Peter Zvara
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EDUCATION

1987 M.D. Comenius University, Bratislava, Slovakia
1998 Ph.D. Comenius University, Bratislava, Slovakia
2005 European Board of Urology review course

POSITIONS HELD

1987 – 1991 Urology resident Comenius University, Bratislava, Slovakia
1992 – 1993 Basic research fellow, University of California, San Francisco
1993 – 1995 Basic and clinical research fellow, McGill University, Montreal
1995 – 1996 Basic research fellow, University of Toronto
1996 – 1999 Research Associate, University of Vermont, Burlington, Vermont
1999 – 2006 Research Assistant Professor, University of Vermont
2006 – 2014 Assistant Professor, tenure track, University of Vermont
2014 – 2015 Associate Professor, Research Pathway, University of Vermont
2015 – 2023 Professor wsr, Research Unit of Urology, Department of Clinical Research University of Southern Denmark and Consultant, Department of Urology, Odense University Hospital
2023 – present Professor, Research Unit of Urology, Department of Clinical Research University of Southern Denmark and Consultant, Department of Urology, Odense University Hospital
2015 – present Adjunct Professor, Department of Surgery, University of Vermont

SCIENTIFIC CONTRIBUTIONS

Neurourology, lower urinary tract and erectile dysfunction, prostate cancer, animal models
89 peer reviewed publications https://pubmed.ncbi.nlm.nih.gov/?term=zvara%2C%20p&sort=date
Two book chapters (third in press), two educational modules for British Journal of Urology Knowledge curriculum
Educational video for International Continence Society
H-index: 29 (Google Scholar), 23 (Scopus)
3198 citations

AWARDS AND HONORS

1999, 2003 and 2013 University of Vermont Surgery Research Day - Best Presentation (Mentor)
2009 Best Science Poster Award: Society for Urodynamics and Female Urology
2009 Best of Posters: American Urological Association Annual Meeting
2014 Diokno-Lapides Essay Contest in Voiding Dysfunction Research, 2nd prize (Mentor)
2015 Nominee for Kroepsch-Maurice Excellence Teaching Award, University of Vermont
2016 Max K. Wilscher Resident Research Award (Mentor)
2017 ISCM Excellence Award for outstanding service in field of bioceramics
2022 Best abstract in the Prostate Cancer podium session, Annual Meeting of The NewEngland Section of the American Urological Association (senior author)
2022 Honorary member of Slovak urological society
2023 Top 10 Posters, Annual meeting of The Society or Urodynamics, Female Pelvic Medicine & Urological Reconstruction (senior author)
2023 Nominee for Lerner College of Medicine UVM Omega Alpha Alpha Society Faculty Award for professionalism, scholarship, leadership, and service.

TEACHING

1999 – present Research mentor to ~30 medical and PhD students
2008 – 2013 University of Vermont Surgery research curriculum, course director
2016 – present Mentor to five SDU medical students during their research rotation, 12 medical students from University of Vermont
2016 – present Mouse Surgery Course (Course director)
2017 – present Experimental Microsurgical Techniques (Teacher, instructor)
2017 – present SU810-Human Pathophysiology – Kidney and Urinary Tract (Lecturer)
2022 – present BMB541-Principles of drug development – Drug development and preclinical studies
2019 – present Co-mentor to PhD student
2022 – present Mentor to a postdoc

FUNDING

2012 – 2025: ~1.2million €

Funding sources: National Institutes of Health, Danish Council for Independent Research, University of Southern Denmark, Odense University Hospital , Region of Southern Denmark, BeckettFonden

BOARDS AND EVALUATOR APPOINTMENTS

2012 – present Grant reviewer on 19 review panels of the National Institutes of Health (USA) 2016 – 2022 Odense University Hospital PhD stipend review panel member 2017 – 2020 Scientific Advisory Board member Ministry of Health, Slovak Republic 2022 – present Board member of the Council for medical sciences, Agency for the support of research and development, Slovakia

Publications – 10 selected

1. Hox M,Mann-Gow T, Lund L, Zvara P. Cavernous Nerve Stimulation and Recording of Intracavernous Pressure in a Rat. **J Vis Exp.2018 Apr 23;(134).**
2. Abdelkhalek AS,Youssef HA, Saleh AS, Bollen P, Zvara P. Anestetic protocols forurodynamic studies of the lower urinary tract in small rodents – A systematicreview.**PLoS One. 2021 Jun 24;16(6).**
3. Svensson E, Zvara P, Qvist N, Hagander L,Möller S, Rasmussen L, Schrøder HD, Hejbøl EK, Bjørn N, Petersen S, Larsen KC,Krhut J, Muensterer OJ, Ellebæk MB. The effects of Botulinum Toxin Type A onstricture formation, leakage rates, esophageal elongation and anastomotichealing following primary anastomosis in a long and short-gap esophagealatresia model – A protocol for a randomized controlled blinded trial in pigs. **Int J Surg Protoc. 2021 Aug 11;25(1):171-177.4.**
4. Rose M, Clarke P, Pike AH, Zvara P, Schrøder HD,Hejboel EK, Qvist N, Ellebæk MB. Endoscopic Injections of Botulinum Toxin Type A in the Piglet EsophagusIs Safe and Feasible but Did Not Result in any Significant Structural Changes 3Days after Injection. **Eur J Pediatr Surg. 2022 Oct;32(5): 460-464.**
5. EubankMN, Švihra J Jr, DiBona KC, Sommers M, Oe T, Strnádel J, Miklušica J, Szépe P,Marcinek J, King BJ, Plante MK, Ľupták J, Poulsen MHA, Kida M, Baco E, ŠvihraJ, Zvara P. Tissue distribution of ethanol after intraprostatic injection using aporous needle. **Front Oncol. 2023 Jan4;12:1063781.**
6. Krhut J, Rejchrt M, Slovak M, Dvorak RV, PeterL, Blok BFM, Zvara P. Prospective, Randomized, Multicenter Trial of Peroneal ElectricalTranscutaneous Neuromodulation vs Solifenacin in Treatment-naïve Patients withOveractive Bladder. **J Urol. 2023Apr;209(4):734-741.**
7. Krhut J, Tintěra J, Rejchrt M,Skugarevská B, Zachoval R, Zvara P, Blok BFM. Differences between brainresponses to peroneal electrical transcutaneous neuromodulation andtranscutaneous tibial nerve stimulation, two treatments for overactive bladder.**Neurourol Urodyn. 2023 Aug;42(6):1352-1361.**
8. Krhut J, Tintěra J, Rejchrt M, Skugarevska B, Grepl M,Zachoval R, Zvara P, Blok BFM. Brain Response Induced by Peroneal ElectricalTranscutaneous Neuromodulation Invented for Overactive Bladder Treatment, asDetected by Functional Magnetic Resonance Imaging. **Neuromodulation. 2024Feb;27(2):353-359.**
9. Krhut J, Kobberø H, Kanaan R, Fode M,Poulsen M, Zvara P. The mechanism of action of neuromodulation in the treatmentof overactive bladder. **Nature Reviews Urology 2024 Dec 9. doi:10.1038/s41585-024-00967-8. Epub ahead of print.**
10. Kobberø H, Krhut J, Kanaan R, Fode M, Poulsen M, ZvaraP. Sacral Neuromodulation for Neurogenic Lower Urinary Tract, Bowel and SexualDysfunction in Patients with Multiple Sclerosis: A Pilot Trial. **NeurourolUrodyn. In Press**

Full publication list available at www.scopus.com/authid/detail.uri?authorId=6701605186