

Curriculum Vitae



Name: **Prof. Dr. Judit Hohmann DSc.**
Corresponding Member of
Hungarian Academy of Sciences

Date of birth: 18 August 1957

Place of birth: Bóly, Hungary

Marital status: Married, 1 child László (1985)

Nationality: Hungarian

Passport number: BD 0142131 (expire 2022.03.06.)

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Education: 2006. D.Sc. (Doctor of Science) in Chemical Sciences (thesis: Isolation and structure determination of natural diterpenes), Hungarian Academy of Sciences, Budapest

2003. Habilitation in Pharmaceutical Sciences, University of Szeged, Szeged

1995. Ph.D. (15.697) Department of Pharmacognosy, Albert Szent-Györgyi Medical University of Szeged (thesis: *Isolation and structure elucidation of sesquiterpene esters from Celastraceae species*)

1980-1982. University doctor in Pharmacognosy (10/1982), University Medical School, Szeged (thesis: *Flavonoids from the roots of Amorpha fruticosa*)

1975-1980. M.Sc. in Pharmacy (44/1980)
Faculty of Pharmacy, University Medical School, Szeged

Positions: 2007- Director of the Department of Pharmacognosy, University of Szeged

2018- Head of the Doctoral School of Pharmaceutical Sciences, University of Szeged

2012-2018. Dean of Faculty of Pharmacy, University of Szeged

2004- Univ. Professor at Department of Pharmacognosy

2000-2004. Associate professor at Department of Pharmacognosy

1992-2000. Assistant professor at Department of Pharmacognosy,

1988-1992. University assistant at Department of Pharmacognosy

1987-1988. Developer engineer at Biogal Pharmaceutical Company

1982-1987. Research manager at Biotechnika Rt.

1980-1982. Research fellow at Department of Pharmacognosy, University Medical School, Szeged

Main research topics: Isolation and structure elucidation of biologically active natural products; Natural products analysis – chromatography, spectroscopy

Number of scientific papers: 305

Number of independent citations: 6566

H-index: 44

Leader of projects:

- OTKA (F5128) Isolation of biologically active sesquiterpene esters from Celastraceae species.

- MKM (495) Isolation, structure elucidation and pharmacological evaluation of diterpenes from Hungarian *Euphorbia* species
- OTKA (T022587) Isolation of biologically active diterpenes from Hungarian *Euphorbia* species.
- FKFP (0598/1999) Phytochemical evaluation of Euphorbiaceae species of the Hungarian Flora: isolation, structure elucidation and pharmacological investigation of diterpenes
- ETT (T-01211/99) Reversal of multidrug resistance of tumor cells by plant-derived compounds, investigation of anti-MDR effect of diterpenoids isolated from Hungarian *Euphorbia* species
- ETT (115 03/2001) Effects of Amaryllidaceae alkaloids on the growth of HIV-1 and mouse lymphoma cells
- OTKA (T038390) Phytochemical evaluation of Hungarian Amaryllidaceae and Ranunculaceae species: isolation, structure determination and pharmacological investigation of biologically active alkaloids
- OTKA (K72771) Isolation of natural terpenoids alkaloids and phenolic compounds with antitumor activity
- Regional Baross Gábor program (REG-DA-09-1-2009-0015) Development of phytoanalytical laboratory 2010.
- GINOP-2.3.2-15-2016-00012. New ways in the natural product-based drug discovery – system metabolomic approaches to discover biologically active terpenoids of herbal and microbial origin 2016-2020.
- GINOP-2.2.1-15-2016-00007. Innovative pharmaceutical research developments carried out in collaboration with Richter Gedeon Plc., University of Szeged and Biological Research Center of the Hungarian Academy of Sciences in order to increase market competitiveness
- INinRAGI, HIVERA Joint Transnational Project (2016-2018) – OTKA NN114619. Development of a novel family of natural and natural product based synthetic HIV Integrase inhibitors
- HUSRB/1602/31/0075 A new approach in rural ethno- and ecotourism: capacity and competence development, 2018-2020
- OTKA (135845) Natural products as potential agents against microbial infections and antimicrobial resistance

Participant in projects:

- EU 00052/1998 Comparative study of Hungarian cultivated *Salvia* species 1998-1999.
- NKFP (3/012/2001) Development of integrated technologies for environmentally sound utilization of renewable energy sources (INTER-MEGENERG), 2001-2004.
- NKFP (4/0037/2002) Development of organic cultivation and processing technologies for utilization of Hungarian medicinal and food plants (BIO-TEFET), 2002-2005.
- NKFP (19/2005) Development of new broad-spectrum non-narcotic drugs for the treatment of inflammation and neuropathies
- TÁMOP 4.2.2.A-11/1/KONV-2012-0035. Study of the interaction of environmental and genetic factors in development of immune mediated diseases and cancers 2012-2014.
- TÁMOP-4.2.1/B-09/1/KONV-2010-0005 – Creating the Center of Excellence at the University of Szeged
- TÁMOP-4.2.2-08/1-2008-0013. Development of teranostics in cardiovascular, metabolic, and inflammatory diseases
- 2019-1.1.1-PIACI-KFI-2019-00245. Development of a high-throughput suite of services for early in vitro testing of food supplement absorption and transporter protein-mediated drug interactions

positions in organizations:

In international organisations:

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| 2016- | Herbal Medicinal Products Platform Austria, scientific advisor |
| 2018-2020 | Member of the National Scientific Council of Republic of Kazakhstan in the priority direction "Life and Health Sciences" |
| 2014-2018 | Eastern European Representative of Phytochemical Society of Europe |

2008- Member of the Society of Medicinal Plant and Natural Product Research, chair of the annual congress of the society in 2015
Member of the editorial board of "Phytochemistry", "Planta Medica", "Fitoterapia", "Natural Product Communications", Frontier of Pharmacology, Ethnopharmacology", "Arabian Journal of Medicinal and Aromatic Plants", "Journal of Natural Products in Cancer Prevention and Therapy", "Open Natural Products Journal" and „Pakistan Journal of Pharmaceutical Sciences", "Phytochemistry"

in Hungarian Pharmaceutical Society:

2021- Vice-President of the Society
2018- Member of the Scientific Committee
2005-2012 President of Medicinal Plant Section
1997-2004 Secretary of Medicinal Plant Section
1979- Member of the Society

in Hungarian Academy of Sciences:

2019- Corresponding Member of the Hungarian Academy of Sciences
2017- Member of Presidential Committee for Health
2002- Secretary of the Working Group of Phytochemistry and Chemotaxonomy of the Committee for Botany
1996- Secretary of Pharmaceutical Section of Szeged Regional Committee of Hungarian Academy of Sciences
1996- President of Working Group for Pharmacognosy of Szeged Regional Committee of Hungarian Academy of Sciences
1990- Member of the Working Group for Flavonoid Chemistry
2002- Member of the Section for Cultivation of Medicinal Plants of the Agricultural Committee

in Hungarian Accreditation Committee:

2018- and 2010-2012. Member of the Expert Committee for Medical Sciences

Honours:

Széchenyi Professorship, Budapest 2000-2003
Prize of Hungarian Academy of Sciences 2011
Prize of Szeged Regional Committee of HAS 2005
Szébellédy László Award of Hungarian Pharmaceutical Society 2012
Stenszky Ernő Award of Faculty of Pharmacy, University of Szeged 2014
Visiting Professor of Kaohsiung Medical University 2017-
Kisfaludy Lajos Award for Drug Discovery 2018.
National Scientific Council of Republic of Kazakhstan, Life and Health Sciences 2018
Klebensberg Kuno Award 2021.
Honorary member of Society of Medicinal Plant and Natural Product Research 2022

Szeged, 2022-10-08