

SCIENTIFIC PROGRAM OF THE 48th ANNUAL MEETING

MONDAY, October 24, 2016

7:30am-9:30am Registration

8:00am **Opening Remarks**

MULTIDISCIPLINARY SESSION:

**LATEST DEVELOPMENT IN PATHOLOGY, ONCOLOGY,
RESEARCH & PRACTICE, BIOMEDICAL SCIENCES**

Moderator: Andras Khor, MD, PhD, Geza Acs, MD, PhD

8:10am **Molecular prognostic/predictive test in Breast cancer - An Update**

Geza Acs, MD, PhD (1)

8:30am **Pathology of lung transplantation**

Andras Khor, MD, PhD (2)

8:50am **Cellular stress and progression in cancer: what does not kill
makes one stronger**

Gabor Mehes, MD, PhD (3)

9:10am **Protein phosphatases mediate the chemosensitivity of leukemic cells**

Ferenc Erdodi, PhD, DSc (4)

9:30am **Survey about the cancer risk of renal transplant recipients**

Laszlo Szalontai, MD, G. Kiss, G. Vegso (5)

9:50am **Panel Discussion**

10:05am **Coffee Break**

10:15am **1. 3T MR-mammography – impact on determination of
disease extent and surgical treatment of invasive ductal
and lobular breast cancer**

**2. Multiparametric analysis of morphologic and functional MRI signs with correlation to
degree of nuclear atypia at DCIS**

Viera Lehotska, MD, PhD (6, 7)

10:45am **Altered function of a voltage-gated ion channel in
Smith-Lemli-Opitz syndrome**

Gyorgy Panyi, MD, PhD, A. Balajthy, MD (8)

11:05am **Expression of Helper T-cell master regulators in
inflammatory dermatoses and primary cutaneous T-cell
lymphoma**

AC. Hsi, IS Rosman, KR. Carson, A. Kelly, v. Viele, X. Pang, A. Musick, Andras Schaffer, MD (9)

11:25am **T-cell receptor excision circle (TREC) cutoff in newborn screening for SCID: when and how
to act**

Jolan Walter, MD, PhD (10)

11:45am **Anti-mesothelin chimeric antigen receptor T-cells in
patient with epithelial ovarian cancer**

Janos Tanyi, MD, PhD, A. R. Haas, MD, G. L. Beatty, MD, PhD, C. Stashwick, MD, M. O'Hara, MD,
M. Morgan, MD, D. Porter, MD, G. Plesa, MD, PhD, S.F. Lacey, PhD, C. H. June, MD (11)

12:05pm **CTLA4 - Its Role in Cancer and Transplantation**
Oscar Bronsther, MD (12)

12:25pm **Q&A**

12:35pm **Adjournment**

TUESDAY, October 25, 2016

7:30am-9:30am Registration

GOOD MORNING CARDIOLOGY SESSION:

Moderators: Gyorgy **Baffy** MD, PhD, Zsolt **Garami**, MD

8:00am **Cross talk between pericardial fluid coronary circulation**

Akos Koller, MD (13)

8:20am **Q&A**

YOUNG INVESTIGATORS: MULTIDISCIPLINARY, TRANSLATIONAL RESEARCH, BASIC BIOMEDICAL SCIENCE

Moderators: Zsolt **Garami**, MD, Gyorgy **Baffy** MD, PhD

8:22am **Elite male and female athlete's left ventricular magnetic resonance parameters determined by trabecula quantification**

Ibolya Csecs, MD, PhD fellow, Cs. Czimbalmos, MD, A. Toth, MD, F.I Suhai, MD, N. Sydo, MD, O. Kiss, MD, PhD, B. Horvath, Zs. Dohy, G. Merkely, MD, D. Becker, MD, PhD, H. Vago, MD, B. Merkely, MD, PhD, DSc, FESC, FACC (14)

8:34am **Biomechanical remodeling of gracilis muscle arterioles after a 12 weeks forced swim training**

Petra Nora Merkely, MS, med. student, E. Pal, PharmD, M. Torok, MD, A. Monori-Kiss, PharmD, Sz. Varbiro, MD, PhD, Gy. Nadasi, MD, PhD (15)

AWARD WINNERS YOUNG INVESTIGATORS:

8:46am **Microsurgical anastomosis techniques pressure resistance and leakage comparison on no-living models**

Balazs Szabo *, med. student (16)

8:58am **Correlation of invasion-related extracellular matrix molecules and survival of glioblastoma patients**

Laszlo Szivos** med. student, J. Virga, MD, J. Remenyi-Puskar, T. Hortobagyi , MD, PhD, FRCPath, EFN, G. Zabucky, PhD, L. Steiner E. Csosz, PhD, L Bognar, MD, PhD, A. Klekner, MD, PhD (17)

9:10am **Evaluation of IOTA simple rules and IOTA ADNEX model in the diagnosis of the ovarian tumors**

Istvan Madar***, med. student (18)

9:22am **Susceptibility testing to rifampicin and isoniazid of MDR Myc. tuberculosis cases using a nucleic acid amplification method**

Zsigmond Kalman***, med. student, L. Lorinczi, MD, PhD (19)

9:34am **Q&A**

9:44am **Coffee Break**

9:54AM **Role of IRX% during cardiac differentiation induced pluripotent stem cells from patient with Hamamy syndrome**

Lilla Juhasz, med. Student, A. O'Keane, med. student (20)

10:06am **Tanning and photoprotection: survey of behaviors and**

knowledge among medical students at the University of Szeged

Gabor Forgo, MD, Baltás Eszter, MD, Oláh Judit, MD (21)

10:18am **Expression of claudins and their potential regulatory miRNAs in patients with primary colorectal cancer and liver metastases**

Janos Karczuba, med. student, E. Kontsek, B. Gyongyosi, A. Lendvai, PhD, Zs. Schaff, MD, PhD, A. Kiss, MD, PhD (22)

10:30am **Investigating the impact of cognitive load on network measures in the prefrontal cortex**

Frigyes Samuel Racz, PhD student, P. Mukli, MD, Z. Nagy, MD, A.Eke, MD, PhD (23)

10:42am **Does enriched environment have a neuroprotective effect on Parkinson's disease ?**

Gabor Horvath, MD, PhD, A. Jungling, MD, A.Tamas, MD, PhD, DrHabil, Zs. Nozomi Karadi, MD, B.D. Fulop, MD, P. Kiss MD, PhD, B. Gaszner, MD, PhD, DrHabil A.Reglodi, MD, PHD, DrHabil (24)

11:02am **Q&A**

MULTIDISCIPLINARY SESSION: GENERAL PUBLIC HEALTH - MEDICAL IMAGING

Moderator: Karoly Kismartoni, MD

11:15am **Alcohol consumption and presence of coronary artery disease**

Julia Karady, MD, PhD fellow, B. Szilveszter, Z. D. Drobni, M. Kolossvary, D. Danicska, G. Marosi, A. Bartykowszki, A. L. Jermendy, M. Karolyi, A. Panajotu, Z. Bagyura, B. Merkely, P. Maurovich-Horvat (25)

11:27am **Effect of fitness on comorbidities and mortality in never, past and current smokers**

Nora Sydo, MD, PhD fellow, T. Sydo MD, N. Hussein MD,FACC, K.Gonzalez Carta MD, JG. Murphy, MD,FACC, B. Merkely, PhD,DSc,FESC,FACC, F. Lopez-Jimenez MD,FACC, TG. Allison, PhD,MPH,FACC (26)

11:39am **Genetic effects on femoral atherosclerotic traits and its genetic covariance with carotid intima-media thickening**

Adam Domonkos Tarnoki, MD, PHD, L.Tarnoki, MD,PhD, B. Fejer, MD, P. Lucatelli, MD, L. Littvay, PhD, P. Maurovich-Horvat, MD, PhD,MPH, A.L. Jermendy, MD, A.Kovacs, MD, PhD, C. Fagnani, MS, M.A. Stazi, MS, PhD, DSc, A. A. Molnar, MD,PhD, F. Fanelli, MD,PhD,DSc, C. Cirelli, MD, F. Farina, MD, C. Baracchini, MD, PhD, G. Pucci, MD, Gy. Jermendy, MD,PhD,DSc, Bela Merkely, MD,PhD,DSc, G.Schillaci, MD,PhD,DSc, E. Medda, MS (27)

12:00pm **Interstitial lung diseases: differential diagnosis and difficulties of interpretation in HRCT**

David Laszlo Tarnoki, MD,PhD, A. D.Tarnoki, MD,PhD, K. Karlinger, MD,PhD, med.Habil (28)

12:20pm **Update on Hungarian Twin Registry and progress in twin studies in Hungary**

David Laszlo Tarnoki, MD,PhD, Ádám D. Tárnoki, MD, PhD, L. Littvay, D. Melicher (29)

12:35pm **Q&A**

12:45pm **Adjournment**

* **Balazs Szabo**, med. student
Ivan Krisztinicz, MD Student Award Recipient (sponsored by HMAA)

** **Laszlo Szivos**, med. student
HMAA Student Award Recipient (sponsored by G. and P. Acs MD, PhD)

*** **Istvan Madar** , med. student
Zsigmond Kalman , med. student
HMAA Student Award Recipient
(sponsored by G. Baffy, MD, PhD, Past President of HMAA)

WEDNESDAY, OCTOBER 26, 2016

7:30am-9:30am Registration

ISTVAN PIRKO, MD, MEMORIAL SESSION IN NEUROLOGY AND NEUROIMAGING

Moderator: Tamas Seres , MD, PhD

8:00am **Advances in the endovascular management of brain aneurysms: flow diverter therapy**

Gabor Toth, MD, M. Bain, MD, S. John, MD, R. Cerejo, MD, M. S. Hussain, MD (30)

8:20am **Outcomes of endovascular treatment for posterior circulation aneurysms at a single comprehensive stroke center**

Kiddy Levente Ume, MD, A. Elkouzi, MD, F. Siddiqui, MD, C. Muehle, MD, R. Burke, MD, A. Elias, MD (31)

8:40am **Duplex assessment of carotid tumor**

Borbala Csinta, med. student, Zs. Garami, MD (32)

8:52am **Prospective transcranial doppler and carotid duplex study in Alzheimer's disease**

Zsuzsanna Petyko, med. student, Zs. Garami, MD, A. E. Roher, MD (33)

9:04am **Contrast-enhanced ultrasound**

Zsolt Garami, MD (34)

9:24am **Q&A**

9:30am **Break**

WILLIAM GANZ, MD, MEMORIAL SESSION IN CARDIOLOGY AND VASCULAR SURGERY

Moderator: Zsolt Garami, MD

9:35am **Incidence of major complications during electrophysiological studies and ablation procedures**

Szilvia Herceg, MD, PhD fellow, N. Szegedi, MD, T. Tahin, MD, K.V. Nagy, MD, I. Osztheimer, MD, Prof. B. Merkely, MD, PhD, DSc, FESC, FACC, G. Szeplaki, MD, PhD, L. Geller, MD, PhD (35)

9:50am **Treatment of a rare complication in the 21st century**

Balint Kittka, MD, A. Koranyi, MD, PhD, T. Simor, MD, PhD, Med.Habil., I. Horvath, MD, PhD, Med. Habil. (36)

10:05am **1. Kounis syndrome: a coronary hypersensitivity disorder**

Tamas Seres , MD, PhD, M. Cheung, MD (37)

2. Management of iatrogenic right ventricle free wall perforation during epicardial VT ablation

Tamas Seres , MD, PhD, N. Hamilton, MD (38)

10:35am **Retrograde injection technique for endovenous chemical ablation of varicose veins, a case study**

Steven Deak, MD, PhD, FACS (39)

10:55am **The Mayo Clinic experience with open and endovascular repair of popliteal artery aneurysms**

Peter Gloviczki, MD, FACS (40)

11:15am **The way to Rio**

Bela Merkely, MD, PhD, DSc, FESC, FACC (41)

11:35am **Q&A**

11:45am **Break**

GASTROENTEROLOGY AND GYNOCLOGY SESSION

Cooperation or competition in medical procedures?

Moderator: Istvan **Somkuti**, MD, PhD

11:55am **Interventional endoscopy and digestive surgery: Cooperation, competition, or both?**
Gyorgy Baffy, MD, PhD (42)

12:15pm **Update on Bariatric Procedures for the Treatment of Morbid Obesity: What's Old, What's New and What's ?**
Edward Hatchigian, MD (43)

12:35pm **Clinical outcomes of robotic versus open myomectomy**
Istvan Somkuti, MD, PhD (44)

12:55pm **Q&A**

1:00pm **Membership Meeting**
All members are expected to attend

1:30pm **Adjournment**

THURSDAY, OCTOBER 27, 2016

7:30pm– 9:30pm Registration

JOHN W. ERTL, MD MEMORIAL SESSION IN ORTHOPEDIC SURGERY

Moderators: Thomas **Krisztinicz**, MD, Gyorgy **Kovacs**, MD

8:00am **Remembering for John W. Ertl, MD:**

The Making of a Modern-day Renaissance Surgeon: Janos Ertl, MD
Janos P. Ertl, MD (45)

8:10am **The dorsal instability of the shoulder**

Kevin Kovacs, med. Student, G. Kovacs, MD (46)

8:22am **3 years follow-up of operative rotator cup repair**

Gergo **Merkely**, MD, G. Kovacs, MD (47)

8:42am **All problems solved in regular subacromial decompression?**

Anna Victoria Muenker, med. student, G. Kovacs, MD (48)

8:54am **Q&A**

9:00am **Shoulder Arthroplasty - Options and Indications**

Gyorgy Kovacs, MD, K. Kovacs, med. student (49)

9:20am **Acetabular reconstruction with morsellised cancellous allografts and reinforcement rings in hip revision arthroplasty**

István Gergely, PhD, S. Zuh, S. P. Tudor, R. Octav, O. Nagy (49a)

9:40am **Post-treatment following shoulder endoprosthesis**

Heiko **Muenker**, MD, A. V. Muenker, med. student, G. Kovacs, MD (50)

10:00am **The ERTL Procedure:**

Dedicated to the Legacy of Dr. Janos V. Ertl

Janos P. Ertl, MD (51)

10:20am **Q&A**

10:30am **Break**

RECENT TECHNICAL ADVANCES IN MEDICINE

Moderator: Szilard Kiss, MD

10:40am **Mechanistic convergence of photo-biomodulation and clinical effect**

Raymond Lanzafame, MD, MBA, FACS (52)

11:00am **Two pilot studies into Class IV Laser treatment at a National Health Service Hospital; non-healing diabetic wounds and chronic hand tendonitis**

Professor L. Gaudi FRCP, G. Maltese, MD, H. Rapley BSc, D. Reississ, MD, M. James
FRCS, R. Box, BSc, A. Chierchia, BA, Dr. Stephen Barabas BSc, BVMS (53)

11:20am **Promising new treatments for retinal diseases: gene therapy and engineered cells**

Szilard Kiss, MD (54)

- 11:40am **How I have incorporated WALANT into my practice**
Anthony Barabas, BM, BSc, MRCS, FRCS, (55)
- 12:00pm **Long term functional and morphological outcomes and patient satisfaction after cataract surgery with progressive apodised diffractive multifocal intraocular lens (PAD-Mf-IOL) implantation**
Jozsef Gyory, MD , E. Madar, MD (56)
- 12:20pm **Q&A**
- 12:30pm **Adjournment**

6:00pm **Banquet with Cocktail Hour
at Sarasota Yacht Club**

FRIDAY, OCTOBER 28, 2016

8:00am-9:30am Registration

**MULTIDISCIPLINARY: UROLOGY, PUBLIC HEALTH
GENERAL MEDICINE**

Moderator: Karoly Kismartoni, MD

8:30am **The structure of complexity**

Lajos Peter Balogh, PhD, Prof (57)

8:50am **Public health implications of Zika virus**

Louis M Huzella, DVM, Diplomate ACVP (58)

9:10am **Economical questions of health care especially regarding
some key indicators – Hungarian data – international outlook**

Peter Schmidt, MD, PhD, CSc, J. Juhasz, MD (59)

9:30am **Poor agreement between creatinine and cystatin C based
assessment of glomerular filtration rate in diabetic and
nondiabetic children without manifest kidney disease**

Oliver Racz, MD, B. Fodor, A. Lukacs, L. Barkai (60)

9:50am **Urological and medical aspect of genital piercing and complications of unusual erotic
stimulations**

George Paul Szollar, MD (61)

10:10am **Q&A**

10:20am **Coffee break**

**MULTIDISCIPLINARY: NEUROLOGY, CARDIOVASCULAR,
GENERAL MEDICINE**

Moderator: Lajos Toth, MD

10:30am **Migraine treatments through the ages. from crocodile tied to the head to Botulinum toxin
injected to the head.**

Agnes Virga, MD (62)

10:50am **Medical Marijuana and Epilepsy**

Gabor, Zoltay, MD (63)

11:10am **Flow diversion in the treatment of complex cerebral aneurysm** Tibor Becske, MD (64)

11:30am **Symptomatic & Disease Modifying Therapy in Parkinson Disease**

Zoltan Mari, MD (65)

11:50am **1.TAVI through the carotid artery access under local anesthesia a series of 50 patients**

Erno Ramsey-Semmelweis, MD (66)

**2. Successful treatment of a juvenile coarctatio aortae with poststenotic mycotic pseudo-
aneurysm combined with recurrent symptomat**

Rainer Moosdorf MD,(presenting by Ramsey –Semmelweis, MD) (67)

12:20pm **Q&A**

12:30pm **CLOSING REMARKS**

Andras Khor, MD *Up-coming President of HMAA*