CURRICULUM VITAE

PERSONAL INFORMATION

Name:	Károly Nagy
Date of birth:	03.04.1986
Place of birth:	Debrecen
Address:	9/B, Nagykároly str., Debrecen, 4034, Hungary
Telephone/E-mail:	+36 30 332 0001 / nagy.karesz47@gmail.com

SCIENTIFIC DEGREE

2015	PhD 63/2015. University of Debrecen Genotoxic evaluation of occupationally and environmentally occurring biocides: the sterilizing agent ethylene oxide and the pyrethroid insecticide phenothrin

WORK EXPERIENCE

2015-	Assistant lecturer Division of Occupational Health, Department of Preventive Medicine, Faculty of Public Health, University of Debrecen
2013-2015	Research assistant MTA-DE Public Health Research Group, University of Debrecen

QUALIFICATIONS

2017-2018	Environmental Health and Safety Specialist Faculty of Engineering, University of Debrecen
2009-2015	PhD in Health sciences Doctoral School Health Sciences, Faculty of Public Health, University of Debrecen
2004-2009	MSc in Public health Faculty of Public Health, University of Debrecen

EDUCATIONAL ACTIVITIES

2013- Participation in the education at the Faculty of Medicine, Faculty of Pharmacy, Faculty of Dentistry, Faculty of Public Health and Faculty of Engineering, University of Debrecen by performing lectures, seminars and practices in Hungarian and English languages

RESEARCH AREA

Characterisation of DNA damage induced by environmental/occupational genotoxins

Investigation of gene variants predisposing to obesity among the general Hungarian and Roma populations

ROLE IN SCIENTIFIC COMMUNITY

2009- Association of Public Health Training and Research Institutions member

PROFESSIONAL EXPERIENCE

2017 Nagy K, Congying Z, Ádám B: oral: Evaluation of the genotoxic properties of pencycuron, a commonly used phenylurea fungicide. [in Hungarian] IX. Conference of the Hungarian Association of Public Health Schools (NKE), 30 Aug – 1 Sept, 2017, Szeged, Hungary

2015 Nagy K, Fiatal Sz, Sándor J, Nagy A, Rácz G, Bárdos H, Ádány R: oral: Distinct penetrance of obesity associated susceptibility alleles in the Hungarian general and Roma populations. [in Hungarian] IX. Conference of the Hungarian Association of Public Health Schools (NKE), 26-28 Aug, 2015, Pécs, Hungary

2014 Nagy K, Ádány R, Szűcs S, Ádám B: poster: Susceptibility of lung epithelial cells to alkylating genotoxic insult. 50th Congress of the European Societies of Toxicology (EUROTOX), 7-10 Sept, 2014, Edinburgh, Scotland

2014 Nagy K, Ádány R, Szűcs S, Rácz G, Takashi M, Ádám B: oral: Genotoxic evaluation of occupationally and environmentally occurring biocides: the sterilizing agent ethylene oxide and the pyrethroid insecticide phenothrin. [in Hungarian] VIII. Conference of the Hungarian Association of Public Health Schools (NKE), 27-29 Aug, 2014, Nyíregyháza, Hungary

2013 Nagy K, Rácz G, Takashi M, Ádány R, Ádám B: oral: Genotoxic evaluation of the synthetic pesticide phenothrin by using Comet assay. [in Hungarian] VII. Conference of the Hungarian Association of Public Health Schools (NKE), 4-6 Sept, 2013, Kaposvár, Hungary

2012 Nagy K, Ádám B, Szűcs S, Ádány R: poster: Toxicokinetic monitoring of human cell cultures exposed to ethylene oxide. VI. Conference of the Hungarian Association of Public Health Schools (NKE), 5-7 Sept, 2012, Budapest, Hungary

2011 Nagy K, Ádám B, Ádány R: poster: Increased role of the alkylating effect of ethylene oxide in the genotoxic damage of lung epithelial cells. V. Conference of the Hungarian Association of Public Health Schools (NKE), 31 Aug – 2 Sept, 2011, Szeged, Hungary

2010 Nagy K, Ádám B, Ádány R: oral: Susceptibility of lung and colon epithelial cells to the genotoxic effect of ethylene oxide. [in Hungarian] IV. Conference of the Hungarian Association of Public Health Schools (NKE), 2-4 Sept, 2010, Szombathely, Hungary

PUBLICATIONS

Károly Nagy, Congying Zheng, Claudia Bolognesi, Balázs Ádám: Interlaboratory evaluation of the genotoxic properties of pencycuron, a commonly used phenylurea fungicide. *Science of The Total Environment*, 647: pp. 1052-1057. (2018)

Károly Nagy, Szilvia Fiatal, János Sándor, Róza Ádány: Distinct penetrance of obesity associated susceptibility alleles in the Hungarian general and Roma populations. *Obesity Facts*, 7: 10(5): pp. 444-457. (2017)

Károly Nagy, Róza Ádány, Sándor Szűcs, Balázs Ádám: Susceptibility of lung epithelial cells to alkylating genotoxic insult. *Environmental and Molecular Mutagenesis,* 54: (8) pp. 682-689. (2013)

Károly Nagy, Gábor Rácz, Takashi Matsumoto, Róza Ádány, Balázs Ádám: Genotoxic evaluation of the pyrethroid insecticide phenothrin. *Mutation Research – Genetic Toxicology and Environmental Mutagenesis,* 770: pp. 1-5. (2014)

SCHOLARSHIPS

2014 Campus Hungary Scholarship, National Excellence Program
TÁMOP 4.2.4. B/2-11/1-2012-0001
Short study program

2013-2014 Ányos Jedlik Scholarship for PhD Candidates in the Convergence Region, National Excellence Program
TÁMOP 4.2.4. A/2-11-1-2012-0001

NATIONAL SCIENTIFIC APPLICATIONS

2012-2015 IGEN-HUNGARIAN: Identification of Disease Related Genes in the Hungarian Population
TÁMOP 4.2.2.2.A-1/11/KONV-2012-0031
Supervisor: Prof Dr Róza Ádány

INTERNATIONAL SCIENTIFIC APPLICATIONS

2016- (DiMoPEx) COST-Action: Diagnosis, Monitoring and Prevention of Exposure-Related Noncommunicable Diseases
CA15129

Supervisor: Prof. Lygia Therese Budnik

LANGUAGE SKILLS

English – advanced „C1" type medical professional language exam
English – intermediate „C" type language exam
German – intermediate „C" type language exam

OTHERS

PC user knowledge: MS Office applications, statistical and epidemiological software (Stata, Epi Info), scientific literature databases

B type driving license

16 April 2019