

CURRICULUM VITAE

Name: Melinda Kovács

Address: University of Kaposvár, Mycotoxins in the Food Chain research Group
H-7400 Kaposvár, Guba S. str. 40., P.O.Box 16., Hungary

Birth: Budapest, 25th April, 1959

Profession: veterinarian

Current position: professor, head of research group

Education, qualification:

2013: corresponding member of the Hungarian Academy of Sciences

2005: doctor of the Hungarian Academy of Sciences (DSc)

1997: dr. habil.

1988: Candidate of Veterinary Science (PhD)

1983: Pedagogical training

1982: Veterinary doctor

Titles of positions:

2015-: professor, head of research group

2013-2015: professor, head of the institute (University of Kaposvár)

2012-: head of the Doctorate School of Animal Science

2010-2013: professor, head of department (University of Kaposvár)

2007-2010: vice-rector, professor, head of department (University of Kaposvár)

2000-2006: vice-dean, professor, head of department (University of Kaposvár)

1999-: professor, head of department (Pannon Agric. Univ., Kaposvár)

1997-1999: habilitated associate professor, head of department (Pannon Agric. Univ., Kaposvár)

1992-1997: associate professor, head of department (Pannon Agric. Univ., Kaposvár)

1991: assistant professor (Pannon Agric. Univ., Kaposvár)

1987-1990: research worker (Pannon Agric. Univ., Kaposvár)

1983-1987: postgraduate state scholarship (Univ. Vet. Med. Budapest)

1982-1983: research practitioner (Agric. College, Kaposvár)

Administration and management:

15 years as head of department, head of the institute from 2013, 4 years as vice rector (for research and development), head of the doctoral school since 2012. Head of the University Doctoral Council between 2007 and 2010, and currently. Vice president of Section of Agricultural Sciences of the Hungarian Academy of Sciences (2017-).

Teaching activity:

Digestive physiology, Production physiology, Nutritional immunology (postgraduate)

Physiology of animal production (PhD)

Research:

Digestive physiology of pig and rabbits (development of the GI tract, composition of the microflora of the hind gut, development of brush border enzyme activities, physiology of early weaning, physiological effects of different pro/prebiotics).

Animal and human health aspects of certain mycotoxins (determination of tolerable limit values of fumonisin B1 in pigs and T-2 in rabbits, examination of foetotoxic effect, residue formation in different organs, elimination and metabolism of FB1 in pigs, monitoring human exposure to ochratoxin A in Hungary, immunosuppressive and cytotoxic effect of FB1 and T-2, effect of T-2 and FB1 on male reproduction).

PhD student supervised:

1997-2000: Tóth, Á.: Time and dose dependent effect of fumonisin B1 on pig production

1999-2005: Tornnyos, G.: Early diagnosis of fumonisin toxicosis in pig by computer tomographic examination

2000-2005: Donkó, T.: Effect of atrophic rhinitis on pig production

2002-2006: Fodor, J.: Investigation of the fumonisin B1 kinetics in pigs

2005-2007: Szabó, M.: Analysis of public health risk of mycotoxins getting into the food chain

2006-2014: Bónai, A.: Investigation of factors influencing caecal fermentation processes in rabbits

2006-2014: Pósa, R.: Study of diseases belonging to the porcine respiratory disease complex by non invasive digital imaging techniques

Current PhD students:

2009-: Rajli, V: Cytotoxicity of T-2 toxin measured in vivo and in vitro.

2010-: Hafner, D: Combined effect of T-2 and FB1 measured in vivo and in vitro.

2011-: Vántus, V: Detection of changes in the caecal microbiota of rabbits by molecular genetics tools.

2013-: Kachlek, M.: Single and combined cyto- and genotoxicity of certain mycotoxins

2014-: Szekeres, P: Fungal infection and mycotoxin contamination of sunflower

2014-: Tóth, Sz: Effect of probiotics on calves' production

Project management (in the previous 5 years): project leader in 8, deputy leader of 5, participant in 5 projects. Participating in a Marie Curie project (2013-17). Head of the 'Mycotoxins in the Food Chain Research Group' of the Hungarian Academy of Sciences.

The most important projects of the last 10 years

Topic	Founding	When?	As...
Development of healthy and environmentally friendly animal products	National Research and Development project	2005-2008	sub-theme leader
Public health concerns of toxic substances in the food chain	HAS	2007-2011	vice head of the research group
Development of modern and service oriented university in Kaposvár	Infrastructure Operational Programme (TIOP)	2010-2011	participant
Interaction between respiratory bacterial infection and fumonisin B1 mycotoxin in pigs	HSRF (OTKA)	2010-2014	participant
Academic competitiveness of the South Transdanubian region development	Social Renewal Operational Programme (TÁMOP)	2011-2013	sub-theme leader
Reproductive toxicity testing of combined mycotoxins	Social Renewal Operational Programme (TÁMOP)	2012-2014	sub-theme leader
Food safety related physiological and diagnostic researches	Social Renewal Operational Programme (TÁMOP)	2012-2014	sub-theme leader
Mycotoxins in the food chain	HAS	2013-2017	head of the research group
In vitro testing of combined mycotoxins	HSRF (OTKA)	2012-2014	project leader
Studies on some herbal additives giving partial protection against toxic or immunosuppressive effects of some mycotoxins and improving wound granulation	FP7-PEOPLE-2012 (Marie Curie)	2013-2015	participant
Research and development to prevent and decrease mycotoxin contamination	Social Renewal Operational Programme (TÁMOP)	2015	project leader
Human exposure assessment of fumonisin B1, oxidative stress, cytotoxicity and metabolic effects investigated in in vitro and in vivo models	Economic Development and Innovation Operational Programme (GINOP)	2017-2020	project leader

Publications: <https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10002189>

28 August 2017

Melinda Kovács