

MAGYAR SZEREPLÉS A 2016-OS ESC KONGRESSZUSON RÓMÁBAN

Az Európai Kardiológusok Társasága idén augusztus 27-e és 31-e között rendezte meg éves kongresszusát Rómában. Részvétel tekintetében sikerült megdönteni a tavalyi londoni rendezés rekordját. Idén 27928-an utaztak Rómába, a világ legnagyobb orvosi kongresszusára.

A Magyar Kardiológusok Társaságának 232 tagja vett részt a kongresszuson. A kongresszusra 11138 absztrakt került beküldésre, melyből 4591-et fogadtak el. Hat üléselnökséget, kilenc előadást és harminc posztert mutattak be magyar kardiológusok. Tizenkilenc posztert a Városmajori Szív- és Érgyógyászati Klinika, négyet a Pécsi Tudományegyetem, hármat a Debreceni Egyetem, kettőt a Szegedi Tudományegyetem és egyet-egyét a Honvédkórház és a Szent Imre Kórház munkatársai mutattak be.

ÜLÉSELNÖKSÉG (6)

- Badimon L. (Barcelona, ES); Ferdinándy Péter
From Plaque to Infarction: Discovering Novel Therapeutic Targets
- Erlinge D. (Lund, SE); Koller Ákos
Myocardial Ischaemia Reperfusion Injury: A Proof of Concept?
- Merkely Béla; Pokushalov E.
Atrial Fibrillation in Clinical Practice
- Creager M.A.; Merkely Béla
Hot Line Preventive Strategies 2
- Dorobantu M. (Bucharest, RO); Koller Ákos
Young Investigators Awards Session: Coronary Pathophysiology and Microcirculation
- Koller Ákos; Padro T. (Barcelona, ES)
Basic and Translational Science Hot Line 1

ELŐADÁSOK (9)

- Koller Ákos: Microvascular dysfunction and myocardial ischaemia: what we have learnt from basic science?
- Sárközy Andrea: Narrow QRS tachyarrhythmia – Clinical case (Edegem, BE)
- Maurovich-Horvat Pál: Plaque morphology in acute myocardial infarction – Inflammatory and image biomarkers
- Apor Astrid: Why is Global Longitudinal Strain important in patients with valvular diseases? (Hands-on training 3 alkalommal)
- Maurovich-Horvat P: Future direction for research in plaque imaging – Does CTA have a role?
- Kutiyifa Valentina: Patterns of electrical instability
- Muk Balázs: All for one and one for all, when one transplant is not enough

POSZTER SZEKCIÓK (30 poszter)

Semmelweis Egyetem Városmajori Szív- és Érgyógyászati Klinika (19)

- A. Olah¹, B.T. Nemeth¹, C. Matyas¹, A. Lux¹, M. Ruppert¹, D. Kellermayer¹, L. Szabo¹, M. Torok¹, A.A. Sayour¹, A. Meltzer¹, K. Benke¹, B. Merkely¹, T. Radovits¹, ¹Semmelweis University, Heart and Vascular Center - Budapest – Hungary

Characteristic distinction of energy-dependent hemodynamics in physiological and pathological left ventricular hypertrophy is related to different myocardial expression of mitochondrial regulators (moderált poszter)

- P. Maurovich-Horvat¹, M. Kolossvary¹, Z. Bagyura¹, A. Bartykowszki¹, C. Celeng¹, A.L. Jermendy¹, J. Karady¹, M. Karolyi¹, A. Panajotu¹, B. Szilveszter¹, B. Merkely¹, ¹Semmelweis University, Heart and Vascular Center, MTA-SE Cardiovascular Imaging Research Group - Budapest – Hungary

Intelligent cardiac CT registry: the feasibility of a structured reporting and automated registry generation in the daily routine

- Z. Ruzsa¹, B. Nemes¹, E.M. Vegh¹, B. Teleki², B. Berta¹, K. Huttl¹, B. Merkely¹, ¹Semmelweis University, Heart Center - Budapest - Hungary, ²County Hospital of Kecskemet - Kecskemet – Hungary

Learning curve of the transradial approach of percutaneous carotid intervention

- M. Ruppert¹, S. Korkmaz-Icoz², S. Li², B. Merkely¹, M. Karck², G. Szabo², T. Radovits¹, ¹Semmelweis University Heart Center - Budapest - Hungary, ²University of Heidelberg, Department of Cardiac Surgery - Heidelberg – Germany

Electrical reverse remodeling following pressure unloading in a rat model of a left ventricular hypertrophy.

- A. Kovacs¹, C. Matyas¹, A. Olah¹, B.T. Nemeth¹, S. Braun¹, D. Kellermayer¹, L. Szabo¹, M. Torok¹, M. Ruppert¹, A.A. Sayour¹, B. Merkely¹, T. Radovits¹, ¹Semmelweis University, Heart and Vascular Center - Budapest - Hungary

Characteristic changes of systolic and diastolic function in rat models of type 1 versus type 2 diabetes mellitus assessed by speckle-tracking echocardiography

- A. Kovacs¹, Z. Toser², M. Tokodi¹, F.B. Farkas¹, B. Lakatos¹, A. Kosztin¹, A. Assabiny¹, B. Sax¹, B. Merkely¹, ¹Semmelweis University Heart and Vascular Center, Cardiovascular Imaging Research Group - Budapest - Hungary, ²Eotvos Lorand University, Department of Software Technology and Methodology - Budapest - Hungary

Shift in relative contribution of longitudinal and radial motion to global right ventricular function in heart transplant patients

- N. Sydo¹, T. Sydo², J.G. Murphy³, B. Merkely¹, T.G. Allison⁴, ¹Semmelweis University Heart Center - Budapest - Hungary, ²Csolnoky Ferenc Hospital, Cardiology - Veszprem - Hungary, ³Mayo Clinic - Rochester - United States of America, ⁴Mayo Clinic, Sports Cardiology Clinic - Rochester - United States of America

Significance of change in heart rate recovery from test to test

- A. Kovacs¹, A.A. Molnar¹, M. Kolossvary¹, B. Szilveszter¹, L. Littvay², A.D. Tarnoki³, D.L. Tarnoki³, G. Jermendy⁴, P. Maurovich-Horvat¹, P.P. Sengupta⁵, B. Merkely¹, ¹Semmelweis University Heart and Vascular Center, Cardiovascular Imaging Research Group - Budapest - Hungary, ²Central European University - Budapest - Hungary, ³Semmelweis University, Department of Radiology and Oncotherapy - Budapest -

Hungary, ⁴Bajcsy-Zsilinszky Hospital - Budapest - Hungary, ⁵The Zena and Michael A. Wiener Cardiovascular Institute - New York - United States of America,

Inheritance of left ventricular structure and function implies no genetic predisposition to hypertensive heart disease in Caucasian twins

- E. Zima¹, J. Papp², R. Bover³, R. Karaliute⁴, A. Rossi⁵, C. Szymanski⁶, R. Troccoli⁷, J. Schneider⁸, M. Fagerland⁹, J.A. Camm¹⁰, D. Atar⁹, ¹Semmelweis University Heart Center - Budapest - Hungary, ²Military Hospital - Budapest - Hungary, ³Hospital Carlos III - Madrid - Spain, ⁴Hospital of Lithuanian University of Health Sciences - Kaunas - Lithuania, ⁵Gabriele Monasterio Foundation - Pisa - Italy, ⁶University Hospital of Amiens - Amiens - France, ⁷Polyclinic Hospital of Bari - Bari - Italy, ⁸Berlin School of Public Health (BSPH), Bayer - Berlin - Germany, ⁹Oslo University Hospital - Oslo - Norway, ¹⁰St George's University of London - London - United Kingdom,

Ratio of TEE usage in the era of NOACS: TALENT multicenter European Registry

- E. Gara¹, S.Z. Kiraly¹, G. Kiszler², J. Skopal¹, M. Polos¹, B. Merkely¹, S.E. Harding³, G. Foldes³, ¹Semmelweis University, Heart Center - Budapest - Hungary, ²Semmelweis University, Department of Pathology and Experimental Cancer Research - Budapest - Hungary, ³Imperial College London, National Heart and Lung Institute - London - United Kingdom

FOXO1A modifies arterial and venous endothelial development from human pluripotent stem cells, they establish 3D vascular structures in vitro and quantifiable vascular networks in vivo.

- M. Kolossvary¹, B. Szilveszter¹, I.F. Edes², S. Nardai², Z. Bagyura¹, V. Voros³, S. Voros³, B. Merkely², P. Maurovich-Horvat¹, ¹Semmelweis University Heart Center, MTA-SE Lendület Cardiovascular Imaging Research Group - Budapest - Hungary, ²Semmelweis University, Heart and Vascular Center - Budapest - Hungary, ³Global Genomics Group - Atlanta - United States of America

Coronary CT angiography detects twice as much atherosclerotic burden compared to invasive angiography.

- L.A. Geller¹, G. Szeplaki¹, K.V. Nagy¹, T. Tahin¹, N. Szegedi¹, E.E. Ozcan¹, T. Szabo¹, M. Srej¹, T. Bettenbuch¹, E. Zima¹, P. Maurovich-Horvath¹, A. Bartykovszki¹, A. Jermendy¹, I. Osztheimer¹, B. Merkely¹, ¹Semmelweis University, Cardiovascular Center - Budapest - Hungary

Invasive management of iatrogenic pulmonary vein stenosis effective in patients after atrial fibrillation ablation

- J. Karady¹, B. Szilveszter¹, Z.D. Drobni¹, M. Kolossvary¹, D. Danicska¹, G. Marosi¹, A. Bartykowszki¹, A.L. Jermendy¹, M. Karolyi¹, A. Panajotu¹, Z. Bagyura¹, B. Merkely¹, P. Maurovich-Horvat¹, ¹Semmelweis University Heart Center, MTA-SE Lendulet Cardiovascular Imaging Research Group - Budapest - Hungary

Alcohol consumption and presence of coronary artery disease.

- A.I. Nagy¹, A. Manouras², A. Vankateshvaran³, S.C. Sola³, S.C. Govind³, P.K. Dash³, L. Lund⁴, B. Merkely⁵, ¹Semmelweis University Heart Center, Cardiology - Budapest - Hungary, ²Karolinska Institute, Huddinge University Hospital, Department of Cardiology - Stockholm - Sweden, ³Sri Sathya Sai Institute of Higher Medical Sciences, Cardiology - Bangalore - India, ⁴Karolinska Institute, Department of Medicine, Solna - Stockholm - Sweden, ⁵Semmelweis University, Heart Center - Budapest – Hungary

Systemic ventricular-arterial coupling and interventricular interaction in isolated post-capillary and combined pre-and post-capillary pulmonary hypertension in severe mitral stenosis.

- P. Perge¹, A.M. Boros¹, L. Geller¹, L. Molnar¹, E. Zima¹, E. Forizs¹, B. Merkely¹, G. Szeplaki¹, ¹Semmelweis University Heart Center - Budapest - Hungary

Prognostic value of novel heart failure biomarkers in patients undergoing cardiac resynchronization therapy.

- C.M. Liptai¹, P. Perge¹, A. Schneider¹, K.V. Nagy¹, L. Geller¹, A. Apor¹, G. Szeplaki¹, B. Merkely¹, ¹Semmelweis University Heart and Vascular Center - Budapest - Hungary

The predictive role of mitral regurgitation in ischemic heart failure patients undergoing cardiac resynchronization therapy.

- A.I. Nagy¹, A. Vankateshwaran², L. Lund³, A. Manouras⁴, B. Merkely¹, ¹Semmelweis University, Heart Center - Budapest - Hungary, ²Sri Sathya Sai Institute of Higher Medical Sciences, Cardiology - Bangalore - India, ³Karolinska Institute, Department of Medicine, Solna - Stockholm - Sweden, ⁴Karolinska Institute, Huddinge University Hospital, Department of Cardiology - Stockholm – Sweden

Physiologic and prognostic implications of the negative diastolic pulmonary pressure gradient in patients with left heart disease.

- C. Celeng¹, P. Maurovich-Horvat¹, B.B. Ghoshhajra², B. Merkely¹, T. Leiner³, R.A.P. Takx³, ¹Heart and Vascular Center, Semmelweis University, MTA-SE Cardiovascular Imaging Research Group - Budapest - Hungary, ²Harvard Medical School, Massachusetts General Hospital, Cardiac MRI PET CT Prog, Dept of Radiology - Boston - United States of America, ³University Medical Center Utrecht, Radiology - Utrecht – Netherlands
- K. Benke¹, A. Sayour¹, C.S. Matyas¹, A. Olah¹, M. Ruppert¹, B.T. Nemeth¹, T. Fischinger¹, M. Polos¹, I. Hartyanszky¹, G. Szabo², Z. Szabolcs¹, B. Merkely¹, T. Radovits¹, ¹Semmelweis University, Heart and Vascular Center - Budapest - Hungary, ²University of Heidelberg, Department of Cardiac Surgery - Heidelberg – Germany

Pharmacological preconditioning with gemfibrozil preserves cardiac function after heart transplantation

Pécsi Tudományegyetem (4)

- A.B. Nogradi¹, L. Porcsa¹, T. Minier², L. Czirjak², A. Komocsi¹, R. Faludi¹, ¹Heart Institute of PTE - Pecs - Hungary, ²Department of Rheumatology and Immunology, PTE - Pécs – Hungary

Determinants of the right atrial mechanics in systemic sclerosis

- A. Porpacz¹, A. Nogradi¹, M. Strenner¹, T. Minier², L. Czirjak², A. Komocsi¹, R. Faludi¹, ¹University of Pecs, Heart Institute - Pecs - Hungary, ²University of Pecs, Department of Rheumatology and Immunology - Pecs – Hungary

Left ventricular diastolic function is a determinant of the left atrial mechanics in systemic sclerosis

- A. Komocsi¹, B. Merkely², T. Szuk³, K. Csapo⁴, L. Toth⁵, Z. Ruzsa⁶, R.G. Kiss⁷, P. Andrassy⁸, F. Nagy⁹, G. Lupkovics¹⁰, Z. Koszegi¹¹, A.C. Dezsi¹², P. Ofner¹³, D. Aradi¹⁴, A. Janosi¹³, ¹University of Pecs, Heart Centre - Pécs - Hungary, ²Semmelweis University Heart Center - Budapest - Hungary, ³University of Debrecen, Department of Cardiology - Debrecen - Hungary, ⁴Borsod-Abaúj-Zemplén County Hospital, Department of Cardiology - Miskolc - Hungary, ⁵St. George, Fejér County Hospital, Cardiology Department - Székesfehérvár - Hungary, ⁶Békés-Kiskun County Hospital, Invasive Cardiology Department - Kecskemét - Hungary, ⁷Medical Centre, Hungarian Defence Forces - Budapest - Hungary, ⁸Bajcsy-Zsilinszky Hospital - Budapest - Hungary, ⁹2nd Dept. of Internal Medicine - Szeged - Hungary, ¹⁰Zala

County Hospital - Zalaegerszeg - Hungary, ¹¹Andr s J sa University Teaching Hospital - Nyiregyh za - Hungary, ¹²Aladar Petz Teaching County Hospital - Gy r - Hungary, ¹³Gottsegen Gyorgy Hungarian Institute of Cardiology - Budapest - Hungary, ¹⁴Balatonfured State Cardiology Hospital - Balatonfured - Hungary

Platelet function guided antiplatelet therapy after coronary intervention for myocardial infarction, a propensity score matched analysis from the Hungarian national registry of myocardial infarction

- R. Faludi¹, M. Tokes-Fuzesi², G. Nagy³, L. Czirjak³, A. Komocsi¹, ¹Heart Institute, University of Pecs - Pecs - Hungary, ²University of Pecs, Department of Laboratory Medicine - Pecs - Hungary, ³University of Pecs, Department of Rheumatology and Immunology - Pecs – Hungary

Galectin-3 is an independent predictor of survival in systemic sclerosis

Debreceni Egyetem (3)

- A. Kiss¹, G. Sandorfi¹, I. Edes¹, Z. Csanadi¹, M. Clemens¹, ¹University of Debrecen, MHSC-Faculty of Medicine, Institute of Cardiology - Debrecen – Hungary

Unfavourable outcome after the upgrade of an implantable cardioverter defibrillator to cardiac resynchronization therapy

- E. Nagy-Balo¹, A. Vorobcsuk², T. Ivanauskiene³, G. Rackauskas³, E. Grifoni⁴, S. Padayattil-Jose⁵, K.A. Fox⁶, ¹University of Debrecen, Department of Cardiology - Debrecen - Hungary, ²University of P cs, Heart Institute, Department of Interventional Cardiology - P cs - Hungary, ³University Hospital Santariskiu Klinikos, Centre of Cardiology and Angiology - Vilnius - Lithuania, ⁴University of Florence, Department of Experimental and Clinical Medicine - Firenze - Italy, ⁵University of Padova, Department of Cardiac Thoracic and Vascular Sciences - Padua - Italy, ⁶University of Edinburgh - Edinburgh - United Kingdom,

Triple or dual antithrombotic management of patients with atrial fibrillation and coronary artery disease? An observational study from Italy, Lithuania and Hungary

- O. Hajas¹, A. Kiss¹, E. Nagy-Balo¹, K. Kovacs², N.K. Toth³, F. Sarkady³, Z.S. Bagoly³, Z.S. Bereczky³, L. Muszbek³, L. Csiba², Z. Csanadi¹, ¹University of Debrecen, Institute of Cardiology - Debrecen - Hungary,²University of Debrecen, Institute of Neurology - Debrecen - Hungary,³University of Debrecen, Department of Laboratory Medicine - Debrecen – Hungary

Haemostasis changes during percutaneous transcatheter isolation of the pulmonary veins in patients with atrial fibrillation

Prognostic value of obstructive coronary artery disease on CTA in diabetic patients: a meta-analysis.

Szegedi Tudományegyetem (2)

- R. Gaspar¹, M. Pipicz¹, F. Hawchar¹, A. Gorbe¹, A. Gacser², C.S. Csonka¹, T. Csont¹, ¹University of Szeged, Department of Biochemistry - Szeged - Hungary, ²University of Szeged, Department of Microbiology - Szeged – Hungary

The cytoprotective effect of biglycan core protein involves TLR4 signaling in primary cardiomyocytes

- T. Hornyik¹, A. Castiglione², G. Franke², S. Perez-Feliz², P. Major³, L. Hiripi³, G. Koren⁴, Z.S. Bosze³, A. Varro¹, M. Brunner², C. Bode², I. Baczko¹, K. Odening², ¹University of Szeged, Department of Pharmacology and Pharmacotherapy - Szeged - Hungary, ²Heart Center University of Freiburg, Department of Cardiology and Angiology I - Freiburg - Germany, ³NARIC Agricultural Biotechnology Institute - Gödöllo - Hungary, ⁴Brown University, Cardiovascular Research Center - Providence - United States of America

Combined use of transgenic LQT2, LQT5 and LQT2-5 rabbit models with decreased repolarization reserve as novel tool for pro-arrhythmia research (moderált poszter)

MH Egészségügyi Központ (1)

- J. Papp¹, E. Zima², R. Bover³, R. Karaliute⁴, A. Rossi⁵, C. Szymanski⁶, R. Troccoli⁷, J. Schneider⁸, M.W. Fagerland⁹, J.A. Camm¹⁰, D. Atar¹¹, ¹Medical Centre, Hungarian Defence Forces, Cardiology Department - Budapest - Hungary, ²Heart and Vascular Center, Semmelweis University - Budapest - Hungary, ³Hospital Clinic San Carlos, Cardiology Department - Madrid - Spain, ⁴Lithuanian University of Health

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Changes of oral anticoagulation in elective cardioversion - results from a European cardioversion registry

Szent Imre Kórház (1)

- G. Simonyi¹, T. Ferenci², M. Medvegy³, ¹St. Imre University Teaching Hospital, Metabolic Center - Budapest - Hungary, ²John von Neumann Faculty of Informatics, University, Physiologic Controls Group - Budapest - Hungary, ³Flor Ferenc Hospital of County Pest, Cardiology - Kistarcsa – Hungary

Persistence of fixed and free combination of perindopril and amlodipine in hypertension Persistence of fixed and free combination of perindopril and amlodipine in hypertension