

## Péter Mátyus

### Personal Information:

Date and place of birth: May 29, 1952; Budapest  
Citizenship: Hungarian  
Languages: Hungarian, English, German  
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### Education:

M.S. (Synthetic Organic Chemistry) Technical University Budapest, 1970-1975;  
M. Litt. (Doctor) Technical University Budapest 1980;  
Degree in Medicinal Chemistry (post-graduate) Technical University Budapest 1979-1981;  
Habilitation, A. Szent-Györgyi Univ., Szeged 1997; Full Professor since 1998;  
C.Sc.(PhD); D.Sc. Hungarian Academy of Sciences (highest scientific degree).

### Postdoctoral Fellowships:

*Fellowship* of the A.v. Humboldt-Foundation (Germany): Inst. für Organische Chemie und Biochemie der Univ. Bonn (H. Wamhoff) 1982-1984 (18 months), 1989, 1990 (6 months);  
*Fellowship* of the Ciba-Geigy Foundation for Promotion of Sciences Japan: Inst. for Chem. Res. of Univ. Kyoto (K. Tanaka) 1992-93 (12 months);  
*Fellowship* of the Australian Natl. University: John Curtin School of Medical Research (G. Barlin) Canberra 1993 (1 month), 1994 (3 months).  
Visiting Professor for short courses/seminars (data for the last 3 years): University Cagliari (Italy); University Modena (Italy); University Palermo (Italy); National University Singapore (ranked as No. 1 University in Asia).

### Professional Experiences:

*Institute for Drug Research*  
1975-97, last position: Head of Division (100-Staff)  
Current positions:  
Semmelweis University, *Department of Organic Chemistry*,  
1997- 2016, Head  
Semmelweis University, *Drug Discovery and Safety Centre*,  
2008-2016, Director  
Semmelweis University, *Institute of Digital Health Sciences*,  
2017-, Professor  
Pazmany Peter Catholic University, *Faculty of Information Technology*,  
2012-2014, Professor  
Bionics Innovation Center Nonprofit Ltd.  
2014-2016 Scientific Director; 2016-2017 CEO

### Membership:

1999-2007 Chair of the Division of Organic and Medicinal Chemistry of the Hungarian Chemical Society (re-elected twice). 2007-2011  
President of the Hungarian Chemical Society. 2002-2006 Member of the Council of Scientists, INTAS (EU, Brussels; re-elected).  
Associate Editor of *Future Med. Chem.*  
2004-2010 Member of the Executive Committee, and Chairman of Education and Training Committee of European Federation for Medicinal Chemistry (re-elected).  
Member of Medicinal Chemistry Subcommittee of IUPAC.  
Co-Founder of Paul Ehrlich MedChem Euro-PhD Network (currently 40 European Universities).

#### Teaching experience:

More than 30 years experiences in delivering main lectures (Organic chemistry and Medicinal chemistry) in teaching courses for pharmaceutical and chemistry students, more recently for students in Infobionics, Medical Biotechnology at graduate and postgraduate levels. Seminars in special topics with the same subjects. Supervision of PhD students. All teaching activities (in Hungarian, English) include domestic and foreign Universities. Invited lecturer for many courses/seminars.

#### Research Interest:

Medicinal chemistry of cardiovascular, central nervous systems and amine oxidases; molecular modelling and synthesis of biologically active compounds. Synthetic and mechanistic chemistry of pyridazines and nitrogen containing heterocyclic systems. Drug design. Molecular pathomechanisms. Molecular imaging, diagnostics.

#### Publications, inventions, conferences and editorial activities:

185 original papers (IF: 360); MTMT user number: 10007438  
1 book in 3 volumes and 2 editions (Organic Chemistry, in Hungarian), >10 chapters in various books (Hungarian and English);  
28 patented inventions (in most of them as main inventor).  
4 invented drug candidates entered clinical trials.

350 presentations (including many invited/plenary lectures) at National and International Scientific Meetings. Seminars and courses at various universities worldwide.

#### Conference Chair:

5<sup>th</sup> International Symposium on the Chemistry and Pharmacology of Pyridazines;  
Hungarian-German-Italian-Polish Joint Meeting on Medicinal Chemistry (2001).  
Metabolic Disorders: From Bench to Bedside (2008);  
Biennial Natl. Meeting of Hungarian Chemists (1999, 2001, 2003, 2005, 2007). Hungarian Natl Chem. Meeting (2011).  
XXI<sup>th</sup> European Colloquium on Heterocyclic Chemistry (2004), Co-chairman;  
Workshop on  $\alpha$ 2-Adrenoceptors (2006);  
Joint Meeting on Medicinal Chemistry (10 European countries, 2009);  
ICOS-20 (IUPAC, World Conference, 2014).  
From Medicine to Bionics (2016), Co-chairman.

#### Editor:

Guest Editor: THEOCHEM (2000/1-2); Acta Pharm. Hung. (2001/1); Curr. Med. Chem. (2004/1), Curr. Org. Chem. (2006/2); Future Med. Chem. (2010).  
Associate Editor (2010-): Future Med. Chem.

#### Awards:

Zemplén-Prize, Hungarian Academy of Sciences 1989.  
'Nívó'-Prize, Hungarian Chemical Society, 1996.  
Genius Prize, Committee of the Hungarian Inventors, (twice) 1996, 1998.  
Jedlik Ányos Prize, Hungarian Patent Office, 2002.  
Kazay Prize, Hungarian Pharmaceutical Society, 2004.  
Than Károly Prize, Hungarian Chemical Society, 2005.  
Náray-Szabó Gábor Prize, Hungarian Chemical Society, 2006.  
Bruckner Prize, Hungarian Academy of Sciences 2009.  
PhD-Educational Prize, Semmelweis University, 2011.  
Gabor Denes-Prize for Innovation, 2013 (the most prestigious award for innovation in Hungary).  
Gamboa-Winkler-Award, Spanish Royal Society of Chemistry, 2017

Budapest, 2017