

Personal data:

Name: András Székács

Title / position: Professor, Scientific Adviser, Deputy Director

Academic degree and year of acquisition: DSc (Doctor of the Hungarian Academy of Sciences – chemistry, 2002)

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Name of Department, Institute: Agro-Environmental Research Centre (AKK) and Department of Environmental Analysis and Environmental Technology (KKT), Institute of Environmental Sciences (KÖTI)

Professional experience: *Previous jobs, positions, assignments important from a professional point of view:*

Previous jobs, positions:

2014 – 2021	Agro-Environmental Research Institute, National Agricultural and Research Centre (The legal successor of the Central Institute of Environmental and Food Sciences), <i>Director, Scientific Adviser</i>
2011 – 2013	Central Institute of Environmental and Food Sciences previously: Central Food Research Institute (KÉKI) <i>Director-General, Scientific Adviser</i>
1984 – 2011	Plant Protection Research Institute, Hungarian Academy of Sciences Department of Ecotoxicology and Environmental Analysis previously: Department of Organic Chemistry, Department of Biotechnology <i>Senior Research Fellow, Research Fellow, Assistant Research Fellow</i>

Assignments important from a professional point of view:

1984 – 1987	Hungarian Academy of Sciences, Inland Research Scholarship
1986 – 1990	Fulbright Fellowship (Departments of Entomology and Environmental Toxicology, University of California, Davis, USA)
1993	EC Mobility Program (3 months, Università degli Studi di Milano, Italy)
1994	Hungarian Science Scholarship (Magyar Hitelbank 46/94/I)
1992-1994	US-Hungarian Joint Fund program, (3 years, University of California, Davis, USA)
1995 – 2001	János Bolyai Research Scholarship
1995, 1998, 2000	TÉT bilateral project and Hungarian government scholarships (CSIC CID Center for Research and Development, Barcelona, Spain)
1996, 1998, 2000, 2001, 2002, 2004	TÉT bilateral project, Visiting Scientist (6x1 months, Mario Negri Institute for Pharmacological Research, Milano, Italy)

1996-1998, 2002-2006	TÉT bilateral project, Visiting Scientist (9 visits, Institut für Agrarbiotechnologie (IFA), Tulln, Austria)
1997	Invited Researcher (3 months, Technische Universität München, Germany)
2000	Hungarian government scholarship (2 weeks, University of Athens, Greece)
2000 – 2006	TÉT bilateral projects (2), Visiting Scientist (8 visits, Palladin Institute of Biochemistry, Ukrainian National Academy of Sciences, Kiev, Ukraine)
2001, 2002	TÉT bilateral project, Visiting Scientist (2x2 weeks, Technische Universität Wien, Austria)
2008 – 2011	NKTH project (MONTABIO NKTH OM-00029/2008), Principal Investigator
2011	Invited Researcher (1 month, Florida International University, Miami, USA)
2012 – 2016	FP7 project (SPICED FP7 EU-FP7-SEC-2012-1-312631) Coordinator
2014 – 2018	OTKA project (OTKA K109865) Project Coordinator
2015	TÉT bilateral project, Visiting Scientist (1 week, China Agricultural University, Beijing, China)
2015 – 2018	NATO project (NUKR.SFPP 984637) Consortium Coordinator
2017 – 2021	NKFIH project (Aquafluosense NVKP_16-1-2016-0049) Consortium Coordinator
2018 – 2021	DTP project (SIMONA DTP2-093-2.1) Coordinator
2018 – 2023	several Erasmus+ projects, Coordinator
2020 – 2023	H2020 project (NETPOULSAFE H2020-RUR-2020-1 101000728) Coordinator

Graduation, education: *Name of institution providing education/training, duration, qualification*
Budapest University of Technology, Faculty of Chemical Engineering, 1984, chemical engineer MSc, 1991, PhD

Research area:

Chemical, genetic and biological environmental and food safety aspects of agricultural technologies, including organic micropollutants of the food chain (pesticides, mycotoxins, anthropogenic and technological pollutants); environmental analytical and ecotoxicological studies of genetically modified (GM) plants; development, evaluation and application of immunoassay systems; instrumental and bioanalytical methods for measuring bioactive components in environmental and food analysis; ecotoxicological assessment of agricultural products and additives.

Awards and recognitions:

- Hungarian Academy of Sciences Award for Young Scientists (1995)
- Palladin Medal in Biochemical Research (2002), (Palladin Institute of Biochemistry, Ukrainian National Academy of Sciences), Kiev, Ukraina
- Ignác Darányi Award, environmental sciences (2013)

– Officer’s Cross, Order of Merit of the Hungarian Republic (civilian) (2021)

Information about Doctoral training:

https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=5696

Publication data:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10001697>

Courses taught:

Environmental Chemical Processes (BSc, in Hungariand and English)

Environmental Chemistry (MSc, in Hungariand and English)

Environmental Technologies – Chemistry (MSc, in Hungariand and English)

Pesticide Biochemistry (MSc, in Hungariand and English)

The Biological foundations of environmental protection (MSc, in Hungariand and English)

Engineering communication and conduct (MSc, in Hungariand and English)

Agricultural Ecotoxicology (MSc, in Hungariand and English)

Selected Topics in Environmental Sciences (PhD, in English)

Optional thesis topics:

Risk assessment of pesticide active ingredients and preparations

Environmental monitoring of pollutants of agricultural origin