

**Curriculum Vitae:**

**Vladimíra Fejfarová, MD, PhD (ORCID ID 0000-0003-4486-5383)**

**Education:**

1999 – Graduated from 3<sup>rd</sup> Faculty of Medicine, Charles University, Prague

1999-2007 – Postgraduate study of human physiology and pathophysiology at 1<sup>st</sup> Medical Faculty of Charles University. The topic for the postgraduate study was “Pathophysiological aspects of the diabetic foot (DF) with a focus on immunological abnormalities”.

2005 – Graduated from Internal Medicine

04/2010 – Graduated from Diabetology

10/2014 – Graduated from Angiology

**Courses:**

7/2014 – 2nd IUA course for young vascular specialists

**Occupation:**

1999-Present – CD IKEM employee (secondary physician) specialising in caring for patients with DF, education, and vascular assessment.

Since 5/2021 - Chief of podiatric group IKEM

**Residency Training:**

2001/2002 – Trainee trip to the Netherlands (Maastricht, Almelo) and Germany (Rhoermond) focusing on mastering techniques of total contact cast.

2005 – Trainee trip to the DF Care Centre at King’s College Hospital (London, UK).

**Membership of professional societies and editorial boards:**

1999-Present – Member of the Czech Physician Association JP, Czech Diabetes Society, and the EASD (European Association for the Study of Diabetes), a member of the executive committee of Czech Diabetes Society since 4/2022

2000-Present – Member of the DFSG (Diabetic Foot Study Group)

2001-Present – Member of the Czech Immunological Society

2002-Present – Member of the Czech Wound and Management Association and a member of the executive committee since 2005, vice-chairman of the association since 2021

2005-Present – Member of the Czech Podiatric Section of the Czech Diabetes Society and a committee member since 2008, vice-chairman of the section since 2016, chairman of the section since 2020

2007-Present – Member of the editorial board of the Czech Journal of Wound Care

2015-Present – Member of the Czech Angiology Society

She regularly participates in the symposia and congresses of the above societies.

**Educational/other activities:**

1997-Present – Participant in the educational program for patients with type 1 and type 2 DM and those treated with insulin pumps organised by the Diabetes Centre, IKEM.

1999-Present – Regular contributor at the Department of Diabetology at both the Outpatient Foot Clinic and the Educational Centre, IKEM.

1999-2003 – Employed at The Department of Clinical and Transplant Immunology (Laboratory of Flow Cytometry) and at the Laboratory of Clinical Pathophysiology of the Diabetes Centre, IKEM.

2003-Present – Educational lectures for nursing staff and patients with diabetes held at the Educational Centre of the Maltese Knights.

2006-Present –Contributor to the Company Health Promotion Project:“Wound 21” (specialising in wound healing).

03/2010-6/2017 – Teacher at the 1st Faculty of Medicine, Charles University, Prague.

12/2020- present- Teacher at the 2nd Faculty of Medicine, Charles University, Prague.

1/2021- present – Teacher/trainer at the postgradual study specialized on Human Physiology and Pathophysiology at the 2nd Faculty of Medicine, Charles University, Prague.

8/2023- present – Teacher/trainer at the postgradual study specialized on Human Physiology and Pathophysiology at the 1st Faculty of Medicine, Charles University, Prague.

### **Awards:**

2009 – 2nd prize awarded by the DFSG (Diabetic Foot Study Group) for the lecture: “The course of long-term off-loading therapy by TCC and RCW in patients with more severe diabetic foot ulcers”.

2012 – 3<sup>rd</sup> prize awarded by the Czech Diabetes Association for the poster: “Impairment of the immune system in patients with infected diabetic foot ulcers”.

2017 – 2<sup>nd</sup> prize awarded by the Czech Diabetes Association for the poster: “The occurrence of Obstructive Sleep Apnoea syndrome and it´s associations with macrovascular complications, microcirculation impairment and wound healing in patients with DF”.

2020 – Prusík prize awarded by the Czech Angiology Association for the best 2019 publication „The Superiority of Removable Contact Splints in the Healing of Diabetic Foot during Postoperative Care. J Diabetes Res 2019”

2022 - Prusík prize awarded by the Czech Angiology Association for the best 2021 publication “Stimulation TcPO2 Testing Improves Diagnosis of Peripheral Arterial Disease in Patients With Diabetic Foot. Front Endocrinol (Lausanne). 2021 Dec 10;12:744195. doi: 10.3389/fendo.2021.744195. PMID: 34956078; PMCID: PMC8704582

2022- Prof. Páv prize awarded by the Czech Diabetes Association for the best 2021 publication “Stimulation TcPO2 Testing Improves Diagnosis of Peripheral Arterial Disease in Patients With Diabetic Foot. Front Endocrinol (Lausanne). 2021 Dec 10;12:744195. doi: 10.3389/fendo.2021.744195. PMID: 34956078; PMCID: PMC8704582

2022- 3<sup>rd</sup> prize awarded by the Czech Diabetes Association for the poster: “The effect of intravenous antibiotic on intestinal barrier in patients with Diabetic Foot”

### **Projects and grants:**

Between 2011-2013 she completed the project: “Immunological abnormalities in patients with DF ulcers, their relationship to infection and bacterial resistance, and the potential for therapeutic effect”.

2020-2023 – project “Rationalisation of ATB Therapy in Diabetic Foot Infection and its Impact on the Intestinal Microbiota (NU20-01-00078)

2024-2027 – ongoing project „ The impact of structured exercise intervention program connected with modern technologies on biomechanical, physical, metabolic and psychological characteristics of patients with diabetic foot or at risk of its relaps“ (NW24-09-00184)

### **Contributor on projects and grants:**

1999-2001: Grant IGA MZ CR NB/5223-3 –“Immunological parameters in patients with diabetic foot syndrome and their relationship to glycaemic control and the possibility of influencing impairment”.

2000-2004: Optimal organisation of care for patients with diabetic foot syndrome at the Diabetes Centre, IKEM – Research project MZO 00023001 IKEM.

2002-2006: 5<sup>th</sup> European Union Framework Programme –“Quality of life and management of living resources” / EURODIALE group: Optimal organisation of health care in diabetic foot disease”.

2006-2021: Research project at IKEM, MZO 00023001: “Current pathophysiological, diagnostic and therapeutic aspects of diabetic foot syndrome”.

2017-2019: Research project at Charles University, 546417: “ Musculoskeletal changes induced by physiotherapeutic intervention, and their impact on the induction of diabetic foot syndrome and psychosocial status in Type 2 diabetes mellitus.

2022-2025: Project National Institute for Research of Metabolic and Cardiovascular Diseases (Programme EXCELES, Project No. LX22NPO5104) - Funded by the European Union - Next Generation EU.

She is the author/co-author of 6 monographs, 2 proceedings, 167 journal publications, 622 abstracts, totalling 560 citations and a h-index of 13.