

PERSONAL INFORMATION

Nóra Adányiné Kisbocskói

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WORK EXPERIENCE

2014–Present

scientific advisor, head of dept.

Food Science Research Institute, National Agricultural Research and Innovation Centre, Budapest (Hungary)

- methodical development of OWLS based immunosensors for the quantification of mycotoxins, allergenic compounds and pesticide residues,
- investigation of enzyme based amperometric biosensors for controlling food quality or for on-line control in biotechnological processes,
- measurements with atomic absorption spectrophotometer,
- food analytics,
- fruit juice analytics.

1988–Present

senior researcher

Central Food Research Institute, Budapest (Hungary)

- methodical development of OWLS based immunosensors for the quantification of mycotoxins, allergenic compounds and pesticide residues,
- investigation of enzyme based amperometric biosensors for controlling food quality or for on-line control in biotechnological processes,
- measurements with atomic absorption spectrophotometer,

1981–1988

chemical engineer, trainer

Labor Instrumental Works, Budapest (Hungary)

- continuous flow analyzer,
- colorimetric and electrochemical methods,
- atomic absorption spectrometry, flame photometry.
- training and setting in operation of the produced instrumentation, developing new analytical methods

EDUCATION AND TRAINING

2014

DSc (chemistry)

Hungarian Academy of Sciences, Budapest (Hungary)

2004

PhD (food chemistry)

Technical University of Budapest, Budapest (Hungary)

1993

dr. Univ. (food analytics, biosensors)

Technical University of Budapest

1981

M.Sc. Chem. Eng. (food chemistry)

Technical University of Budapest

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	B2	B2	B2	B2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

ADDITIONAL INFORMATION

- Projects**
- 2009-2013 leader researcher, Development of high added value vegetable-based product lines and processing technologies in the interest of the healthy nutrition (USOK 2009)
 - 2010-2012 leader researcher, SILIBACT, Encapsulation of bacteria with biosilica for fabrication of bacterial bioreactors and biosensors (EU FP7)
 - 2012-2013 senior researcher, Development of potato production technologies and trademarks (NTP-BURG0009)
 - 2013-2016 leader researcher, SPICED – Securing the spices and herbs commodity chains in Europe against deliberate, accidental or natural biological and chemical contamination. (EU FP7) No. 312631
 - 2014-2015 senior researcher, Development of mineral water product family having health protecting attributes, which are proved by human clinical studies. These newly developed products will contain specific bioactive components in forms of micro-capsules. (GOP)
 - 2014-2016 senior researcher, Determination of special flour-mixture based paste types with health protective, high added value properties by novel analytical and technological processes
 - 2016-2017 leader researcher, Development of an environment-friendly process for the production of gold nanoparticles and their use for biosensor signal amplification (Norway Grants)
 - 2017-2020 leader researcher, In-situ, complex water quality monitoring by using direct and immunofluorimetry as well as plasma spectroscopy (NVKP_16)

Publications Publication: 3 book chapters; 62 papers **whereof** 55 scientific papers in English and 7 in Hungarian, 30 proceedings, 654 independent citation, 82.9 cumulative impact factor, 16 h-index