DVM. Dalibor Doležal, MBA

Education

1994 - 2000	University of Veterinary Medicine and Pharmacy Košice, specialization: general veterinary medicine
2001 - 2002	Traineeship Kleintierklinik der FU Berlin
2005	Attestation Course of First Instance
2007	University of Veterinary Medicine and Pharmacy Brno - Qualifying Examination of Prevention of Cruelty to Animals
2007 - 2010	Prague International Business School Prague

Employment history

2003 - 2006	National Veterinary and Food Institute Bratislava – Department of pathology, histology and diagnosis of rabies - veterinarian
2003 - 2007	Clinical practice at Veterinary clinic – EUVET and VETLINE Bratislava – veterinarian
2007 – present	Institute for Work with Laboratory Animals, Faculty of Medicine Palacky University - head of department Clinical practice at Veterinary clinic
2013 – present	Membership in Chamber of Veterinary Surgeons of Czech Republic

Language skills

English B1 (Threshold Level)

German B2 (Vantage Level)

Computer skills

Internet (e-mail, www) – advanced

Microsoft Outlook – advanced

Microsoft Excel – basic

Microsoft PowerPoint – advenced

Microsoft Word – expert

Driving licence

B1, B, AM, T

Selected papers

1. Acute UVA radiation alters SKH-1 mouse skin. Šianská-J; Svobodová-A; Zdařilová-A; Vostálová-J; Ehrmann-J; Doležal-D Sborník-příspěvek-abstr. FEBS Advanced Lecture Course - Mechanisms and Consequences of Free Radical-Mediated Oxidative Protein Modifications. 15.-20.4.2009, Kemer Antalya, Turecko.. 2009:94-95

2. Acute UVA radiation induces oxidative and inflammatory changes in SKH-1 mouse skin Šianská-J; Svobodová-A; Zdařilová-A; Vostálová-J; Ehrmann-J; Doležal-D Sborník-příspěvek-abstr. Seminář k vědeckému záměru MŠM 6198959216, 24.-26.5.2009, Hustopeče okr. Břeclav. 2009

3. Acute changes in SKH-1 hairless mice after single exposure to solar UBV light. Vostálová-J; Zdařilová-A; Šianská-J; Doležal-D; Ehrmann-J; Lužná-P; Svobodová-A Sborník-příspěvek-abstr. 15th International Congress on Photobiology. 18.-23.6. 2009 Düsseldorf, Německo.. 2009:208-209

4. LONICERA CAERULEA L. FRUITS REDUCE UVB-INDUCED SKIN DAMAGE IN VIVO Rajnochová Svobodová-A; Zdařilová-A; Palíková-I; Šianská-J; Doležal-D; Kylarová-D; Vostálová-J Sborník-příspěvek-abstr.

5. Lonicera Caerulea L.Fruits Reduce UVB-induced Skin Damage in vivo. Rajnochová Svobodová-A; Zdařilová-A; Palíková-I; Šianská-J; Doležal-D; Kylarová-D; Vostálová-J Sborník-příspěvek-abstr.

6. Protinádorová účinnost a kardiotoxicita volného, liposomálního a polymerního doxorubicinu. Vydra-D; Vostálová-J; Doležal-D; Hostášková-P; Džubák-P; Ulrichová-J; Perlík-V; Hajdúch-M Sborník-příspěvek-abstr. Abstrakta III. DNY DIAGNOSTICKÉ, PREDIKTIVNÍ A EXPERIMENTÁLNÍ ONKOLOGIE.. 2007:11

7. Erythropoietin-driven signaling ameliorates the survival defect of DMT1-mutant erythroid progenitors and erythroblasts. HORVATHOVA, M.; KAPRALOVA, K.; ZIDOVA, Z.; DOLEZAL, D.; POSPISILOVA, D.; DIVOKY, V Haematologica. 2012 May 11. doi:10.3324/haematol.2011.059550; IF: 6.532

8. Horvathova M, Zidova Z, Kapralova K, Dolezal D, Pospisilova D, Divoky V, CONSEQUENCES OF DMT1 MUTATION ON ERYTHROPOIESIS, Haematologica 2012 Vol 97, e-Supplement 1, June 14-17, 2012, 458.

9. M Horvathova, K Kapralova, Z Zidova, D Dolezal, D Pospisilova and V Divoky. Erythropoietin-Driven Signaling Complements the Survival Defect of DMT1-Mutant Erythroid Cells. ASH – San Diego, USA, 10.-13.12. 2011. Blood, 118(21), 2011, 2104.

10. Katarína Kapraľová, Zuzana Židová, Dalibor Doležal, Vladimír Divoký, Monika Horváthová. Vplyv erytropoetínu na erytroblasty postihnuté mutáciou v DMT1 transportéri železa. Zborník recenzovaných príspevkov. ISBN 978-80-223-3213-2, s. 332-336, 2012.

Monograph

1. MVDr. Dalibor Doležal, MBA., *Práce s laboratorními zvířaty - Laboratorní myš, potkan a králík*, Olomouc 2011, ISBN: 978-80-244-2947-2

Professional activity

1. Managing of in vivo experiments - basic research (pharmacokinetic and toxicology studies of experimental compounds, studies of anticancer activity of experimental compounds, preparations of animal tumor models, research activities with GMO animals for human disease - area of haematooncology).

2. Area of visualization techniques of in vivo experiments:

- Photon imager
  - Bioluminescence
  - Fluorescence
- USG:
  - Cardio
    - Detection of contrast agents for capillary level
    - Visualization and quantification of cardiac function in rats and mice, respectively. chick embryo (cardiac output, fractional shortening, ejection fraction, VTI)
    - Quantification of Cardiovascular Perfusion
  - Vascular system
    - Evaluation of blood flow in real time
    - Identification and quantification of plaque atherosclerotic early stages
    - Quantification of intravascular biomarkers
  - Oncology
    - 2D and 3D visualization, characterization and quantification of subcutaneous tumors
    - Quantification of tumor perfusion
    - Quantification of molecular biomarkers
  - Biology
    - Early diagnosis of embryonic development in young animals - mouse, rat (resolution below 30 microns)

        - View of microinjection controlled in real time (injection into anatomical sections of embryos during intrauterine development, injection of the brain, spinal cord embryo and newborn mice, etc. ..
    - Molecular imaging and quantification
        - Quantification of biomarkers
        - Molecular quantification of anatomical localization
        - Monitoring of therapeutic efficacy in vivo.

3. Evaluation of hematologic and biochemical findings in experimental animals.

4. Histological examination of biological material.

5. Preparation of surgical animal models.