



DR. KAMILLA ÁCS

assistant professor

Curriculum Vitae

Personal Data:

Name: dr. Kamilla Ács

Contacts: University of Pécs, Medical School, Department of Pharmacognosy,
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Education:

2008-2013: University of Pécs, Medical School, Hungary: Pharmacist

2013-: University of Pécs, Pharmacology and Pharmaceutical Sciences Doctoral School: PhD student

Doctoral program: A- 148/1993: The isolation and examination of biologically active compounds

Ph.D. topic: Evaluation of antimicrobial and anti-inflammatory effects of essential oils with different *in vitro* and *in vivo* techniques.

Supervisor: Dr. Györgyi Horváth, professor

Job experience:

2017-: University of Pécs, Faculty of Pharmacy, Department of Pharmacognosy:
assistant professor

Language skills:

2007: English, B2 (intermediate level), general language exam

2011: English, B2 (intermediate level), medical language exam

2015: French, B1 (basic level), general language exam

Scientific interest:

essential oil of herbs, extraction techniques, respiratory tract pathogens, antimicrobial and anti-inflammatory effects of essential oils, phytochemical methods, microbiological and pharmacological models, exotic herbs, analytical methods, phytotherapy, pharmacy

Scientific skills:

- phytochemical evaluation of medicinal plants containing essential oils
- isolation of essential oils with water-steam distillation

- chromatographic analysis of essential oils with TLC and GC, GC-MS techniques (in cooperation with Semmelweis University, Institute of Pharmacognosy)
- investigation of antimicrobial activity of essential oils and other chemical compounds isolated from medicinal plants
- *in vitro* microbiological analysis of essential oils and herbal extracts: use of direct bioautography, tube dilution and vapor-phase methods (in cooperation with University of Pécs, Medical School, Medical Microbiology and Immunology)
- *in vitro* and *in vivo* investigation of the anti-inflammatory effects of essential (in cooperation with University of Pécs, Medical School, Department of Pharmacology and Pharmacotherapy)

Research activity:

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| • publication in journals: | 4 |
| • other publications: | 10 |
| • abstracts: | 16 |
| • book chapters: | 2 |
| • teaching Supplements: | 2 |
| • impact factors: | 3.35 |
| • independent citation: | 7 |
| • citation (all): | 11 |

Honours and awards:

- TÁMOP 4.2.3., Short Term Study Program, Budapest, Hungary (2014).
- Campus Hungary, Short Term Study Program, Turkey, Istanbul (2014)
- TÁMOP 4.1.1.C-13/1/KONV-2014-0001, Short Term Study Program, Poland, Lublin (2015)
- Young Scientist Research Program of Astellas Pharma Kft., 1st prize, (2015)

Memberships:

- Hungarian Chamber of Pharmacists (2013-)
- Hungarian Society for Pharmaceutical Sciences (2013-)
- János Szentágothai College for Advanced Studies (2013-)
- László Cholnoky College for Advanced Studies (2014-)