Professor Dr. János Vág
D.M.D., Ph.D, Habil

Curriculum Vitae

Present Employment
Semmelweis University of Medicine, Department of Conservative Dentistry: Szentkirályi str 47. 1088 Budapest, Tel: 317-15-98:

Publication metrics
lectures at scientific conference: 164
total peer-reviewed publications: 52
publication with being the first/last author: 14+20
impact factor: 83
total citations: 434
without self citations: 304
Hirsch index: 12
Publications search for "Vag J" at http://www.ncbi.nlm.nih.gov/entrez/query.fcgi,

Diploma, specialty: dentist, Semmelweis University, Faculty of Dentistry (1995), certified specialist in Dental and Oral diseases (1997), in Conservative Dentistry and Prosthodontics (2006), in Endodontics (2019)

Language: English and Hungarian

Doctoral Degree (PhD): Semmelweis University, Clinical Science School, Research in Dental Science program, Thesis: The role of the nitric oxide and angiotensin II in regulation of submandibular gland blood flow **(**2003**),**. Semmelweis University Habilitated Doctor (2019)

Academic positions: Semmelweis University of Medicine, Department of Conservative Dentistry, trainee (1995-1997), Ph.D. student (1997-2000), assistant lecturer (2000-2003), assistant professor (2003-2005), Semmelweis University of Medicine, Department of Oral Biology, Post-doctoral fellowship (2005-2007), Semmelweis University of Medicine, Department of Conservative Dentistry, assistant professor (2006-2007), Semmelweis University of Medicine, Department of Oral Biology, assistant professor, (2007), Semmelweis University of Medicine, Department of Conservative Dentistry, external lecturer (2008-2009), assistant professor (2013-2015), associate professor (2015-2019), Department Vice Chair (2016-2021), habilitated associate professor (2019-2021), Department Head and full professor (13.12.2021-)

International Scholarship: Welcome Trust postdoctoral research fellow at Dublin Dental School and Hospital, Trintiy College 2003-2005, Stockholm, Sweeden, Perimed AB: 2 day Training Course Using the Perimed Product Line for Diagnosis of the Microcirculation, supported by Erasmus, Planmeca Digital Perfection Tour, Helsinki, CAD/CAM End User Training,Helsinki, Nordic Institute of Dental Education's Aesthetic

restorations with CAD/CAM course, Helsinki, Danube Private University/Planmeca Digital Academy " Prosthetics in CAD/CAM procedures" training course, Krems, Austria, International Center for Dental Education, Ivoclar Vivadent Microscopic preparation for veneers and overlays, and adhesive cementation step-by-step, Wien, Austria, CAD/CAM End User Training, Planmeca, Helsinki, CAD/CAM End User Training, Planmeca, Helsinki

Teaching activities: <u>Gradual:</u> giving lectures and practices for dental student, examinations, thesis consultant in Hungarian and English, <u>Post-gradual</u>: giving lectures to post-gradual student and to dentists (continuing dental education), Tutor and mentor, Mentor in Kerpel-Fronius Ödön talent support program

Book Chapter: Restorative dentistry and endodontics (edited by Árpád Fazekas) 2006. Chapter XV. The anatomy, histology and physiology of the pulp and the periapical tissue.

Supervisor in PhD: <u>topics</u> (1), Regeneration of oral tissues (pulp, periodontium, oral mucosa, salivary gland). Investigation on molecular, cellular and clinical level. (2) Description, relevance and analysis of the individual characteristics in oral cavity with modern intra-oral scanners, <u>supervised student</u>: 6 (100%), 2 (50% shared) defended: 3, supervisor of 2 excellence student in Doctoral Scholarship for Doctoral Students in Higher Education (ÚNKP)

Review activity: member of the reviewer board at Dental and Medical Problems, editorial board at Journal of Dentistry, Digital Dentistry Section, editorial board at Fogorvosi Szemle

Activities in Students' Scientific Association: <u>Research Student</u> in Department of Physiology at Semmelweis University (1992-1995), awards: Rectoral praise, two first prize, at the Semmelweis University Conference, second prize in National Conference, Excelent Researcg Student prize. <u>Supervisor:</u> 25 presentations, 6 local, and 3 national first prize, 5 local and 2 national second prize, two local third prize, 1 rectoral prize, 1 international third prize, 1 special prize, <u>Rectoral thesis:</u> two first prize, three rectoral prize

Prizes/Awards: 1994. Fodor Erzsébet Excellent Dental Research Student, by: Semmelweis University, 1995. Balogh Károly Award by: Semmelweis University: rectorate competition, 1995. First Price at the Annual Meeting of the Union of Student Researchers by: Semmelweis University, 1994. First Price at the Annual Meeting of the Union of Student Researchers by: Semmelweis University, 2017. Merit Award for an excellent research activity at the Dental Faculty, 2019 Excellence in teaching at Semmelweis University, 2019. Semmelweis University Innovation Price, Identification of twins by a novel digital dentistry method, 2019. 1st place at DDS Global Conference Scientific Poster Presentation, 2019. Semmelweis University, Award for outstanding teaching of scientific student, 2019 Research Award, American Society of Forensic Odontology 2019. Botond Simon, János Vág. Application of intraoral scanner to identify monozygotic twins. 3000 USD, 2020 Research Award, American Society of Forensic Odontology 2020. Botond Simon, János Vág. The role of the geometry and the palatal rugae in human identification 3000 USD

Memberships: 1996 – 2005: Hungarian Nephrological Society, 1996 - Hungarian Physiology Society, 2004 - Hungarian Society of Endodontics, board member, 2013 – Hungarian Dental Association, 2017 – Association of Clinical Biostatistics, 2017 – Hungarian Association for Aesthetic and Restorative Dentistry, Founder and first President, 2019 - Digital Dentistry Society, member and board member of Hungarian

embassy, 2019 - American Society of Forensic Odontology, member, 2021 - Hungarian Digital Dentistry Association, founder member and board member

Patent submitted in the Hungarian Intellectual Property Office; A new gingiva-forming healing system based on physiological research and measurements, as well as a gingiva-forming procedure. (03/10/2019, P1900347), Method for using a digital 3-dimensional pattern of the surface pattern of the palate recorded with a mouth scanner for biometric human identification. (18/05/2020, P2000161), Pre-screening procedure using the geometrical parameters of the palate for human identification, in particular for dental identification and human identification based on the pattern of the palate, (17/10/2021, P2100397)

Grants: participant: 14, supervisor: 25

Budapest, 2022. január 16.

Professor János Vág