



PÉCSI TUDOMÁNYEGYETEM
UNIVERSITY OF PÉCS



Hertie-Institut
für klinische Hirnforschung

PÉCS-TÜBINGEN NEUROIMMUNOLÓGIAI NAPOK

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PÉCS-TÜBINGEN NEUROIMMUNOLOGY DAYS 2007



2007. április 12-13-14.

<http://neurology.pote.hu>

Előadók / Speakers

Hertie Institut für klinische Hirnforschung, Abteilung Allgemeine Neurologie, Universitätsklinikum Tübingen der Eberhard-Karls-Universität:

Prof. Dr. Arthur Melms
Prof. Dr. Robert Weissert
Dr. Monika Albert
Dr. Felix Bischof
Dr. Bernhard Greve
Dr. Meike Mitsdoerffer
Dr. Bettina Schreiner

Meghívott előadók / Invited speakers:

Prof. Dr. Takashi Yamamura
National Institute of Neuroscience, Department of Immunology, Tokyo,
Japan
Prof. Dr. Nagy Csongor
University of Novisad, Department of Neurology, Novisad (Újvidék)

Pécsi Tudományegyetem, Neurológiai Klinika (University of Pécs, Department of Neurology):

Prof. Dr. Sámuel Komoly
Dr. Péter Barsi
Dr. Zsolt Illés
Dr. József Janszky
Dr. Tihamér Molnár (Department of Anaesthesiology and Intensive Therapy, Pécs)
Dr. Ferenc Nagy
Dr. Ágnes Péterfalvi
Dr. Csilla Rózsa (Jahn Ferenc Teaching Hospital, Budapest)

**A konferencia akkreditálása folyamatban van.
Kérjük, mielőbb regisztráljon a mellékelt űrlapon vagy e-mailben:**

Dr. Illés Zsolt
Neurológiai Klinika Pécs, 7623 Rét u. 2.
zsolt.illes@aok.pte.hu

A RÉSZVÉTEL DÍJTALAN!

Április 12.

Neuroimmunológiai kórképek: diagnosztika és terápia
Neuroimmunological Disorders: Clinical Course and Treatment

10:00

Opening remarks

Prof. Dr. Péter Németh, Dean of Medical School, University of Pécs
(Department of Immunology and Biotechnology)

10:15-11:50

Chairs: Arthur Melms, Sámuel Komoly

Myasthenia gravis: immunopathogenesis and therapeutic strategies
(Arthur Melms, Tübingen)

Combined immunomodulatory treatment of myasthenia gravis: Hungarian experiences
(Csilla Rózsa, Pécs)

Inflammatory neuropathies: pathophysiology and current strategies for treatment
(Felix Bischof, Tübingen)

Treatment of chronic inflammatory demyelinating polyneuropathy (CIDP): Hungarian experiences
(Sámuel Komoly, Pécs)

LUNCH

12:45-14:20

Chairs: Robert Weissert, Csilla Rózsa

Paraneoplastic syndromes of the nervous system; review of cases at Pecs
(Zsolt Illés, Pécs)

Current treatment strategies for multiple sclerosis
(Robert Weissert, Tübingen)

Immunomodulatory treatments of multiple sclerosis. Hungarian experiences in the last 10 years
(Sámuel Komoly, Pécs)

Targeting S1P receptors: a new era of multiple sclerosis therapy
(Monika Albert, Tübingen)

14:30-15:40

Chairs: Felix Bischof, József Janszky

Brain morphometry in multiple sclerosis
(Ferenc Nagy, Pécs)

Functional MRI and multiple sclerosis
(József Janszky, Pécs)

Cerebral vasculitis
(Bettina Schreiner, Tübingen)

15:45-16:40

Chairs: Bettina Schreiner, Csongor Nagy

Case reports

- 1. Targeting B cells in stiff-person syndrome**
(Meike Mitsdoerffer)
 - 2. Pigment epitheliopathy and CNS inflammation**
(Bernhard Greve)
 - 3. Progressive multifocal leukoencephalopathy in X-HIGM syndrome**
(Zsolt Illés)
 - 4. Susac's syndrome**
(Zsolt Illés)
 - 5. Paraneoplastic Lambert-Eaton myasthenic syndrome and CIDP associated with multiple antineural antibodies and small-cell lung cancer**
(Csilla Rózsa)
 - 6. Isaacs syndrome associated with anti-AchR antibodies and precipitated by thyroid-surgery**
(Zsolt Illés)
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Április 13.

Neuroimmunológiai kórképek: patomechanizmus és genetika
Pathomechanism and Genetics of Neuroimmunological Diseases

10:00-11:10

Chairs: Takashi Yamamura, Bernhard Greve

Understanding neuroimmunological diseases by investigating T cells, peptides and antigen processing.

(Arthur Melms, Tübingen)

Genetic regulation of autoimmune diseases

(Bernhard Greve, Tübingen)

NK cells and multiple sclerosis: Do the innate cells mirror temporal disease activity?

(Takashi Yamamura, Tokyo)

11:20-12:30

Chairs: Monika Albert, Ferenc Nagy

"Non-immunological" aspects of multiple sclerosis

(Sámuel Komoly, Pécs)

MR-spectroscopy to understand the pathomechanism of multiple sclerosis

(Péter Barsi, Pécs)

Devic's disease, CRION and multiple sclerosis: distinct entities?

(Sámuel Komoly, Pécs)

LUNCH

13:15-15:15

Chairs: Meike Mitsdoerffer, Zsolt Illés

Autoantibodies in multiple sclerosis

(Robert Weissert, Tübingen)

Why does EDSS fail to detect exacerbations in clinical trials?

(Nagy Csongor, Újvidék)

Neuronal survival and plasticity in multiple sclerosis

(Monika Albert, Tübingen)

Regulatory T cells in neuroimmunological diseases: Treg and NKT cells

(Zsolt Illés, Pécs)

Stiff person syndrome: pathomechanism and treatment options

(Meike Mitsdoerffer, Tübingen)

15:30-16:30

Chairs: Robert Weissert, Sámuel Komoly

Kerekasztal / Symposium: Management of multiple sclerosis in Germany, Japan, Serbia and Hungary

Április 14.

Neuroimmunológiai kórképek: kísérleti megközelítés
Basic Research Topics in Neuroimmunology

9:00-9:55

Chairs: Robert Weissert, Zsolt Illés

Functional differentiation of T helper cell subpopulations

(Felix Bischof, Tübingen)

Antigen presentation in the CNS

(Bettina Schreiner, Tübingen)

Neuronal stem cells in experimental autoimmune encephalomyelitis

(Bernhard Greve, Tübingen)

10:00-10:55

Chairs: Takashi Yamamura, Sámuel Komoly

Regulatory cells and experimental autoimmune encephalomyelitis

(Takashi Yamamura, Tokyo)

Cuprizone-mediated experimental demyelination of the CNS

(Samuel Komoly, Pécs)

Inhibition of the NF- κ B pathway in a mouse model of multiple sclerosis

(Bernhard Greve, Tübingen)

11:05-12:40

Chairs: Arthur Melms, Bernhard Greve

Experimental research into novel treatments for multiple sclerosis

(Robert Weissert, Tübingen)

Invariant T cells in CNS and kidney tumors: role of NKT and MAIT cells

(Zsolt Illés, Pécs)

Preliminary results of the BHT-3009 clinical trials: immunological relevance to multiple sclerosis

(Nagy Csongor, Újvidék)

Increased level of C-reactive protein at onset of acute ischemic stroke correlates with elevation of leukocyte anti-sedimentation rate and S100b and predicts outcome

(Tihamér Molnár, Pécs)

Rapid changes in adaptive immune responses in acute ischemic stroke

(Ágnes Péterfalvi, Pécs)

12:45

Zárszó

Zsolt Illés, Sámuel Komoly (Pécs)

Closing remarks

Bernhard Greve, Arthur Melms, Robert Weissert (Tübingen)

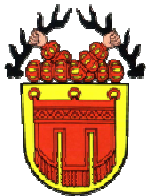
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Janus Pannonius **Breuer Marcell**
1434-1472 **1902-1981**

Pécs

The first Christian cemeteries of Pécs dating back to the 4th century's Roman city Sopianae are inscribed on the World Heritage List. A document written in Salzburg in 871 mentioned the early medieval city first as Quinque Basilicae and the name Pécs appears in documents in 1235. The cathedral of Pécs was built in the 11th century. King Louis the Great founded the first university of Hungary in Pécs in 1367. The university had the right to teach all arts and sciences except theology. In 1459, Janus Pannonius the most important medieval poet of Hungary became the bishop of Pécs. The city was occupied by the Ottomans for a hundred years from 1543. The University of Pécs today has the highest number of students in Hungary. Medical sciences are taught in English and German as well. The world-famous Bauhaus architect Marcel Breuer and opart founder Victor Vasarely were born at Pécs. The city has been selected to be one of the European Capitals of Culture in 2010.



Johannes Kepler **Alois Alzheimer**
1571-1630 **1864-1915**

Tübingen

The university town of Tübingen has witnessed almost a millennium of history, with the castle, the historic Old Town and the medieval buildings of the different institutes. In 1078 Tübingen was mentioned in writing for the first time, and in the middle of the 13th century Tübingen achieved town status and civil liberty under the Palatine Counts of Tübingen. The city arms show the tripartite banner of the Palatine Counts; around 1514 the deer antlers of Württemberg were added. Towards the end of the 15th century Count Eberhard im Barte founded the university with the slogan "attempo" (I will attempt it). To date, the city is energized by the complementary connection between history, civic community and university. A number of world-famous poets and scientists studied or taught at the university, eg. Johannes Kepler, Friedrich Hölderlin, Alois Alzheimer.