

PERSONAL INFORMATION

Family name, First name: **Anna Karolina Kiss**

Date of birth: **31/07/1975**

Nationality: **Polish**



• EDUCATION

Habilitation: 2013 [The analysis of content and biological activity of extracts from evening primrose (*Oenothera paradoxa* Hudziok) defatted seeds. Antioxidant and anti-inflammatory activity of the main component: penta-*O*-galloyl-beta-D-glucose]. Department of Pharmacognosy and Molecular Basis of Phytotherapy, Faculty of Pharmacy, Medical University of Warsaw

PHD thesis: 2006, [The effects of rosebay willowherb (*Epilobium angustifolium*) polyphenols on the activity of metallopeptidases (ACE, NEP and APN)], Department of Pharmacognosy, Faculty of Pharmacy, Medical University of Warsaw

• PROFESSIONAL CAREER

Positions:

since 10/10/1999 Work at the Institute of Biochemistry and Biophysics, Polish Academy of Sciences in Warsaw, as a biologist

since 10/10/2000 Work at the Department of Pharmacognosy and Molecular Basis of Phytotherapy, Medical University of Warsaw as a research assistant; since 10/01/2006 as an assistant professor, since 10/01/2017 head of the Department of Pharmacognosy and Molecular Basis of Phytotherapy

Publications:

Author of 67 original papers and 4 review papers in international peer-reviewed journals, covering the field of phytochemistry and biological activity of natural products, with total IF=171.894

• GRANTED RESEARCH PROJECTS

1. Polish National Science Centre Grant No 2011/01/D/NZ4/01261 „Can the extracts obtained from *Epilobium* sp. inhibit the proliferation of LNCaP cells by affecting the activity of histone acetyltransferase (HAT)?”; **principal investigator**

2. Polish National Science Centre Grant No 2011/03/N/NZ7/01785 „Influence of gut flora-derived ellagitannins' metabolites- urolithins on pro-inflammatory activity of neutrophils in connection with cardiovascular disease”; **scientific tutor**

3. Polish National Science Centre Grant No 2012/07/N/NZ7/01136 „ The influence of chosen ellagitannins on functions of human neutrophils the context of prevention and treatment of oral cavity diseases”; **scientific tutor**

4. Scientific exchange with Austria 2015-2017 granted by OeAD (Austrian agency for international mobility and cooperation) and Ministry of Sciences and Higher Education (Poland) “Identification of interleukin-8 (IL-8) inhibitors from natural sources as potential anti-inflammatory agents for treatment of respiratory tract diseases”, a project executed at the Department of Pharmacognosy and Molecular Basis of Phytotherapy, Medical University of Warsaw and at the Department of Pharmacognosy University of Innsbruck Center for Chemistry and Biomedicine; **coordinator** and **principal investigator**

5. Polish National Science Centre Grant No 2015/17/B/NZ7/03086: „ Searching of new compounds with anti-inflammatory activity from Oleaceae family plants growing in Poland conducted using in vitro and in vivo models followed by molecular mechanism determination”; **principal investigator**

• TEACHING ACTIVITIES

2000 – 2008 Teacher– Laboratory classes, Pharmacognosy, Faculty of Pharmacy/ Medical University of Warsaw/ Poland

2008 – 2017 Lecturer – Lectures of Pharmacognosy and herbal Medicinal Products, Faculty of Pharmacy/ Medical University of Warsaw/ Poland

• MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Since 2008- Member, GA Society for Medicinal and Natural Product Research