
Achievements

- Q1: Schmidt, J., Perina, V., Treglerova, J., Pilbauerova, N., Suchanek, J., & Smucler, R. (2022). COVID-19 vaccination among Czech dentists. *Vaccines*, 10(3), 428.
- Q1: Schmidt, J., Vavrickova, L., Micopulos, C., Suchanek, J., Pilbauerova, N., Perina, V., & Kapitan, M. (2022). COVID-19 among Czech Dentistry Students: Higher Vaccination and Lower Prevalence Compared to General Population Counterparts. *Vaccines*, 10(11), 1927.
- D1(2022): Schmidt, J., Pavlík, V., Suchánek, J., Nešporová, K., Soukup, T., Kapitán, M., & Pilbauerová, N. (2023). Low, medium, and high molecular weight hyaluronic acid effects on human dental pulp stem cells in vitro. *International Journal of Biological Macromolecules*, 253, 127220.
- Publication: Association between periodontal disease and preterm prelabour rupture of membranes. Radochova V, Stepan M, Kacerovska Musilova I, Slezak R, Vescicik P, Menon R, Jacobsson B, Kacerovsky M. J Clin Periodontol. I F = 5,241; Dentistry, Oral Surgery & Medicine: 91/2 – Q1
- Chromatographic method for the determination of inflammatory biomarkers and uric acid in human saliva. Vernerová A, Krčmová LK, Heneberk O, Radochová V, Strouhal O, Kašparovský A, Melichar B, Švec F. Talanta. 2021 Chemistry, Analytical 11/87 Q1 IF 6,556
- N. Jouklová: Invited internship with Prof. G. T.-J. Huang, Head of the Department of Bioscience Research at UTHSC, Memphis, USA due to the presented results in the field of stem cell research
- Gama TAČR - Fabrication of a prototype tool (ultrasonic device tip) to remove damaged screws fixing prosthetic work on dental implants and verify functionality

Patents

- Tool set and tool for removing a broken fragment of a dental instrument from a root canal 308328
- Hyaluronic acid-based dental fibre preparation with adjustable biodegradability – EN 308980 B6
- Cryopreservation medium for stem cells – EN 309774
- Be an Inspiration 2023 – Inspirational cooperation of research and business sector in the Hradec Králové Region – 1st place

Other Achievements

- MDDr. Nela Jouklová took 2nd place in the 2019 Ph.D study in Stomatology at the International Medical Doctoral Conference organized by the Faculty of Medicine in Hradec Králové (supervisor: doc. MUDr. Jakub Suchánek).
- The cooperation with Mayo Clinic - STANLEY D. TYLMAN RESEARCH AWARD in 2014 for work DHIMA, M., PAULUSOVA, V., CARR, A.B., et al. Practice-based clinical evaluation of ceramic single crowns after at least five years. *The Journal of Prosthetic Dentistry*. 2014
- Hyaluronan and octenidine dihydrochloride-based dental composition, CZ 28634 U1 – utility model