

DR. ÁGNES FARKAS

associate professor

Curriculum Vitae

Personal Data/Contacts:

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Education / Qualifications:

1997-2000: PhD-student – University of Pécs, Doctoral School for Botany
1997: degree: secondary school teacher of Biology and English
1992-1997: Janus Pannonius University: Biology, English Linguistics and Literature

Scientific degree:

2012 – habilitation (University of Pécs, Faculty of Natural Science)

2001 – PhD (University of Pécs, Faculty of Natural Science)

Title of dissertation: "Floral attractivity of *Pyrus microtaxa*"

Job experience:

2016-: University of Pécs, Faculty of Pharmacy, Department of Pharmacognosy –
associate professor
2013-2015: University of Pécs, Medical School, Department of Pharmacognosy –
associate professor
2002-2013: University of Pécs, Medical School, Department of Pharmacognosy –
assistant professor
2000-2002: University of Pécs, Medical School, Institute of Medical Chemistry –
research assistant
1997-2000: University of Pécs, Faculty of Science, Institute of Biology – PhD-student

Teaching activity:

Graduate level:

- 1997-1999: **Plant Taxonomy Practice** – Faculty of Science – Biologist
- 1999-2001: **Plant Anatomy Practice** – Faculty of Science – Biologist
- 2000-2005: **Flower Biology facultative course: palinology** – Faculty of Science
- 2001- **Pharmacobotany Lecture and Practice** – Faculty of Pharmacy
- 2002- **Pharmacognosy Practice** – Faculty of Pharmacy
- 2004- **Medicinal Plants** – facultative course – Faculty of Science
- 2006- **Pharmacognosy Lecture** – Faculty of Pharmacy
- 2006-2010 **Flower Biology** – facultative course- Faculty of Science
- 2007-2014 **Edible and Poisonous Plants** – elective course – Faculty of Science, Medical School
- 2010- **Pharmacobotany Lectures and Practices** – Faculty of Pharmacy – English language Pharmacist program
- 2010-2014 **Plants with allergenic pollen, pollen allergy, aeropalinology** – facultative course – Medical School
- 2011- **Pharmacognosy Lectures and Practices** – Faculty of Pharmacy – English language Pharmacist program
- 2012- **Herbal medicine, herbs in nutrition** – Faculty of Pharmacy
- 2013-2014 **Edible and Poisonous Plants** – Medical School – English language Pharmacist program
- 2014- **Extraction and Chromatographic Techniques in Medicinal Plant Analysis** – Faculty of Pharmacy
- 2014- **Alternative Medicine** – Faculty of Science

Postgraduate level:

- 2002- **Pollen morphology, physiology and taxonomic implications** – Faculty of Science, Doctoral School of Biology
- 2009- **Microscopic techniques for plant histology** – Faculty of Science, Doctoral School of Biology
- 2009- **Techniques for studying floral and pollination biology** – Faculty of Science, Doctoral School of Biology
- 2010- **Pharmacognosy** – pharmacist resident training

Research activity:

- Molecular, phytochemical, morphological and histological studies on medicinal plant taxa
- Active compounds and biological activities of unifloral honeys
- Nectar production and nectar composition of medicinal plants, with special emphasis on specific metabolites of nectar
- Floral and pollination biology of Rosaceae and Annonaceae taxa

Participation in research grants:

Program leader:

2005-2007: OTKA F 48815: “Structure and secretory activity of the floral nectary in some medicinal plants, specific metabolites of the nectar” – 4,5 million HUF

Sub-program leader:

2004-2007: NKFP 3A 061: “Large-scale production, complex use and recycling of biomass, as energy source, its ecological impact and role in landscape management” – 514 million HUF

2003: FVM 98857/26/2003: “Research development in integrated apple production” Working group 3: “Developing a preventive, non-antibiotic-based protection system against *Erwinia amylovora*, causative agent of fireblight”

Participant:

2012-2013: TÁMOP-4.1.2.A/1-11/1 "Megújuló gyógyszerészeti kompetenciák gyakorlatorientált elsajátítását szolgáló digitális tananyagok kifejlesztése magyar és angol nyelven, az egyetemi oktatók felkészítése a 21. század oktatási kihívásaira" – 60 million HUF

2010-2012: 06524/825 TÁMOP 4.2.1/B-09/1/KONV-2010-0006: Project 4: “Nectar production of *Cotoneaster* species as a function of biotic and abiotic environmental factors” – 10 million HUF

2009-2012: OTKA K 76176: “Plant biological significance of carotenoids and carotenoid isomers” – 14.4 million HUF

Study trips:

2005 October-November: India:

- University of Delhi: Dept. of Botany
- Botanical Survey of India, Dehradun – annual congress: oral presentation
- Dr. B.R. Ambedkar University, Agra: Dept. of Botany

2006 January-June: USA, Cornell University:

- investigation of the floral and pollination biology of *Asimina triloba* (Annonaceae)
- gaining experience in laboratory techniques of molecular biological

2007 March, 2008 March: Izrael, MIGAL Galilee Technological Institute

- investigation of compatibility relations in pome fruits with molecular biological methods
- study of the Israeli flora

Scientific awards:

2003 – Award of Scientia Amabilis Foundation for Hungarian Plant Physiology

2018 – S.N. Chaturvedi Memorial Life Time Achievement Award

Scientific Activity:

Memberships:

Hungarian Pharmaceutical Society

Hungarian Society for the History of Pharmacy

Hungarian Society of Biology - Botanical Division, Pécs Division

International Society for Horticultural Science ISHS)

Society of Plant Reproductive Biologists (SPRB) – additional secretary

Secretary (2002-2005): Pécs Committee of the Hungarian Academy of Science – Division of Biology

Congress organizing:

2008: “Medicinal Plants in Modern Phytotherapy” symposium – Pécs, 11-12 April 2008 – member of the Organising Committee

2012: „2nd Global Congress on Plant Reproductive Biology” international conference – Pécs, 15-18 April 2012 – member of the Organising Committee and head of the Scientific Committee

2012: “XIV Hungarian Symposium on Plant Anatomy” symposium – Pécs, 28-29 September – member of the Organising Committee

Language skills:

2011: PROFEX language exam for specific purposes in medicine and health sciences,

English, advanced level, complex (1402873/2011)

1991: state language exam, **English**, general, medium level (210/1991)

1990: state language exam, **German**, general, medium level (78674/1990)