

Haifa 2011 – Opening Symposium (27/6/11; 09.00AM)

Symposium Title: Opening Symposium (Ruth Hall)

- Greetings: Eliezer Shalev,
Dean, Ruth and Bruce Rappaport Faculty of Medicine,
Technion, IIT, Haifa, Israel
- Thomas Eschenhagen,
President, ISHR European Section,
Department of Experimental and Clinical Pharmacology and
Toxicology, University Medical Center Hamburg-Eppendorf,
Germany
- Moshe Flugelman,
ISHR Haifa Meeting Secretary,
Ruth and Bruce Rappaport Faculty of Medicine,
Technion, IIT, Cardiovascular Medicine, Lady Davis Carmel Medical
Center, Haifa, Israel
- Opening Lecture: New insights on the mechanisms of myocardial hibernation and remodeling
- Speaker name: Eli Keshet
- Contact details: Department of Developmental Biology and Cancer Research,
Hebrew University-Hadassah Medical School, Jerusalem

Haifa 2011 - Symposium 1 (27/6/11; 11.00AM)

Symposium Title: Calcium remodelling in the cardiomyocyte (Green Hall)

Chair 1 name: Finn Olav Levy

Contact details: Department of Pharmacology,
University of Oslo, Oslo, Norway

Chair 2 name: Amir Landesberg

Contact details: Biomedical Engineering Faculty, Technion Israel Inst Technol
Haifa, Israel

Lecture 1 title: Remodeling of Cardiomyocyte Excitation-contraction Coupling

Speaker 1 name: Ernst Niggli

Contact details: Univ Bern, Dept Physiol, Bern, Switzerland

Lecture 2 title: Excitation-contraction coupling and mitochondrial energetics

Speaker 2 name: Christoph Maack

Contact details: Univ Klinikum des Saarlandes,
Homburg, Germany

Lecture 3 title: Calcium cycling related proteins in cardiac physiology and pathology

Speaker 3 name: Despina Sanoudou

Contact details: Medical School, University of Athens and
Biomedical Research Foundation of the Academy of Athens

Oral Presentation: Inhibition of calcium/calmodulin-dependent protein kinase II attenuates myocardial stunning and severe arrhythmias upon ischemia/reperfusion in isolated rat heart
Carnicka, Slavka

Oral Presentation: Calcium signaling and arrhythmogenic currents in cardiomyocytes with impaired calmodulin regulation of RyR2
Morad, Martin

Oral Presentation: Nuclear membranes G-proteins coupled receptors and nuclear T-tubules contribute to vascular smooth muscle cells function
Bkaily, Ghassan

Haifa 2011 - Symposium 2 (27/6/11; 11.00AM)

Symposium Title: Normal and abnormal cardiac development (Ruth hall)

- Chair 1 name: Stuart Cook, London
Contact details: MRC Clinical Sciences Centre Imperial College, Faculty of Medicine
London, England
- Chair 2 name: Ami Aronheim
Contact details: Department of Molecular Genetics
The B. Rappaport Faculty of Medicine
Technion-Israel Institute of Technology Haifa ISRAEL
- Lecture 1 title: The Endothelial Origin of the Heart Endocardium: Novel Roles for Flk1 in Cardiogenesis
Speaker 1 name: Eldad Tzahor
Contact details: Department of Biological Regulation, Weizmann Institute of
Science, Rehovot, Israel
- Lecture 2 title: Signaling pathways controlling second heart field development
Speaker 2 name: Francesca Rochais
Contact details: Developmental Biology Institute of Marseilles-Luminy, Universite de
la Mediterranee, Marseille, France
- Lecture 3 title: Rare and common genetic variants underlying cardiomyopathies
Speaker 3 name: Stuart Cook, London
Contact details: MRC Clinical Sciences Centre Imperial College, Faculty of Medicine
London, England
- Lecture 4 title: Daniel Aberdam
Speaker 4 name: P63 is essential for cardiac development and cardiogenesis *in-vitro*
Contact details: Faculty of Medicine, Technion IIT Haifa, Israel
- Oral Presentation: In-vivo measurements of heart functions in Zebrafish
Buzaglo, Nahum
- Oral Presentation: Identifying mitral valve prolapse mutations on chromosomes 11
and 13 using next-generation sequencing
Durst, Ronen

Haifa 2011 - Symposium 3 (27/6/11; 11.00AM)

Symposium Title: New tools for atrial arrhythmias (Red Hall)

- Chair 1 name: Arie Moran
 Contact details: Department of Physiology, Faculty of Health Sciences
 Ben Gurion University of the Negev,
 Beer-Sheva Israel
- Chair 2 name: Jorge Schliamser
 Contact details: Lady Davis Carmel Medical Center
 Haifa, Israel
- Lecture 1 title: New tools for rodent atrial electrophysiology
 Speaker 1 name: Yoram Etzion
 Soroka Univ Med Ctr Beer-Sheva,
 Ben-Gurion University of the Negev,
 Beer Sheva, Israel
- Lecture 2 title: Electrical remodeling of the fibrillating atrium
 Speaker 2 name: Dobromir Dobrev
 Contact details: Uni Mannheim, Germany
- Lecture 3 title: Atrial Mapping and Ablation Treatment for Atrial Arrhythmias
 Speaker 3 name: Jorge Schliamser
 Contact details: Lady Davis Carmel Medical Center
 Haifa, Israel
- Oral Presentation: Hypopotassium solutions and latent pacemaker dysfunction cells
 Golovko, Vladimir
 sinoatrial valve associated with triggered activity
- Oral Presentation: Adenosine A1 receptor stimulation is transiently arrhythmogenic
 Robin, Elodie
 through NADPH oxidase-, PKC- and ERK-dependent mechanisms in
 the embryonic heart

Haifa 2011 – Special Symposium (27/6/11; 12.30-13.30PM)

Special Session: "In Search of Gold Standard PV Loops for Cardiac Function Assessment". (Red Hall)

Chair name: Thomas Eschenhagen
Contact details University of Hamburg

Lecture 1 title: "A New Approach to Pressure-Volume Measurements"
Speaker 1 name: Marc Feldman
Contact details University of Texas

Lecture 2 title: "Comparison of Alternative Technologies for PV Measurement in mice"
Speaker 2 name: James Clark
Contact details Kings College, London, UK

Lecture 3 title: "Cardiac Function Assessment in Larger Animals"
Speaker 3 name: Philip Raake
Contact details University of Heidelberg

Haifa 2011 - Symposium 4 (27/6/11; 14.00PM)

Symposium Title: Myofilaments in the failing heart (Green Hall)

- Chair 1 name: Jon Kentish
Contact details: Cardiovascular Division, King's College London, London
- Chair 2 name: Olivier Cazorla
Contact details: Inserm U-1046, Physiologie & Medecine Experimentale Coeur Muscles, Montpellier, France
- Lecture 1 title: Expression and phosphorylation of cardiac myosin-binding protein C in human cardiac disease
Speaker 1 name: Jolanda van der Velden
Contact details: Laboratory for Physiology, Institute for Cardiovascular Research, VU University Medical Center, Amsterdam, The Netherlands
- Lecture 2 title: Titin-directed signalling and dysregulation in heart failure
Speaker 2 name: Wolfgang Linke
Contact details: Institute of Physiology, Ruhr University Bochum, Bochum, Germany
- Lecture 3 title: Myofilament protein alterations leading to depressed Ca²⁺-responsiveness
Speaker 3 name: Zoltan Papp
Contact details: Debrecen Univ Med, Div Clin Physiol, Inst Cardiol, Fac Med, Med & Hlth Sci Ctr, Debrecen, Hungary
- Lecture 4 title: Prevention of cardiac dysfunction by antioxidant therapy in post-infarct heart failure
Speaker 4 name: Olivier Cazorla
Contact details: Inserm U-1046, Physiologie & Medecine Experimentale Coeur Muscles, Montpellier, France

Haifa 2011 - Symposium 5 (27/6/11; 14.00PM)

Symposium Title: Exercise, cancer and cardiovascular function (Red Hall)

Chair 1 name: Mickey Scheinowitz
Contact details: Tel-Aviv University, Ramat Aviv and Neufeld Cardiac Research Institute, Sheba Medical Center Tel-Hashomer, Israel

Chair 2 name: Terje Larsen
Contact details: Cardiovascular Research Group, Institute of Medical Biology, University of Tromsø, Tromsø, Norway

Lecture 1 title: Exercise and Metabolic Remodelling in Heart Failure
Speaker 1 name: Renee Ventura-Clapier
Contact details: U-769 INSERM Universite Paris-Sud, Faculte de Pharmacie Châtenay-Malabry, France

Lecture 2 title: Exercise training alters the molecular response to myocardial infarction
Speaker 2 name: Mickey Scheinowitz
Contact details: Tel-Aviv University, Ramat Aviv and Neufeld Cardiac Research Institute, Sheba Medical Center Tel-Hashomer, Israel

Lecture 3 title: Exercise training and cardiac metabolism - impact of exercise intensity
Speaker 3 name: Terje Larsen
Contact details: Cardiovascular Research Group, Institute of Medical Biology, University of Tromsø, Tromsø, Norway

Lecture 4 title: Progressive loss of cardiac function in experimental cancer cachexia: time to treat the heart?
Speaker 4 name: Jochen Springer
Contact details: Center for Cardiovascular Research, Div. of Applied Cachexia Research Charité, Campus Mitte, Berlin Germany

Haifa 2011 - Symposium 6 (27/6/11; 14.00PM)

Symposium Title: Atrophy and hypertrophy: mechanisms in common? (Ruth hall)

Chair 1 name: Volker Adams

Contact details: Universität Leipzig
Leipzig, Germany

Chair 2 name: Lucie Carrier

Contact details: Department of Experimental Pharmacology and Toxicology,
University Medical Center Hamburg-Eppendorf Hamburg Germany

Lecture 1 title: Sarcomere and nucleus: functional links to hypertrophy and atrophy

Speaker 1 name: Mathias Gautel

Contact details: Kings Coll London, British Heart Foundation, Centre Research Excellence, Randall Division Cell & Mol Biophysics, London

Lecture 2 title: Cardiomyocyte function: does size matter?

Speaker 2 name: Terracciano Cesare

Contact details: Imperial College London, National Heart & Lung Institute, Heart Science Centre, Laboratory of Cellular Electrophysiology, Harefield Hospital, Harefield, Middlesex, United Kingdom

Lecture 3 title: Protein quality control in hypertrophic cardiomyopathy

Speaker 3 name: Lucie Carrier

Contact details: Department of Experimental Pharmacology and Toxicology,
University Medical Center Hamburg-Eppendorf Hamburg Germany

Oral Presentation: Peroxisome proliferator-activated receptor- α and nadph oxidases interact to play an important regulatory role in pressure-overload cardiac hypertrophy
Harvey, Adam P.

Oral Presentation: Neuropeptide Y and Angiotensin II induce human endocardial endothelial cells hypertrophy and release of Endothelin-1
Jacques, Danielle

Haifa 2011 – YIA Competition (27/6/11; 16.00 PM)

Young Investigator's Award Competition (Ruth hall)

Presenter Shimrit Lieber
 Title Human pericardial adipose tissue-derived mesenchymal stromal cells polarize macrophages towards an m2-like reparative phenotype
 Contact details Sheba Center for Regenerative Medicine, Stem Cells and Tissue Engineering, Tel Aviv University, Tel hashomer, Israel

Presenter Carmen Methner
 Title Protection through either postconditioning or mitochondria-targeted S-nitrosothiol is not affected by deletion of protein kinase G type I in cardiomyocytes
 Contact details Clinical Pharmacology Unit, University of Cambridge, UK

Presenter Arkady Rutkovskiy
 Title Aquaporins: new players in heart function and disease?
 Contact details Laboratory for Endogenous Cell Protection IEMF, Kirurgisk divisjon, UIO, Oslo

Presenter Dusan Bilbija
 Title Protecting the heart through delivering DNA encoding for heme oxygenase-1 (HMOX-1) in skeletal muscle
 Contact details Oslo Medical Faculty, Institute of Basic Medical Sciences Dep. of Physiology, Oslo Norway

Presenter Marc Hirt
 Title Increased workload in engineered heart tissue leads to cardiomyocyte hypertrophy – a new in vitro model
 Contact details Institute of Pharmacology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

Haifa 2011 - Symposium 7 (28/6/11; 9.00AM)

Symposium Title: Stem cells for disease modelling / tissue engineering (Ruth hall)

- Chair 1 name: Lior Gepstein
Contact details: The Sohnis Family Laboratory for Cardiac Electrophysiology and Regenerative Medicine, The Bruce Rappaport Faculty of Medicine Technion - Israel Institute of Technology, Haifa, Israel
- Chair 2 name: Basil Lewis
Contact details: Director, Department of Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, Israel
- Lecture 1 title: Modeling Inherited Cardiac Disorders with Induced Pluripotent Stem Cells
Speaker 1 name: Lior Gepstein
Contact details: The Sohnis Family Laboratory for Cardiac Electrophysiology and Regenerative Medicine, The Bruce Rappaport Faculty of Medicine Technion - Israel Institute of Technology, Haifa, Israel
- Lecture 2 title: Microenvironment control in constructs with stem cell-derived cardiomyocytes
Speaker 2 name: Michel Puceat
Contact details: INSERM Universite Paris Descartes UMR633, Stem cells and cardiogenesis, France
- Lecture 3 title: Engineered heart tissue for pharmacological testing
Speaker 3 name: Thomas Eschenhagen
Contact details: Department of Experimental and Clinical Pharmacology and Toxicology, University Medical Center Hamburg-Eppendorf, Germany
- Lecture 4 title: Functional properties of human induced pluripotent stem cells-derived cardiomyocytes, from healthy and diseased myocardium
Speaker 4 name: Ofer Binah
Contact details: Faculty of Medicine, Technion IIT, Haifa, Israel

Haifa 2011 - Symposium 8 (28/6/11; 9.00AM)

Symposium Title: Factors and Mechanisms of Myocyte Survival (Red Hall)

- Chair 1 name: Barbara McDermott
Contact details: Queens University Belfast, Centre for Vision and Vascular Science, Institute of Clinical Science, Belfast
- Chair 2 name: Ofer Binah
Contact details: Faculty of Medicine, Technion IIT, Haifa, Israel
- Lecture 1 title: Thyroid Hormone, a Regulator of Physiologic Growth for Rebuilding the Ischaemic Myocardium
Speaker 1 name: Constantinos Pantos
Contact details: Univ Athens, Dept Pharmacol, Athens, Greece
- Lecture 2 title: Nongenomic Effect of Thyroid Hormones in Protecting Newborn Rat Cardiocytes against hypoxia and Calcium Overload
Speaker 2 name: Asher Shainberg
Contact details: Faculty of Life Sciences, Bar-Ilan University, Ramat-Gan, Israel
- Lecture 3 title: Molecular Regulation of Cardiac Cell Survival by NF- κ B and mTOR Signaling pathways
Speaker 3 name: Lorrie Kirshenbaum
Contact details: Institute of Cardiovascular Sciences, Faculty of Medicine University of Manitoba, St. Boniface General Hospital Research Centre, Winnipeg, Manitoba, Canada
- Lecture 4 title: Cardiomyocyte tlr4 is involved in heart dysfunction following septic shock or myocardial ischemia
Speaker 4 name: Edith Hochhauser
Contact details: Cardiac Research Laboratory, Felsenstein Medical Research Center Tel Aviv University, Israel

Haifa 2011 - Symposium 9 (28/6/11; 9.00AM)

Symposium Title: Mechanoelectric phenomena (Green hall)

Chair 1 name: Prinzen Frits W
 Contact details: Dept. of Physiology, Maastricht University,
 Maastricht, The Netherlands

Chair 2 name: Dan Adam
 Contact details: Department of Biomedical Engineering,
 Technion, Israel Institute of Technology,
 Haifa, ISRAEL

Lecture 1 title: Non excitatory stimulation
 Speaker 1 name: Frank Heinzl
 Contact details: Medical University Graz,
 Graz, Austria

Lecture 2 title: Mechano-electrical coupling and cardiac resynchronization
 Speaker 2 name: Prinzen Frits W
 Contact details: Dept. of Physiology, Maastricht University,
 Maastricht, The Netherlands

Lecture 3 title: Cyclic nucleotide microdomains in cardiac hypertrophy
 Speaker 3 name: Rodolphe Fischmeister
 Contact details: Signalisation et Physiopathologie Cardiaque Inserm U769, Faculty
 of Pharmacy University of Paris-Sud, Chatenay-Malabry France

Oral Presentation:
 An Experimental Test of The Vendelin Conjecture
 Loiselle, Denis

Oral Presentation:
 Sonic hedgehog signaling modulates excitation-contraction coupling
 in adult ventricular cardiomyocytes
 Paulis, L. (to be
 presented by
 Alain
 Lacampagne)

Oral Presentation:
 Contribution of TRPC/Cav1.2 complex to electromechanical activity
 of the developing heart
 Sabourin, Jessica

Haifa 2011 - Symposium 10 (28/6/11; 11.00AM)

Symposium Title: Update on AMPK and the heart (Green Hall)

Chair 1 name: Fabio di Lisa
Contact details: Univ Padua, Dept Biomed Sci,
Padova, Italy

Chair 2 name: David Garcia-Dorado
Contact details: Hosp Univ Vall Hebron,
Barcelona, Spain

Lecture 1 title: AMPK, glycogen accumulation and cardiomyopathies
Speaker 1 name: Michael Arad

Contact details: Heart Institute, Sheba Medical Center and Sackler School of
Medicine, Tel Aviv University, Israel

Lecture 2 title: AMPK, a putative therapeutic target to treat myocardial ischemia,
hypertrophy and insulin-resistance
Speaker 2 name: Luc Bertrand
Contact details: Luc Bertrand, Division of Cardiology, Université catholique de
Louvain,
Brussels, Belgium

Oral
Presentation: Increases in Adiponectin in epicardial fat ameliorate ischemia-
induced cardiac dysfunction in obese rats through recruitment of
Vanella, L. LKB1 and pAMPK

Haifa 2011 - Symposium 11(28/6/11; 11.00AM)

Symposium Title: Focus on fibroblasts – actions and interactions (Red Hall)

Chair 1 name: Stefan Chlopicki
 Contact details: Jagiellonian Univ, Coll Med, Chair Pharmacol, Dept Expt Pharmacol, Krakow, Poland

Chair 2 name: Jonathan Leor
 Contact details: Neufeld Cardiac Research Institute, Sheba Medical Center, Tel-Aviv University, Tel-Hashomer, Israel

Lecture 1 title: Cardiac Fibroblast-myocyte Interactions
 Speaker 1 name: Patrizia Camelliti
 Contact details: Imperial College, London, UK

Lecture 2 title: Fibroblast-derived Factors and Cell-cell Interactions in Angiogenesis and Inflammation in the Cardiovascular System
 Speaker 2 name: Johann Wojta
 Contact details: Med Univ Vienna, Dept Internal Med 2, Vienna, Austria

Oral Presentation: Simulated ischemia induces closure of gap junctional channels and opening of hemichannels in cardiomyofibroblasts
 Johansen, David

Oral Presentation: S100B-receptor for advanced glycation end products (RAGE) dependent vascular endothelial growth factor (VEGF) secretion by cardiac myocytes induces myofibroblast proliferation
 Tsoporis, James

Oral Presentation: MicroRNA-22 is differentially regulated in ageing hearts and modulates cardiac fibrosis via its target mimecan
 Jazbutyte, V.

Haifa 2011 - Symposium 12 (28/6/11; 11.00AM)

Symposium Title: Cardiovascular microRNAs: challenges and opportunities (Ruth Hall)

Chair 1 name: Thomas Thum

Contact details: Institute for Molecular and Translational Therapeutic Strategies (IMTTS), Integrated Research Center (IFB-Tx), Medical School Hannover (MHH), Hannover, Germany

Chair 2 name: Cees van Echteld

Contact details: Oberwil, Switzerland

Lecture 1 title: Role of miRNAs in cardiac fibroblasts and myocytes

Speaker 1 name: Stefan Engelhardt

Contact details: Institute of Pharmacology and Toxicology Technische Universitaet Munich, Germany

Lecture 2 title: How can microRNAs improve individual prognostication in heart failure?

Speaker 2 name: Yigal Pinto

Contact details: Heart Failure Research Center
Academical Medical Center, Amsterdam

Lecture 3 title: Targeting cardiac remodelling with microRNAs: mechanisms and therapeutic approaches

Speaker 3 name: Thomas Thum

Contact details: Institute for Molecular and Translational Therapeutic Strategies (IMTTS), Integrated Research Center (IFB-Tx), Medical School Hannover (MHH), Hannover, Germany

Lecture 4 title: "Synthegradosome", a double-arm machinery that both synthesizes and degrades mRNA: are small RNAs involved?

Speaker 4 name: Mordechai Choder

Contact details: Faculty of Medicine, Technion - Israel Institute of Technology
Haifa, Israel

Haifa 2011 – Symposium 13 - Debate 1 (28/6/11; 14.00PM)

Debates: (Ruth Hall)

1. Pre- and post-conditioning

Chair 1 name: Peter Ferdinandy
 Contact details: Cardiovascular Research Group, Department of Biochemistry,
 University of Szeged, Szeged, Hungary

Chair 2 name: Guro Valen
 Contact details: IMB, Department of Physiology, University of Oslo,
 Oslo, Norway

Lecture 1 title: The importance of RISK pathways in cardioprotection
 Speaker 1 Name: Derek Yellon
 Contact details: Hatter Cardiovascular Institute / Centre for Cardiology / Research
 Department of Cardiovascular Medicine
 University College London Hospital & Medical School, London, UK

Lecture 2 title: The importance of STAT pathways in cardioprotection
 Speaker 2 Name: Gerd Heusch
 Contact details: Direktor des Institutes für Pathophysiologie, Universitätsklinikum
 Essen, Germany

2. "Cardiac myocyte resident (regenerating) stem cells, do they exist?"

Chair 1 name: Sian Harding
 Contact details: Myocardial Systems Biology, National Heart and Lung Institute,
 Imperial College London, London, UK

Chair 2 name: Thomas Eschenhagen
 Contact details: Department of Experimental & Clinical Pharmacology & Toxicology,
 University Medical Center Hamburg-Eppendorf, Hamburg, Germany

Speaker Pro: Martin W. Bergmann
 Contact details: Asklepios Klinik St. Georg, Hamburg, Germany

Speaker Con: Loren J. Field
 Contact details: Wells Center / Riley Hospital,
 Indianapolis USA

Haifa 2011 - Symposium 14 (29/6/11; 9.00AM)

Symposium Title: Alterations of mitochondrial respiration in cardiac disease (Ruth Hall)

Chair 1 name: Efstathios Iliodromitis
 Contact details: 2nd University Department of Cardiology, Medical School, Attikon General Hospital, University of Athens, Athens, Greece

Chair 2 name: Fabio di Lisa
 Contact details: Univ Padua, Dept Biomed Sci, Padova, Italy

Lecture 1 title: Changes in respiratory chain function in ischemic preconditioning

Speaker 1 name: Marisol Ruiz-Meana

Contact details: Institut de Recerca, Hospital Vall d'Hebron
 Barcelona, Spain

Lecture 2 title: Oxidative stress and mitochondrial (dys)function

Speaker 2 name: Fabio di Lisa

Contact details: Univ Padua, Dept Biomed Sci, Padova, Italy

Lecture 3 title: Circulating factors controlling mitochondrial function in heart failure

Speaker 3 name: Anne Garnier

Contact details: Unité INSERM U769, Faculté de Pharmacie, Châtenay-Malabry France

Oral Presentation: Mitochondrial DNA (mtDNA) damage during myocardial ischemia – marker or maker of injury?
 Bliksoen, Marte

Oral Presentation: DJ-1: a novel agent against ischaemia-reperfusion injury?
 Mukherjee, Uma

Haifa 2011 - Symposium 15 (29/6/11; 9.00AM)

Symposium Title: Epigenetic regulation of cardiac protection (Red Hall)

Chair 1 name: Horowitz Michal
Contact details: Hadassah Medical School,
The Hebrew University,
Jerusalem, Israel

Chair 2 name: Qingbo Xu
Contact details: King's College
London

Lecture 1 title: Epigenetic mechanisms play an important role in heat acclimation mediated long-term cardioprotection and cytoprotective memory

Speaker 1 name: Horowitz Michal
Contact details: Hadassah Medical School,
The Hebrew University,
Jerusalem, Israel

Lecture 2 title: Histone Deacetylase and Arteriosclerosis

Speaker 2 name: Qingbo Xu
Contact details: King's College
London

Lecture 3 title: Selective cardioprotection by prodrugs of histone deacetylase inhibitors

Speaker 3 name: Gania Kessler-Icekson
Contact details: Rabin Medical Center, Petach-Tikva
Israel

Oral Presentation: DNA hypomethylation and Cardiomyocyte Hypertrophy: when less gives more
Vujic, Ana

Haifa 2011 - Symposium 16 (29/6/11; 11.00AM)

Symposium Title: Novel aspects in regulation of contractility (Red Hall)

- Chair 1 name: Thomas Wieland
 Contact details: Medical Faculty Mannheim, University of Heidelberg
 Germany
- Chair 2 name: Landesberg Amir
 Contact details: Biomedical Engineering Faculty, Technion Israel Inst Technol
 Haifa, Israel
- Lecture 1 title: Sarcomere mechanics: a link between pump function and
 arrhythmias
 Speaker 1 name: Landesberg Amir
 Contact details: Biomedical Engineering Faculty, Technion Israel Inst Technol
 Haifa, Israel
- Lecture 2 title: Nucleoside diphosphate kinase regulates cardiac contractility
 through caveolae formation
 Speaker 2 name: Thomas Wieland
 Contact details: Medical Faculty Mannheim, University of Heidelberg
 Germany
- Lecture 3 title: Calcium- and myosin dependent changes in troponin structure
 during activation
 Speaker 3 name: Yin-Biao Sun
 Contact details: Randall Division of Cell & Molecular Biophysics
 King's College London
- Lecture 4 title: The Dynamics of Cardiac Sarcomere Relaxation
 Speaker 4 name: Corrado Poggesi
 Contact details: Department of Physiological Sciences, University of Florence,
 Florence
 Italy
- Oral
 Presentation: Cyclic GMP Enhancing Therapy Promotes Titin Phosphorylation and
 Hamdani, Nazha Corrects High Cardiomyocyte Passive Stiffness in Diastolic Heart
 Failure

Haifa 2011 - Symposium 17 (29/6/11; 11.00AM)

Symposium Title: The mechanism of post-conditioning protection - Already solved? (Ruth Hall)

Chair 1 name: Derek Yellon
 Contact details: Hatter Cardiovascular Institute / Centre for Cardiology / Research Department of Cardiovascular Medicine
 University College London Hospital & Medical School, London, UK

Chair 2 name: Gerd Heusch
 Contact details: Institut für Pathophysiologie, Universitätsklinikum Essen, Essen, Germany

Lecture 1 title: Does cGMP play a role ?
 Speaker 1 name: David Garcia-Dorado
 Contact details: Hosp Univ Vall Hebron
 Barcelona, Spain

Lecture 2 title: Influence of metabolic diseases on cardiac stress adaptation: an overview
 Speaker 2 name: Peter Ferdinandy
 Contact details: Cardiovascular Research Group, Department of Biochemistry, University of Szeged, Hungary

Oral Presentation: Bell, Robert
 Parallel pathway to protection: inhibition of matrix metalloproteinases at reperfusion is independent and additive to the protection associated with inhibiting the mitochondrial permeability transition pore

Oral Presentation: Lemoine, Sandrine
 The preservation of the bioenergetics systems by postconditioning during myocardial ischemia-reperfusion

Oral Presentation: Vigneron, François
 (Delivered by Lemoine, Sandrine)
 Postconditioning signaling is independent of Wnt and mTOR pathways, unlike preconditioning.

Haifa 2011 - Symposium 18 (29/6/11; 14.00PM)

Symposium Title: Signaling microdomains in cardiac hypertrophy (Ruth Hall)

Chair 1 name: Jorg Heineke

Contact details: Medizinische Hochschule Hannover, Klinik für Kardiologie und Angiologie, Hannover, Germany

Chair 2 name: Edith Hochhauser

Contact details: Cardiac Research Laboratory, Felsenstein Medical Research Center Tel Aviv University, Israel

Lecture 1 title: Class II HDAC signalling in hypertrophy through a nuclear pore mechanism

Speaker 1 name: Izhak Kehat

Contact details: Cincinnati Childrens ´s Hospital Medical Center Cincinnati, USA

Lecture 2 title: Epac signalling in cardiac hypertrophy

Speaker 2 name: Frank Lezoualc'h

Contact details: Toulouse, France

Oral Presentation: Wright, Peter
Functional imaging of the effects of adrenaline stress on β 1/ β 2-Adrenergic signaling in ventricular cardiomyocytes by SICM/FRET

Oral Presentation: Alcalay, Yifat
Caveolae integrity is essential for cardioprotection: a role for popdc1

Haifa 2011 - Symposium 19 (29/6/11; 14.00PM)

Symposium Title: Role of extracellular matrix in cardiovascular pathology (Red Hall)

Chair 1 name: Guro Valen

Contact details: IMB, Department of Physiology, University of Oslo
Oslo, Norway

Chair 2 name: Jane-Lise Samuel

Contact details: INSERM U942, Hôpital Lariboisière
Paris, France

Lecture 1 title: Overview of CCN family proteins

Speaker 1 name: Håvard Attramadal

Contact details: Institute of Surgical Research, Oslo University Hospital –
Rikshospitalet
University of Oslo, Norway

Lecture 2 title: Matrix remodeling in the heart

Speaker 2 name: Stephane Heymans

Contact details: Maastricht Univ,
Maastricht, Netherlands

Lecture 3 title: QSOX1, a new biomarker of acute heart failure

Speaker 3 name: Jane-Lise Samuel

Contact details: INSERM U942, Hôpital Lariboisière
Paris, France

Lecture 4 title: Targeting macrophages for optimal infarct repair

Speaker 4 name: Jonathan Leor

Contact details: Neufeld Cardiac Research Institute, Sheba Medical Center, Tel-Aviv
University, Tel-Hashomer, Israel

Haifa 2011 – Closing Symposium (29/6/11; 16.00PM)

Symposium Title: Closing Symposium (Ruth Hall)

Young investigator prize ceremony

Posters award ceremony

Servier Fellowship Award

Presidents' Distinguished lecture: Dr. Sian Harding,
Myocardial Systems Biology, National
Heart and Lung Institute, Imperial
College London, London, UK

“Takotsubo Cardiomyopathy – lessons from a natural protective mechanism?”

Adjourn