

## PERSONAL INFORMATION

## Eva Dražanová



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Sex female | Date of birth 01/04/1982 | Nationality Czech Republic

## WORK EXPERIENCE

- 2015 -2016 **Member of CEITEC Ethics Committee**  
CEITEC – Central European Institute of Technology  
Koliště 13a, 602 00 Brno, Czech Republic
- 2013 - **PhD student at Masaryk University - Pharmacology**  
Department of pharmacological sciences, Faculty of Medicine, Masaryk University  
Kamenice 753/5, 625 00 Brno, Czech Republic
- 2013 - **Researcher ISI CAS, v.v.i.**  
Královopolská 147, 612 64 Brno, Czech Republic  
<http://www.isibmo.cz/>
- 2010 - **Veterinary clinician - MaScHEER Clinic in Malešovice**  
Malešovice 67, 664 65 Malešovice, Czech Republic  
<http://www.mascheer.cz/?p=5&lang=sk>
- 2009 - 2010 **Veterinary clinician – The clinic of small animals in Ostrava**  
Dolní 34, 700 30 Ostrava, Czech Republic  
[mvd.miroslav.dvorak@gmail.com](mailto:mvd.miroslav.dvorak@gmail.com)
- 2007 - 2009 **Veterinary clinician – The clinic of small animals in Brno**  
Oblá 75a, Brno, Česká republika  
Zvěřinova 23, Brno, Czech Republic  
<http://www.drhladik.cz/>
- 2006 **Instructor of sea kayaking**  
<http://www.njord.as/nb/>

## EDUCATION AND TRAINING

- 2012, 2014 The Course for the ability working with laboratory animals and getting the ethical clearance
- 12.2013, 5.2014 NMR and animal models training - Radbound University  
<http://www.ru.nl/english/>  
<http://www.uib.no/en/node/36362>
- 2013 NMR and animal models training- University of Bergen  
<http://www.uib.no/en/node/36362>
- 5.2013 NMR course  
 Workshop - conference ISMRM 2015  
 Salt Lake City  
<http://www.ismrm.org/13/>
- 2007 Doctor of Veterinary Medicine  
 graduated from the School of Veterinary Medicine at the University of Brno, Czech Republic
- 2007 Veterinary practice at the Askvoll animal clinic in Norway  
[http://www.gulesider.no/f/helene-marie-%C3%B8gaard-veterin%C3%A6r:85734152?search\\_word=veterin%C3%A6r+askvoll](http://www.gulesider.no/f/helene-marie-%C3%B8gaard-veterin%C3%A6r:85734152?search_word=veterin%C3%A6r+askvoll)
- 2006 Dermatology Seminar
- 2006 Dentistry Seminar
- 2006 International Anesthesiology Seminar
- 2006 Biological osteosynthesis with the use of crossing pins and rings and external skeletal fixation (Intramedullary interlocking nail system)
- 2005 Rescue course for sea kayaking Norway, Bulandet

## PERSONAL SKILLS

Mother tongue(s) czech

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Listening	Reading
english	B2	B2	B2	B2	B2
french	B1	B1	B1	B1	B1
norwegian	B1	B1	B1	B1	B1

Communication skills The ability to communicate - moderate.

Organisational / managerial skills	Organizational skills gained through active participation in the planning of studies on small animals, including the controlling an animal welfare.
Job-related skills	<ul style="list-style-type: none"> <li>- Endocrinology of small animals</li> <li>- Ophthalmology of small animals</li> <li>- Teaching pharmacology - human medicine students</li> <li>- Teaching internal medicine – veterinary students</li> <li>- Ultrasound diagnostics</li> <li>- Experimental medicine</li> </ul>
Computer skills	User knowledge of programmes: ImageJ, FSL (FMRIB Software), MATLAB (MathWorks), Microsoft Office (Excel, Word, PowerPoint), ParaVision 5.1
Driving licence	B

## ADDITIONAL INFORMATION

- Memberships**
- KVL ČR – Chamber of Veterinary Doctors of Czech Republic

**Publications**

*Articles in journals*

- **Dražanová E, Ruda-Kucerová J, Krátka L, Horska K, Demlova R, Starčuk Z Jr., Kaspárek T. Poly(I:C) model of schizophrenia in rats induces sex-dependent functional brain changes detected by MRI that are not reversed by aripiprazole treatment.** Brain Res Bull. 2018; 137:146-155. doi: 10.1016/j.brainresbull.2017.11.008. IF 3.033
- **Večeřa J, Bártová E, Krejčí J, Legartová S, Komůrková D, Rudá-Kučerová J, Štark T, Dražanová E, Kašpárek T, Šulcová A, Dekker FJ, Szymanski W, Seiser C, Weitzer G, Mechoulam R, Micale V, Kozubek S. HDAC1 and HDAC3 underlie dynamic H3K9 acetylation during embryonic neurogenesis and in schizophrenia-like animals.** J Cell Physiol. 2018; 233(1):530-548. doi: 10.1002/jcp.25914. IF 4.080
- **Zikmund T, Novotná M, Kavková M, Tesařová M, Kaucká M, Szarowská B, Adameyko I, Hrubá E, Buchtová M, Dražanová E, Starčuk Z Jr, Kaiser J. High-contrast differentiation resolution 3D imaging of rodent brain by X-ray computed microtomography.** Journal of Instrumentation, 2018, Volume 13, doi: 10.1088/1748-0221/13/02/C02039 IF 1.220
- **Horska K, Ruda-Kucerová J, Dražanová E, Karpisek M, Demlova R, Kaspárek T, Kotolova H. Aripiprazole-induced adverse metabolic alterations in poly:I:C neurodevelopmental model of schizophrenia in rats.** Neuropharmacology. 2017; 123:148-158. doi: 10.1016/j.neuropharm.2017.06.003. IF 5.012
- **Khaimar A, Ruda-Kucerová J, Szabó N, Dražanová E, Arab A, Hutter-Paier B, Neddens J, Latta P, Starčuk Z Jr, Rektorova I. Early and progressive microstructural brain changes in mice overexpressing human  $\alpha$ -Synuclein detected by diffusion kurtosis imaging.** Brain Behav Immun. 2017; 61:197-208. doi: 10.1016/j.bbi.2016.11.027. IF 5.964
- **Khaimar A, Ruda-Kucerová J, Dražanová E, Szabó N, Latta P, Arab A, Hutter-Paier B, Havas D, Windisch M, Sulcova A, Starčuk Z Jr, Király A, Rektorova I. Late-stage  $\alpha$ -synuclein accumulation in TNWT-61 mouse model of Parkinson's disease detected by diffusion kurtosis imaging.** J Neurochem. 2016; 136(6): 1259–1269. doi: 10.1111/jnc.13500. IF 4.083
- **Khaimar A, Latta P, Dražanová E, Ruda-Kucerová J, Szabó N, Arab A, Hutter-Paier B, Havas D, Windisch M, Sulcova A, Starčuk Z Jr, Rektorova I. Diffusion Kurtosis Imaging Detects Microstructural Alterations in Brain of  $\alpha$ -Synuclein Overexpressing Transgenic Mouse Model of Parkinson's Disease: A Pilot Study.** Neurotox Res. 2015; 28(4):281-9. doi: 10.1007/s12640-015-9537-9. IF 3.140

*Conference papers*

- **Dražanová E, GROSSOVÁ L, Pistovčáková J, Khaimar A, Demlová R, Kašpárek T, Starčuk Z Jr. Using ASL Method for Monitoring of Brain Perfusion Changes in a Rat Model of Schizophrenia and After Chronic Administration of Aripiprazole.** Proceedings of the 10th International Conference on Measurement, Bratislava, 2015.

- Jiřík R, Souček K, **Dražanová E**, Grossová L, Standara M, Kratochvíla J, Macíček O, Malá A, Taxt T, Starčuk Z Jr. **Blind Multichannel Deconvolution for Estimation of a Parametric AIF in DCE-MRI of Mice**. Proceedings of the International Society for Magnetic Resonance in Medicine (ISMRM). Vol. 22. Berkeley, 2015.
- Grossová L, Jiřík R, Souček K, **Dražanová E**, Starčuk Z Jr. **Comparison ASL and DCE-MRI Perfusion Map in Small Animal Model of Cancer**. Proceedings of the 10th International Conference on Measurement, Bratislava, 2015.
- Jiřík R, Souček K, Mézl M, Bartoš M, **Dražanová E**, Dráfi F, Grossová L, Kratochvíla J, Macíček O, Nylund K, Hampl A, Gilja OH, Taxt T, Starčuk Z Jr. **Blind deconvolution in dynamic contrast-enhanced MRI and ultrasound**. Conf Proc IEEE Eng Med Biol Soc. 2014; 2014:4276-9. doi: 10.1109/EMBC.2014.6944569

<b>Review services</b>	Reviewer for diploma works.
<b>Presentations</b>	Magnetic rezonance imaging in preclinical oncological research – for Regional Centre for Applied Molecular Oncology, Brno, 10/2014
<b>Other skills</b>	Climbing, ice climbing, yoga, skiing, ski mountaineering, running, cooking

