



*Association of Hungarian-  
American Academics*

Amerikai Magyar Akadémikusok  
Társasága



## **4<sup>th</sup> Conference of AHAA/AMAT Scientific & Business Meeting**

*April 4-6, 2019 – Memphis, TN*

Freeman Auditorium of the Hamilton Eye Institute  
University of Tennessee Health Science Center  
(3rd floor, 930 Madison Avenue, <http://www.uthsc.edu/>)

### **Program Overview**

Thursday, April 4, 2019

- Arrival & registration at hotels
- 6:00 pm: AHAA/AMAT leadership meeting, *Belle Memphis* room on the 2<sup>nd</sup> floor, River Inn Hotel (invitation only)
- 7:00 pm: AHAA/AMAT Board dinner, *The Lookout Restaurant at the Memphis Pyramid*, on top of the Bass Pro Shop in the Pyramid (5-minute walk from the River Inn, <https://stores.basspro.com/us/tn/memphis/1-bass-pro-dr.html>, invitation only)

Friday, April 5, 2019

- 8:15 am: Arrival and conference registration at the Freeman Auditorium
- 8:45 am: Welcome
- 9:00 am: Scientific presentations
- 12:00 pm: Lunch in the Food Court on the 1<sup>st</sup> floor or food trucks at Health Science Park
- 1:00 pm: Scientific presentations
- 5:00 pm: Business meeting (closed to AHAA/AMAT members and MTA representatives)
- 7:00 pm: Gala Dinner at *Paulette's Restaurant in the River Inn* (no-host).
- ??? pm: Visit to Beale Street Blues Clubs – Downtown Memphis – on your own

Saturday, April 6, 2018

- 9:00 am: Scientific presentations by members of MTA Köztisztület
- 10:30 am: Roundtable about the future of the research institute network of the Hungarian Academy Sciences and Hungarian Science Beyond the Borders.
- 11:30 am: Chartered bus will take participants to the *Bar-B-Q Shop* restaurant at 1782 Madison avenue for lunch (no-host)
- 2:00 pm: Chartered bus will take participants to their hotels

### **Live streaming links:**

Conference Day 1

<https://mediaserver.uthsc.edu/uthscms/Play/06e31edd56824104adcd88665b2aced41d>

Conference Day 2

## Scientific presentations, Friday April 5, 2019

### Welcome & introduction

- 8:45 am **Steve Youngentob**, PhD, Executive Assoc. Vice Chancellor for Research, UTHSC  
**Záborszky László**, MD, PhD, President, AHAA/AMAT  
**Tigyi Gábor**, MD, PhD, Local organizer, AHAA/AMAT Secretary/Treasurer

### Morning Session 1: Chair **Prof. Záborszky László**

- 9:00 am Tér-idő az agyban? **Buzsáki György**, *Neuroscience Institute, New York University, NY*  
10:00 am Entrepreneurship, Culture and the Epigenetic Revolution **Ács J. Zoltán**, *George Mason University, Washington, DC*  
10:20 am Anaphylatoxin C3A induces vasoconstriction and hypertension mediated by thromboxane A2 in mice. **Kerkovits Nóra (Student) Winner of AMAT Travel Award**, *Institute of Clinical Experimental Research, Semmelweis University, Budapest*  
10:40 am **Coffee break**

### Morning Session 2: Chair **Prof. Ács J. Zoltán**

- 11:00 am Changing Ethnic Patterns of Europe with Special Regard to the East-West Dichotomy. **Kocsis Károly**, *Földrajztudományi Intézet, Hungarian Academy of Sciences, Budapest*  
11:20 am The multifactorial gastroduodenal ulceration - yet ONE gene in control:Egr-1. **Szabó Sándor**, *Department of Pathology and Pharmacology, University of California Irvine, CA*  
11:40am Role of neuro-immune interactions in cigarette smoke-induced chronic airway inflammation in mice. **Csekő Kata (Student) Winner of AMAT Travel Award**, *University of Pecs, Department of Pharmacology and Pharmaceutics.*  
12:00 pm **Lunch in Food Court on the 1st floor or Food Trucks in Health Science Park**

### Afternoon Session 1: Chair **Prof. Szabó Sándor**

- 1:00 pm Modeling clinical trials using epidemiologic methods: How Big Data can help us. **Kövesdy Csaba**, *Department of Medicine, University of Tennessee Health Science Center Memphis*  
2:00 pm Interleukin-1 mediates the neuroinflammation and sensitization in a model of complex regional pain syndrome. **Pohóczky Krisztina, (Student) Winner of AMAT Travel Award**, *Institute of Clinical Experimental Research, Semmelweis University, Budapest*  
2:20 pm AI and Cyber-Physical Systems: The Good, the Bad and the Ugly. **Sztipanovits János**, *Vanderbilt University, Nashville, TN*  
2:40 pm Virulence of fowl adenoviruses. **Nagy Éva**, *University of Guelph, Guelph, ON*  
3:00 pm **Coffee Break**

### Afternoon Session 2: Chair **Prof. Módy István**

- 3:20 pm Role of the LPC-ATX-LPA axis in the development of endothelial dysfunction. **Janovicz Anna, (Student) Winner of AMAT Travel Award**, *Institute of Clinical Experimental Research, Semmelweis University, Budapest*  
3:40 pm Chloroplasts for the production of pharmaceuticals and industrial enzymes. **Maliga Pál**, *Rutgers University, New Brunswick, NJ*

- 4:00 pm: Pattern and Trend of Air Pollution in India and China. **Huszár Rudolf**, *Washington University, St Louis, MO*
- 4:20 pm Mapping, characterization and specific inhibition of allosteric protein-protein interactions in signaling networks (Rock2, APP, beta-secretase complex) **Závodszy Péter**, *Institute of Natural Sciences, Hungarian Academy of Sciences, Budapest*
- 4:40 pm Liquid extraction-based thin tissue surface sampling and chemical imaging using mass spectrometry, **Kertész Vilmos**, *Oak Ridge National Laboratory, Oak Ridge, TN*
- 5:00 pm **AHAA-AMAT Business meeting**
- 7:00 pm **Gala Dinner at Paulette's in the River Inn Hotel**

## Scientific presentations, Saturday April 6

Morning Session: Chair **Prof. Kocsis Károly**

- 9:00 am Role of gut microbiome in the development and progression of liver disease. **Baffy György**, *Harvard Medical School, Brigham and Women's Hospital, Dept. of Medicine, Boston, MA.*
- 9:20 am Water and the Sustainable Development Agenda. **Vörösmarty Károly**, *CUNY Advanced Science Research Center, New York, NY*
- 9:40 am The good guys and the bad guys: Studies of the microbiome and hospital acquired infections. **Nagy-Szakál, Dorotyia** *Biotia Inc., New York, NY.*
- 10:00 am Publish or Perish, **Balogh P. Lajos**, *Precision Nanomedicine, North Andover, MA*
- 10:30 am Roundtable discussion about the future of the research institute network of the Hungarian Academy Sciences and Hungarian Science Beyond the Borders.  
Panelists: **Závodszy Péter** (MTA & Innovációs és Technológiai Minisztérium),  
**Kocsis Károly** (MTA, Határonkon Túli Tudomány Elnöki Bizottság Elnöke),  
**Morvai Tünde** (Osztályvezető, MTA Testületi Titkárság, Határon Túli Magyarok Titkársága)  
Moderator: **Tigyi Gábor**
- 11:30 am: Chartered bus will take participants to the *Bar-B-Q Shop* restaurant at 1782 Madison avenue for lunch (no-host)
- 11:45-12:45 am: **Teleconference with MTA-AMB leadership** – invitation only –  
Office of Research Conference Room 608, 6<sup>th</sup> Floor 910 Madison Avenue
- 6:00 pm: Hungarian Dinner Party at the Tigyi-Balazs residence (3375 Waynoka Avenue)

END of Conference

### Organizing Committee

Gabor, Tigyi, Laszlo Zaborszky, Sandor Szabo, Nicholas S. Bodor, Istvan Mody, Zoltan Acs

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Association of Hungarian American Academicians

MTA

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The **Association of Hungarian American Academicians** is a not-for-profit corporation, organized for charitable, scientific, and educational purposes. Its goal is to promote interactions among Hungarian scientists working in or visiting the US through various Hungarian scientific organizations, including the New York Hungarian Scientific Society, the US West Coast Club of Hungarian Scientists, the Hungarian Medical Associations of America, The DC Hungarian Club. The Association organizes annual meetings, including popular scientific lectures to inform its members and the public about scientific fields represented by its members who are external members of the Hungarian Academy of Sciences (HAS). AHAA/AMAT established a travel fellowship fund for young Hungarian students and researchers pursuing education in science as well as to attend the annual meetings of the Association or meetings of the HAS. Current leadership: László Záborszky President; Sándor Szabó, Past-president; István Módy and Zoltán Ács Vice- Presidents; Gábor Tigyi, Secretary/Treasurer. <http://www.ahaa-amat.org/>

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