

**Assoc. prof. Michal Dubský, M.D., Ph.D., FRSPH, MBA**

42 years, 4 children

**Education:**

2001-2007 – Second Faculty of Medicine, Charles University, Prague

2007-2013 – Postgraduate research at First Faculty of Medicine, Charles University, Prague

2014 - Board Examination in Diabetology

2016 - Board Examination in Endocrinology

2022 – Associate Professor in Internal Medicine at First Faculty of Medicine, Charles University, Prague

**Employment history:**

- Physician and research fellow at Diabetes Centre, Institute for Clinical and Experimental Medicine (IKEM), deputy head of the centre for clinical research; postgradual research, branch: Human physiology and pathophysiology, First Faculty of Medicine (2007 – now)
- Associate professor at First Faculty of Medicine, Charles University, Prague (2022 – now)
- Research fellow at Institute of Experimental Medicine at Czech Academy of Science, experimental research of stem cells and nanofibers (2008 - 2011)
- Assistant and demonstrator at Department of Anatomy of the 2nd Medical Faculty (2002 - 2007)
- Member of the Academic Senate of the 2nd Medical Faculty (2003 - 2007)

**Languages:**

english – fluently (First Certificate, Duolingo English Test)

german – professional working proficiency (Zertifikat Deutsch, Deutsch als Fremdsprache)

spanish – pre-intermediate

**Experience from abroad:**

2006 – 5-week clerkship IFMSA at the departments of: traumatology, emergency medicine, general surgery and plastic surgery, Hospital Pronto Socorro Joao XXIII, Belo Horizonte, Brazil

2007 – 4-month clerkship ERASMUS at the departments of: hematooncology, gastroenterology, children's clinic and in central laboratory, Hospital Universitätsklinikum, Heinrich-Heine-Universität, Düsseldorf, Germany

2007 – 3-week clerkship in the foot clinic and in the research center CLEAR - Center for Lower Extremity Ambulatory Research, participation on diabetic foot symposium, daily working in foot clinic, Rosalind Franklin University of Medicine and Science, Chicago, Illinois, USA

2011 – clerkship in the foot clinic Carl C. Hayden Veteran Affairs Medical Center, Phoenix, Arizona, USA

2018 – clerkship in the foot clinic and at the operating theatre at Sezione piede diabetico, Azienda Ospedaliero-Universitaria Pisana, Pisa, Italy

**Medical activities:**

2008 – member of the Czech Diabetes Society (CDS) and Podiatry section of CDS

2008 – member of Diabetic Foot Study Group of European Association for Study of Diabetes

2008 – member of European Wound Management Association

2009 – member of the Czech Society for Internal Medicine

2010 – member of the European Association for Study of Diabetes

2011 – member of the Czech Society for Gene and Cell Therapy

2021 – fellow of the Royal Society for Public Health

**Grants:**

2011-2013 – principal investigator - project GAUK 362311: "Assessment of relation between angiogenic precursor cells and their cytokines, local vasculogenesis and risk of systemic vasculogenesis in diabetic patients with leg ischemia treated by stem cells" was evaluated as "exceptionally good" and was presented on Postraduate students' Conference for 20th Anniversary of Grant Agency of Charles University

2016-2019 – principal investigator - project Czech Ministry of Health: "A comparison of the impact of autologous stem cell therapy and standard revascularization on tissue oxygen supply and course of the diabetic foot"

2021-2023 – head of project GAUK 304321: „The effect of immunosuppressive therapy and opiates on functional properties of stem cells“

#### **Awards:**

2011 - "*Marvin Levin Travel Scholarship*" for the best abstract and presentation on Foot Care section of 71st American Diabetes Association, San Diego, California, USA

2012 - "*Doctor of the Year – Jesenius prize*" awarded by the Czech Union of Patients for a significant contribution to advance in medicine

2013 - "*Discovery Award 2013*" awarded for young researchers until 40 years for a unique research advance in medicine and pharmaceuticals.

#### **Publications:**

author and co-author of 79 publications (42 publications in impact factor journals), 202 oral presentations and 128 posters with published abstracts, 2 monographs and 3 chapters  
610 citations, H-index=11; ORCID 0000-0002-2078-0177; Scopus ID 35096084600

#### **Selected publications in last 5 years:**

1. FEJFAROVÁ V, JAROŠÍKOVÁ R, POLÁK J, SOMMEROVÁ B, HUSÁKOVÁ J, WOSKOVÁ V, DUBSKÝ M, TŮMA P. Microdialysis as a tool for antibiotic assessment in patients with diabetic foot: a review. *Front Endocrinol (Lausanne)*. 2023 Apr 17;14:1141086. doi: 10.3389/fendo.2023.1141086. ISSN 1664-2392. eISSN 1664-2392. IF 6,055 z r. 2021. Q1
2. KANTA J, ZAVADAKOVA A, STICOVA E, **DUBSKÝ M**. Fibronectin in hyperglycaemia and its potential use in the treatment of diabetic foot ulcers: A review. *Int Wound J*. 2022 Dec 19. doi: 10.1111/iwj.13997. IF 3,099 z r. 2022. Q2
3. **DUBSKÝ M**, HUSÁKOVÁ J, BÉM R, JIRKOVSKÁ A, NĚMCOVÁ A, FEJFAROVÁ V, SUTORIS K, KAHLE M, JUDE EB. Comparison of the impact of autologous cell therapy and conservative standard treatment on tissue oxygen supply and course of the diabetic foot in patients with chronic limb threatening ischemia: A randomized controlled trial. *Front Endocrinol (Lausanne)*. 2022. doi: 10.3389/fendo.2022.888809. ISSN 1664-2392. eISSN 1664-2392. IF 6,055 z r. 2021. Q1
4. VRÁTNÁ E, HUSÁKOVÁ J, JAROŠÍKOVÁ R, DUBSKÝ M, WOSKOVÁ V, BÉM R, JIRKOVSKÁ A, KRÁLOVÁ K, PYŠKOVÁ B, LÁNSKÁ V, FEJFAROVÁ V. Effects of a 12-Week Interventional Exercise Programme on Muscle Strength, Mobility and Fitness in Patients With Diabetic Foot in Remission: Results From BIONEDIAN Randomised Controlled Trial. *Front Endocrinol (Lausanne)*. 2022 Jul 5;13:869128. doi: 10.3389/fendo.2022.869128. ISSN 1664-2392. eISSN 1664-2392. IF 6,055 z r. 2021. Q1
5. **DUBSKÝ M**, FEJFAROVA V, BEM R, JUDE EB. Pain Management in Older Adults with Chronic Wounds. *Drugs Aging*. 2022 Jul 13. doi: 10.1007/s40266-022-00963-w. ISSN 1170-229X. eISSN 1179-1969. IF 4,271 z r. 2021. Q2
6. HUSÁKOVÁ J, BÉM R, FEJFAROVÁ V, JIRKOVSKÁ A, WOSKOVÁ V, JAROŠÍKOVÁ R, LOVÁSOVÁ V, JUDE EB, **DUBSKÝ M**. Factors Influencing the Risk of Major Amputation in Patients with Diabetic Foot Ulcers Treated by Autologous Cell Therapy. *Journal of diabetes research*. 2022 Apr 11;2022:3954740. doi: 10.1155/2022/3954740. ISSN 2314-6745. e-ISSN 2314-6753. IF 4,011. Q2
7. LOVASOVÁ V, BÉM R, CHLUPÁČ J, DUBSKÝ M, HUSÁKOVÁ J, NĚMCOVÁ A, FRONĚK J. Animal experimental models of ischemic wounds - A review of literature. *Wound Repair and Regeneration*. 2022 Feb 9. doi: 10.1111/wrr.12996. ISSN 1067-1927. eISSN 1524-475X. IF 3,617 z r. 2020. Q2