**

Free Communications

- 11:00 **Rise In Systolic Bp Over 30 mmHg After Mild Exercise as a New Marker for Early Cardiovascular Disease Risk Stratification in Asymptomatic Normotensive Patients Regardless of Sex**
M. El Shahawy¹, M. Tchakarova-Entcheva¹, J. Cohn²
¹ *Sarasota Memorial Hospital, Sarasota, Fl, USA,* ² *University of Minnesota, Minneapolis, MN, USA*
- 11:15 **Diastolic and Endothelial Dysfunction are Associated with Insulin Resistance, but Not with Aldosterone Level in Normotensive Offspring of Hypertensive Families**
B. Zizek, D. Zizek, P. Poredos
University of Ljubljana, Ljubljana, Slovenia
- 11:30 **Forgotten Women: Pre-Eclampsia is a Window of Opportunity for Early Disease Detection and Prevention of Non-Pregnant Cardiovascular Disease**
F. Broughton Pipkin
University of Nottingham, Nottingham, England
- 11:45 **Can Repeated Blood Pressure Measurements Provide A Biomarker for Arterial Aging?**
B. Gavish
The Geophysical Institute, InterCure Ltd, Lod, Israel
- 12:00 **Healthy Blood Vessels – A Non-Existent Entity?**
R. Zimlichman
Tel Aviv University, Tel Aviv, Edith Wolfson Medical Center, Holon, Israel
- 12:30 **Oxidative Stress and Mitochondrial Function: Predictors of Cardiovascular and Metabolic Disease?**
S. Moncada
London University College, London, UK
-

13:00 - 14:00 Lunch Break

14:00 - 16:00 Session 3: Early Detection and Prevention of Kidney Disease - Part I

Chairs: **Reinhold Kreutz, Barry I. Freedman**

14:00 Established Markers to Predict Renal Disease

P.E. de Jong

Groningen University Medical Center, Groningen, The Netherlands

14:30 Role of New Biomarkers and Novel Tools to Predict and Prevent Renal Disease

J.V. Bonventre

Harvard University, Brigham & Women's Hospital, Boston, USA

Free Communications:

15:00 B-type Natriuretic Peptide Predicts 12-Month Renal Replacement Therapy Requirement in CKD Patients

D. Guerrot^{1,2}, B. Cauliez¹, C. Freguin¹, O. Rivault¹, B. Legallicier¹, F. Bauer¹, M. Godin¹

¹ Rouen University Hospital, Rouen, ² Tenon Hospital, Paris, France

15:20 Association Between the CNDP1 Gene and Diabetic Nephropathy is Stronger in Early Stages of Diabetic Nephropathy

A. Mooyaart¹, A. Zutinic¹, S. Bakker², D. Grootendorst¹, N. Kleefstra³, H. Bilo³, F. Dekker¹, A. Algra¹, J.A. Bruijn¹, G. Navis², H. Baelde¹, E. de Heer¹

¹ Leiden University Medical Center, Leiden, ² University Medical Center Groningen, Groningen, ³ Isala Clinic, Zwolle, Netherlands

15:40 A Disturbed Circadian Pattern of Water Excretion is Associated with a Blunted Insulin Secretion and Nocturnal Dipping of Blood Pressure in Subjects with Metabolic Syndrome

D. Guerrot^{1,2}, B. Hansel³, J. Perucca¹, X. Girerd³, L. Bankir¹

¹ Centre de Recherche des Cordeliers, Paris, ² CHU Hopitaux de Rouen, Rouen,

³ Hopital Pitie-Salpetriere, Paris, France

16:00 - 16:30 Coffee Break, Exhibition Visit and E-Posters View

16:30 - 18:00 Session 3: Early Detection and Prevention of Kidney Disease - Part II

Chairs: **Steven J. Scheinman, Lise Bankir**

16:30 Diabetic Cardiovascular Disease Predicts Chronic Kidney Disease Awareness in the Kidney Early Evaluation Program

A. Whaley-Connell

University of Missouri, Harry S. Truman VA Medical Center, Columbia, MO, USA

17:00 Predicting Cardiovascular Disease by Focusing on the Cardio-Renal Axis

R. Kreutz

Charite - Universitätsmedizin Berlin, Institute for Clinical Pharmacology and Toxicology, Berlin, Germany

Friday, February 26, 2010

16:30 - 18:00 Session 3: Early Detection and Prevention of Kidney Disease - Part II (Cont.)

17:30 **Role of Genetics / Genomics in Predicting and Preventing Renal Disease**

B.I. Freedman

Wake Forest University Baptist Medical Center, Winston-Salem, NC, USA

Saturday, February 27, 2010

09:00 - 11:00 Session 4: Early Detection and Prevention of Diabetes Part I

Chairs: **Mark E. Cooper, Bastiaan E. de Galan**

09:00 **Clinical, Epidemiological and Genetic Tools to Identify Susceptibility and Predict the Development of Diabetes**

M.E. Cooper

Baker IDI Heart and Diabetes Research Institute, Melbourne, Victoria, Australia

09:30 **Can Novel Biomarkers Predict the Development of End-Organ Damage in Diabetes and Can it be Prevented?**

K. Jandeleit-Dahm

Baker IDI Heart and Diabetes Research Institute, Melbourne, Victoria, Australia

10:00 **ACCORD and ADVANCE Trials in Preventing Cardiovascular and Cerebrovascular Complications of Diabetes – Aims, Results and Implications**

B.E. de Galan

Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands

10:30 **The Role of Pharmacological Measures in Preventing the Evolution of Diabetes in the Susceptible Individual**

A. Whaley-Connell

University of Missouri, Harry S Truman VA Medical Center, Columbia, MO, USA

11:00 - 11:30 Coffee Break, Exhibition Visit and E-Posters View

11:30 - 13:00 Session 4: Early Detection and Prevention of Diabetes Part II

Chairs: **Hermann Haller, Eberhard Ritz**

11:30 **Albuminuria as a Risk Factor and a Tool to Assess Target Organ Damage**

E. Ritz

Ruperto Carola University, Nierenzentrum, Heidelberg, Germany

12:00 **Results of the ROADMAP Study: Implications for the Prevention of Diabetic Renal Disease**

H. Haller

12:30 **Panel Discussion:**

E. Ritz, H. Haller, M.E. Cooper, J.V. Bonventre, S.J. Scheinman, R. Kreutz

13:00 - 14:00 Lunch Break

14:00 - 16:00 Session 5: Early Detection and Prevention of Cardiometabolic Disease

Chairs: **Reuven Zimlichman, Oliver Steinbach**

14:00 **Genetic Polymorphisms of Innate Immunity-related Inflammatory Pathways in Type 2 Diabetes Mellitus: Biomarkers of Early Detection and Prevention**

Z. Dastani¹, B. Richards³, A. El-Sohemy², S. Malik¹, M. Karmali¹, A. Badawi¹
¹ *Public Health Agency of Canada, Toronto*, ² *University of Toronto, Toronto*,
³ *McGill University, Montreal, Canada*

14:20 **Echo Particle Image Velocimetry (Echo PIV): A Novel Ultrasound-based Method for the In Vivo Measurement of Wall Shear Stress in Human Carotid Arteries**

P. Gates¹, F. Zhang², W.D. Strain¹, O. Gosling¹, L. Mazzaro², A. Barker², J. Fulford¹,
A. Shore¹, N. Bellenger¹, C. Lanning^{3,4}, R. Shandas^{2,3,4}
¹ *University of Exeter, Exeter, UK*, ² *University of Colorado, Boulder, USA*,
³ *University of Colorado, Denver, USA*, ⁴ *University of Colorado, Aurora, USA*

14:40 **Biomarkers and Imaging for Drug Development, Diagnosis and Treatment of Diseases**

O. Steinbach
Philips Research Laboratories, Eindhoven, The Netherlands

15:00 **Vitamin D for Prevention of Cardiometabolic Disease**

A. Pittas
Tufts University Medical Center, Boston, USA

15:20 **The Unstable Carotid Artery Plaque**

D. Russell
Oslo University Hospital, Rikshospital, Oslo, Norway

15:40 **Early Atherosclerosis in Childhood Onset Diabetes**

K. Dahl Jorgensen
University of Oslo, University Hospital Ullevål, Oslo, Norway

16:00 - 16:30 Coffee Break, Exhibition Visit and E-Posters View

16:30 - 18:00 Session 6: Early Detection and Prevention of Disease - Role of Genomics

Chairs: **Doron Lancet, Pavel Hamet**

16:30 **The Human Genome Diversity Revolution**

D. Lancet
The Weizmann Institute of Science, Rehovot, Israel

16:30 - 18:00 Session 6: Early Detection and Prevention of Disease - Role of Genomics (Cont.)

17:00 **Making Sense of the Human Genome: The Importance of Collecting all Gene Sequence Variant**

J. den Dunnen

Leiden University Medical Centre, Leiden, The Netherlands

17:30 **New Methods for Multidimensional Disease Stratification**

E. Rubin

Ben-Gurion University, Beer Sheva, Israel

Sunday, February 28, 2010

09:00 - 11:00 Session 7: Health Policy Issues Relating to Early Disease Detection and Prevention I

Chairs: **Gabriel I. Barbash, Arun Chockalingham**

09:00 **Early Disease Detection and Prevention – The View of Professional Societies**

J. Davis

National Kidney Foundation, NY, USA

09:30 **Early Disease Detection and Prevention – The View of the Industry**

J.H. Revkin

Boehringer Ingelheim Pharmaceuticals Inc, Ridgefield, Connecticut, USA

Free Communications:

10:00 **Budget Impact Analysis of an Intervention Aiming to Prevent Hypertension Development in Prehypertensive Individuals: A Health Economic Evaluation based on the TROPHY Study Data**

K. Gumlich¹, K. Berger², M. Baumann¹

¹ *Technische Universität München*, ² *LMU, Munich, Germany*

10:20 **Prevention of Cardio-Metabolic Diseases in General Practice**

M. Nielen¹, V. van der Meer², P. Assendelft², F. Schellevis^{1,3}

¹ *NIVEL (Netherlands Institute for Health Services Research), Utrecht*, ² *Leiden University Medical Center, Leiden*, ³ *VU University Medical Center, Amsterdam, The Netherlands*

10:40 **Ethical Issues Underlying the High-Tech Medical Check-Ups**

Y. Li

Buddhist Tzu Chi General Hospital, Tzu Chi University, Hualien, Taiwan

11:00 - 11:30 Coffee Break, Exhibition Visit and E-Posters View

11:30 - 13:10 Session 7: Health Policy Issues Relating to Early Disease Detection and Prevention II

Chairs: **John Davis, James H. Revkin**

Free Communications:

11:30 Why Early Screening for CVD Risk Stratification with a More Accurate Risk Score Method Must be Mandated by Those Who Care About our Health

M. El Shahawy¹, M. Tchakarova-Entcheva¹, J. Cohn²

¹ *Sarasota Memorial Hospital, Sarasota, Fl, USA,* ² *University of Minnesota, Minneapolis, MN, USA*

11:50 Using Case Mix to Detect Disease and Improve the Delivery of Care

K. Kinder¹, L. Dunbar²

¹ *Johns Hopkins University, Baltimore, Maryland,* ² *Johns Hopkins HealthCare, Glen Burnie, Maryland, USA*

12:10 Impact of Early Disease Detection and Prevention on Health Economics – the Insurer’s View

TBA

12:40 Early Disease Detection and Prevention – The View of the Government

G.I. Barbash

Tel Aviv University, Tel Aviv, Israel

13:10 - 13:45 Conference Conclusions and Closure

Early Detection and Prevention of Heart Disease

- 1 **Influence of Antioxidants in Different Pharmacological Groups on Diastolic Dysfunction of Left Ventricle in Old Patients with Postinfarctional Atherosclerosis and Heart Failure**
R. Zaslavskaya, C. Lilitsa, M. Tejbloom
Hospital N 60, Moscow, Russia
- 2 **Relationship among High Blood Pressure, High Risk of Coronary Artery Disease and Stroke**
L. Zhao¹, G. Fukuda², M. Fukuda¹, K. Fukuda³
¹ Shiratori Hospital, ² Tokyo Medical University Hospital, ³ Shiratori Hospital, Tokyo, Japan
- 3 **A Murine Model of Coronary Arteritis Induced by Fungal PAMPs, CAWS, for Drug Development**
N. Ohno, N. Miura, K. Ishibashi, Y. Adachi, N. Hirata
Tokyo University of Pharmacy and Life Sciences, Hachioji, Tokyo, Japan
- 4 **Augmentation Index (AI) and Pulse Wave Velocity (PWV) as Early Predictors in Outcome in Patients With Acute Myocardial Infarction**
N. Bylova¹, I. Plieva², G. Arutyunov¹, I. Dayter²
¹ Russian State Medical University, ² City Clinical Hospital #4, Moscow, Russia
- 5 **Mid-Life Male Atherosclerosis According to Lifestyle: by Calcium Scoring CT**
C.M. Lee, B. Cho, S.W. Oh, H. Kwon, S. Kiyoungh
Seoul National University Hospital, Seoul, Republic of Korea
- 7 **Miscarriage and Risk of Cardiovascular Disease**
E. Kharazmi^{1,2}, M. Fallah^{1,2}, R. Luoto¹
¹ Tampere, Finland, ² Heidelberg, Germany
- 8 **Age at First and Last Delivery and Risk of Cardiovascular Disease**
E. Kharazmi^{1,1,2}, M. Fallah^{1,2}, R. Luoto^{1,1}
¹ Tampere, Finland, ² Heidelberg, Germany
- 9 **Prevalence of Cardiovascular Risk Factors in Mentally Working Subjects**
O. Rotar, I. Fursova, L. Korostovtseva, K. Kitaleeva, E. Litvinenko, V. Solntsev, A. Konradi, E. Shlyakhto
Almazov Federal Center of Heart, Blood and Endocrinology, Saint-Petersburg, Russia
- 10 **Nebivolol Improves Myocardial Oxidative Stress, Remodeling, and Diastolic Dysfunction in the Zucker Obese Rat**
A. Whaley-Connell^{1,2}, V. DeMarco^{1,2}, J. Habibi^{1,2}, X. Zhou^{1,2,3}, M. Hayden^{1,2}, L. Ma^{1,2}, A. Brown^{1,2}, R. Schneider^{1,2}, N. Rehmer^{1,2}, J. Rehmer^{1,2}, S. Hyder¹, C. Krueger¹, J. Sowers^{1,2}
¹ University of Missouri, ² Harry S. Truman VA Medical Center, Columbia, MO, USA, ³ Shandong University, Jinan, China

Early Detection and Prevention of Heart Disease (Cont.)

- 11 **Vascular Health Promotion and Early Vascular Diseases Integrated Control Experience from China**
H. Wang
Peking University People's Hospital, Beijing, P.R. China
- 12 **Prevalence of Prodromal Symptoms in Patients with Acute Myocardial Infarction in Shariati Hospital Esfahan in 2007-2008**
E. Fahami, A. Torkan, M.R. Torknejad, F. Nikaeen
Shariati Hospital, Esfahan, Iran
- 13 **Diagonal Ear Lobe Crease Predicts the Severity of Coronary Artery Disease as an Early Disease Detector**
K. Aghasadeghi, J. Jabbary Lak, B. Rahbar Sooreh, S.A. Moniri
University of Medica Sciences, Shiraz, Iran
- 14 **The Significance of the Risk Factors for Ischemic Heart Disease in the Evaluation of the Health-Related Quality of Life**
V. Raskeliene
Kaunas University of Medicine Hospital, Kaunas, Lithuania
- 15 **Sleep Disturbances and Risk of Cardiovascular Diseases (Epidemiological Study on the WHO Program "MONICA- Psychosocial ")**
V. Gafarov, E. Gromova, I. Gagulin, A. Gafarova, Y. Kabanov
SB RAMS, Novosibirsk, Russia

Early Detection and Prevention of Hypertension

- 16 **QIMT by Radio Frequency (Examination of Tracking) Method of Evaluation Thickness of the Intima Media Among Patients Having Cardio Vasculars Risk Factors.**
X. Castellon¹, V. Bogdanova²
¹38 av Jules Valles, Athis Mons Hospital, France, ²Paris, France
- 17 **Analysis of Endothelial Function by Radio Frequency Coupled with Two-Dimensional Echocardiography: the Value of Flow-Mediated Vasodilatation A Study of 25 Cases**
X. Castellon
Private Hospital Athis Mons, Paris, France
- 18 **Prehypertensive Preconditioning Improves Antihypertensive Treatment**
M. Baumann, D. Sollinger, J. Lutz, U. Heemann
Technische Universita, Munich, Germany
- 19 **Evaluation by Radio Frequency of the Quality of Carotide Rigidity on Level in Real-Time, in Patients with Cardiovascular Risk Factors**
X. Castellon
Private Hospital, Athis Mons, Paris, France
- 20 **Altered 24-h Rhythm of Blood Pressure as an Early Marker of Cardiovascular Disease**
S. Pekarskiy, V. Mordovin, G. Semke, T. Ripp, E. Gordeeva
Tomsk Research Institute of Cardiology, Tomsk, Russia
- 21 **Health Economic Evaluation of the Injury Caused by Insufficient Prevention in Hypertension**
C. Schafer
University Mainz, Mainz, Germany
- 22 **Prospective Study on the Risk Factor for the Onset of Hypertension in Japanese Individuals**
M. Yamakado, M. Toda, M. Tani, Y. Ishizaka
Mitsui Memorial Hospital, Tokyo, Japan
- 23 **Effects of A Self-help Lifestyle Modification Intervention for Stroke Prevention among Women with Prehypertension in Urban Area**
H. Song
Wonju College of Medicine, Yonsei Univerisity, Wonju, South Korea
- 24 **Association of Measures of Central Obesity with High Blood Pressure in Indo Asian Girls**
A. Almas, M. Islam, T. Jafar
Aga Khan University, Karachi, Pakistan
- 25 **Early Diagnosis in arterial Hypertension**
M. Adamek
BRC, Czech Republic

Early Detection and Prevention of Hypertension (Cont.)

- 26 **Endothelial Nitric Oxide Synthase (eNOS) Glu298Asp Polymorphism (G894T) Among North Indian Hypertensive Pregnant Females**
D. Sharma, A. Singh, S.S. Trivedi, J. Bhattacharjee
Lady Hardinge Medical College, New Delhi, India
- 27 **Correlation Between the Endothelial Dysfunction Indicators and Arterial Wall Stiffness in Persons with Various Cardiovascular Risk Factors**
E. Kolesova, V. Ivanenko, A. Konradi, I. Fursova, O. Rotar
Almazov Federal Center of Heart, Blood and Endocrinology, Saint-Petersburg, Russia
- 28 **Belief About Health White on Black People Related to the Barriers and Benefits for the Control of Arterial Hypertension**
C.G.d.S. Pires, M. Fernanda Carneiro
Escola de Enfermagem-UFBA, Salvador-BA, Brazil
- 29 **Role of Social Stress in Hypertension Development**
O. Semyachkina-Glushkovskaya, V. Berdnikova, I. Semyachkin-Glushkovskij, A. Kuznecova
Saratov State University, Saratov, Russia
- 30 **Hypertension in the Eastern Province of Saudi Arabia: Results of a Screening Campaign**
K.A. AL-Turki¹, N.A. AL-Baghli¹, A.J. AL-Ghamdi¹, A.G. El-Zubaier²
¹ Ministry of health, Dammam, Saudi Arabia, ² King Faisal University, Dammam, Saudi Arabia

Early Detection and Prevention of Kidney Disease

- 31 **Epidemiologic Research: Prevalence of Glomerular Hyperfiltration in Cardiological Patients in Moscow**
G. Aroutyunov, L. Oganezova
Russian State Medical University, Moscow, Russia
- 32 **Replacement of Two Rat Chromosomes Completely Eliminates the Development of Albuminuria and Affects the Inherited Nephron Deficit in a New Double-Consomic Rat Model Derived from MWF**
A. Schulz¹, K. Kuhn¹, J.R. Nyengaard², R. Kreutz¹
¹ *Chari University, Berlin, Germany*, ² *Aarhus University Hospital, Aarhus, Denmark*
- 33 **Early Detection and Management to Prevent Chronic Kidney Disease (CKD) Progression: An Approach to Improve Patient Empowerment**
N. Jain¹, K. Harris^{1,2}, J. Bridger^{1,3}, M. Bonar^{1,2}, H. Jordan^{1,4}, N. Thomas¹, T. Ward^{1,5}
¹ *Peterborough*, ² *Leicester*, ³ *Bristol*, ⁴ *Surrey*, ⁵ *Wiltshire, UK*
- 34 **Health Economic Aspects of using Serum Cystatin C for Early Detection of Chronic Kidney Disease in Type 2 Diabetics in Germany**
E. Walter¹, L. Lennartz², S. Herget-Rosenthal³, W. Hofmann⁴
¹ *Institute for Pharmaeconomic Research, Vienna, Austria*, ² *Abbott GmbH & Co KG, Delkenheim, Germany*, ³ *Rotes Kreuz Krankenhaus, Bremen, Germany*,
⁴ *Institute for Clinical Chemistry, Munich, Germany*
- 35 **The Effect of Paricalcitol on Albuminuria: Preliminary Results**
P. Alivanis, G. Aperis, C. Paliuras, A. Zervos, A. Arvanitis, A. Katsakou, N. Karvuniaris
Hospital of Rhodes, Rhodes, Greece
- 36 **Prevalence of Chronic Kidney Disease in South Asians in the UK**
D. Adu¹, A. Palmer¹, I. Wilkinson³, J. Moore⁴, M. Dutton¹, L. Fifer¹, P. Cockwell¹,
M. Little¹, C. Kernahan⁴, N. Jurawan¹, M. Taal⁵, M. Yaqoob²
¹ *Queen Elizabeth Hospital, Birmingham*, ² *London*, ³ *Oldham*, ⁴ *Peterborough*,
⁵ *Derby City General Hospital, Derby, UK*
- 37 **Potential Renal- Protective and/or Therapeutic Effect of L-Carnosine in Rats with Chronic Renal Failure**
M. Schaalán¹, H. El-Abhar², S. El-Awamry³
¹ *Misr International University*, ² *Cairo University*, ³ *Cairo University, Cairo, Egypt*

Early Detection and Prevention of Diabetes

- 38 **Is Smoking Also a Causal Effect on Developing Diabetes?**
Y. Li
Buddhist Tzu Chi General Hospital, Tzu Chi University, Hualien, Taiwan
- 39 **Effects of Exercise on Cytokines of Type I Diabetic Rats During Endotoxemia**
C. Cho¹, Y. Chen², C. Hung¹
¹*National Cheng Kung University, Tainan, Taiwan,* ²*China Medical University, Taichung, Taiwan*
- 40 **Subclinical Cardiovascular Disease-Cardiovascular Risk Factors and Inflammatory Markers in Diabetic Elderly People**
O. Vittos¹, F. Halici¹, D. State²
¹*Medcenter,* ²*INGG Ana Aslan, Bucharest, Romania*
- 41 **Effects of Exercise Training on Serum Insulin-Like Growth Factor-1 and Vascular Smooth Muscle Cell Apoptosis in Type 1 Diabetic Rats**
C. Li¹, C. Hung¹, Y. Chen²
¹*National Cheng Kung University, Tainan, Taiwan,* ²*China Medical University, Taichung, Taiwan*
- 42 **Susceptibility to Diabetic Nephropathy- Analysis of Phenotypic Factors**
C.J. Magri, N. Calleja, G. Buhagiar, S. Fava, J. Vassallo
Mater Dei Hospital, Msida, Malta
- 43 **Design and Methods of a Targeted Diabetes Prevention Programme for Hindustani Surinameses, consisting of a Screening followed by a Lifestyle Intervention**
L. Vlaar¹, I. van Valkengoed¹, V. Nierkens¹, M. Nicolaou¹, B. Middelkoop², K. Stronks¹
¹*AMC/UvA, Amsterdam,* ²*LUMC, Leiden, The Netherlands*
- 44 **Nebivolol Improves Myocardial Glucose Utilization on Micro-positron Emission Tomography in the Transgenic Tg(mren2) 27 Rats**
A. Whaley-Connell, J. Kim, J. Rehmer, N. Rehmer, S.D. Figueroa, T. Hoffman, R. Schneider, J. Habibi, J. Sowers
University of Missouri, Harry S. Truman VA Medical Center, Columbia, MO, USA
- 45 **The Prevalence of Metabolic Syndrome among Jordanian Employees and Its Associated Factors**
B. Obeidat, E. Al-Shami, K. Al-Ani
Jordan University of Science and Technology, Irbid, Jordan
- 46 **Impaired Insulin-Signaling May Be a Forerunner to Hyperglycemia in Aldosteronism**
J. Ndisang, A. Jadhav
University of Saskatchewan College of Medicine, Saskatoon, Canada
- 47 **The Potential Anti-diabetic Effect of Phytol Alone or with Pioglitazone in a Type II Diabetic Model**
M. Schaal¹, H. El-Abhar², M. Elmazar³
¹*Misr International University,* ²*Cairo University,* ³*Ahram Canadian University, Giza, Egypt*

Early Detection and Prevention of Diabetes (Cont.)

- 48 **Statin Treatment and Reaching Low Density Lipoprotein Cholesterol Targets in Elderly Patients**
T. Konstantinos, P. Konstantia, P. Natalia, R. Ioannis, M. Ilias, S. Elisabeth, P. Athinodoros, N. George, A. Alexandra, S. Christos, H. Apostolos
Medical School, Aristotle University of Thessaloniki, AHEPA Hospital, Thessaloniki, Greece
- 49 **Prevalence of Diabetes Mellitus and Impaired Fasting Glucose in the Eastern Province of Saudi-Arabia: Results of a Screening Campaign**
A.J. AL-Ghamdi¹, K.A. AL-Turki¹, N.A. AL-Baghli¹, A.G. El-Zubaier², A.H. AL Elq², A. Bahnassy²
¹ *Ministry of health, Dammam, Saudi Arabia,* ² *King Faisal University, Dammam, Saudi Arabia*

Health Policy Issues Relating to Early Disease Detection and Prevention

- 50 **Time to Mandate a More Accurate Tool to Assess CVD risk in Women Beyond Framingham**
M. El Shahawy¹, M. Tchakarova-Entcheva¹, J. Cohn²
¹ *Sarasota Memorial Hospital, Sarasota, FL, USA*, ² *University of Minnesota, Minneapolis, MN, USA*
- 51 **Chronic Diseases Risk Factors and Access to Health Exams among Women in South Africa**
K. Peltzer
HSRC, Pretoria, South Africa
- 52 **Variations in Timing of Disease Detection among Older Adults by Social Class: A Mixed Methods Analysis**
E. Nicklett
University of Michigan, University of Michigan, Ann Arbor, MI, USA
- 53 **Green Space for Physical Activity: A Health-Promoting Legal Policy from California**
R. Garcia
The City Project, Los Angeles, USA
- 54 **Guidelines for Management of Preventive Screening in Primary Care Settings and Outpatient Clinics in the Kingdom of Bahrain Health Care Policy**
A. Al- Ajami, R. Al- Salman
Ministry of Health, Manama, Bahrain
- 55 **Evolution of Type 2 Diabetes and Healthcare in Luxembourg between 2000 and 2006 from DIABECOLUX Database**
L. Renard^{1,2}, V. Boquet¹, C. Sevilla³, C. Blum-Boisgard², G. Vidal-Trecan⁴
¹ *CRP-Sante, Luxembourg, Luxembourg*, ² *University Paris Descartes, Paris, France*, ³ *MGEN Foundation for Public Health, Paris, France*, ⁴ *Cochin Hospital - Saint Vincent de Paul, Paris, France*
- 56 **Evolution of Diabetic Nephropathy and Healthcare in Luxembourg between 2000 and 2006 from DIABECOLUX Database**
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