

prof. Kamil Kuca - Curriculum Vitae

Personal data:

Name, surname, title: Kamil Kuca, prof. Ph.D.
Date of birth: 8th February 1978
Place of birth: Prerov, Czech Republic
Address: Havlickova 404, 500 02 Hradec Kralove, Czech Republic
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Education:

Professor University of Defense, Faculty of Military Health Sciences, Hradec Kralove, CZ (branch Toxicology, 2012)
Assoc. prof. University of Defense, Faculty of Military Health Sciences, Hradec Kralove, CZ (branch Toxicology, 2009)
Ph.D. University of Defense, Faculty of Military Health Sciences, Department of Toxicology, Hradec Kralove, CZ (branch Toxicology, **December 2005**) – supervisor – [prof. Jiri Cabal, Ph.D.](#)
MSc. Institute of Chemical Technology, Department of Organic Chemistry, Prague, CZ (branch Organic Chemistry, 2001)

Professional career:

- Head, [Biomedical Research Center](#), University Hospital, Hradec Kralove (since 2011)
- [Vice-Dean for Research](#) - Faculty of Military Health Sciences, University of Defense, Hradec Kralove Czech Republic (2009-2012)
- Research and Development at the [Centre of Advanced Studies](#), Faculty of Military Health Sciences, University of Defense, Hradec Kralove, CZ (2006-2009)
- Lecturer at the [Department of Chemistry](#), Faculty of Sciences, J.E. Purkinje University, Usti nad Labem, CZ (2006-2012)
- University teacher and Research fellow at the Department of Toxicology, Faculty of Military Health Sciences, University of Defense, Hradec Kralove CZ (2001-2006)

Research record:

- 21 monographs or chapters in monographs
- 286 original and review articles in Web of Knowledge ([search as Kuca K](#))
- Over 1200 citation in Web of Knowledge without self-citation ([search as Kuca K](#))
- Over 150 oral and 360 poster presentations at the scientific meetings (author or co-author)
- H_{Index} 29 ([search as Kuca K](#))

Funding:

- principal investigator of 4 local and 1 international finished projects ([GP305/07/P162](#); [ME865](#); [OVUOFVZ200803](#); [MOOFVZ0000604](#); NATO CBP.EAP.CLG 983 024)
- principal investigator of 2 running local scientific project ([NT12062](#); [GAP303/11/1907](#))
- co-investigator or team member of 8 local and 1 international finished projects ([MOOFVZ0000501](#); [NS9748](#); [OPUOFVZ200603](#); [OVUOFVZ200801](#); [OVUOFVZ200805](#); [OVUOFVZ200807](#); [OVUOFVZ200811](#); [OVUOFVZ200905](#); [ORCHIDS](#))
- co-investigator or team member of 1 running local project ([OVUOFVZ200902](#))

Supervision of Students:

- 5 finished postgraduate students (Kamil Musilek, Jana Zdarova-Karasova, Jan Marek, Lukas Lipka, Jana Kubisova), 5 postgraduate students in progress (Ales Kasperek, Katarina Spilovska, Michal Pavlik, Klara Coufalova, Jan Misik)
- 8 finished pregraduate students; 1 pregraduate student in progress

Research Focus:

Acetylcholinesterase reactivators as treatment of nerve agent and pesticide intoxications; Acetylcholinesterase inhibitors in Alzheimer's disease and Myasthenia Gravis treatment; Synthesis of the detergents as disinfectants, decontamination means and environment for micellar catalysis; Drug design

and Development; Chemical warfare agents; Project Management; Scientific Management; Technology Transfer; Toxins.

Selected International Collaborations:

Institute for Medical Research and Occupational Health, Zagreb (Croatia, 13 contributions); Faculty of Medicine and Health Sciences, United Arab Emirates University, Al Ain (United Arab Emirates, 25 contr.); Korea Research Institute of Chemical Technology; Daejeon (Korea, 24 contr.); Department of Pharmacology and Pharmacotherapy, Semmelweis University, Budapest (Hungary, 13 contr.); Departamento de Bioquímica, Centro de Ciências Biológicas, Universidade Federal de Santa Catarina, Florianópolis, Santa Catarina (Brazil, 2 contr.); School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur (India, 11 contr.); Health Protection Agency, Oxfordshire (UK, 3 contr.); Institute of Neuroscience and Physiology, Department of Pharmacology, The Sahlgrenska Academy at University of Gothenburg (Sweden, 7 contr.); Breathitt Veterinary Center, Toxicology Department, Murray State University, Hopkinsville (USA, 1 contr.); School of Biology, University of St. Andrews, Medical and Biological Sciences, St. Andrews (UK, 7 contr.); MOA Key Laboratory of Food Safety Evaluation / National Reference Laboratory of Veterinary Drug Residues (HZAU), Huazhong Agricultural University, Wuhan (People's Republic of China, 3 contr.); Department of Cellular Biology and Pharmacology, Florida International University, Miami (USA, 4 contr.); Biosciences and Biotechnology Division, Lawrence Livermore National Laboratory, Livermore (USA, 1 contr.), etc.

Selected National Collaborations:

National Centre for Biomolecular Research, Masaryk University (Brno); Faculty of Pharmacy, Charles University (Hradec Kralove); Faculty of Medicine, Palacky University (Olomouc); Department of Psychiatry, First Faculty of Medicine, Charles University (Prague); Department of Histology and Embryology, Third Faculty of Medicine, Charles University (Prague); Faculty of Health and Social Studies, University of South Bohemia (Ceske Budejovice); Faculty of Science, J. E. Purkinje University (Usti nad Labem); Faculty of Science, University of Hradec Kralove (Hradec Kralove); Institute of Chemical Technology (Prague), etc.

Membership in professional organizations (selection):

Czech Chemical Society (2002-today); Czech Pharmaceutical Society (2003-today); Czech Society for Experimental and Clinical Pharmacology and Toxicology (2003-today); Czech Society for Biochemistry and Molecular Biology (2002-today); International Society for Study of Xenobiotics (2004-today); The New York Academy of Sciences (2007-today); American Chemical Society (2007-today); International society for Neurochemistry (2007-today); Vice-chair of the Scientific Board of the Faculty of Military Health Sciences, Hradec Kralove, Czech Republic (2009-today); Scientific Board of the University of Defence, Brno, Czech Republic (2010-2012); Scientific Board of the Faculty of Science, University Hradec Kralove, Hradec Kralove, Czech Republic (2011-today); Scientific board of the University hospital, Hradec Kralove, Czech republic (2011-today); Scientific Board of the University Hradec Kralove, Hradec Kralove, Czech Republic (2012-today), etc.

Membership in editorial boards:

Journal of Enzyme Inhibition and Medicinal chemistry (Taylor & Francis) (2006-today); The Open Enzyme Inhibition Journal (Bentham) (2008-today); Research in Pharmaceutical Biotechnology (Academic Journals) (2009-today); Military Medical Science Letters (Vojenske Zdravotnicke Listy) – Editor-in-Chief (FMHS, CR) (2010-today); iBusiness (Scientific Research Publishing, Inc. USA) (2010-today); Journal of Applied Biomedicine (CZ) (2010-today), etc.

Reviewer (selected journals):

Journal of Medicinal Chemistry 4x; Critical Care Medicine 5x; Journal of Applied Biomedicine 5x; Bioorganic & Medicinal Chemistry 6x; Letters in Drug Design and Discovery 5x; Journal of Enzyme Inhibition and Medicinal Chemistry 12x; Molecules 3x; Basic and Clinical Pharmacology and Toxicology 4x; Letters of Organic Chemistry 3x; European Journal of Medicinal Chemistry 5x; Chemico-Biological Interactions 6x; etc.

For more information: [Kamil KUČA](http://www.fnhk.cz/cbv) (www.fnhk.cz/cbv)