

# CURRICULUM VITAE

**RNDr. Štěpán Coufal, Ph.D.**

## EDUCATION

**2014-2020:** Ph.D. study

Faculty of Science, Charles University, Prague; Doctoral study program: **Immunology**

*Dissertation:* Gut barrier in the pathogenesis and diagnostics of necrotizing enterocolitis and inflammatory bowel disease

## WORK EXPERIENCE

**2020 – present:** Researcher at the Institute of the Microbiology, The Czech Academy of Sciences,

**2012 – present:** Active participant in research projects at the Institute of the Microbiology, The Czech Academy of Sciences

**2011 – 2012:** Active participant in Neutron capture therapy project at the Institute of the Physiology, The Czech Academy of Sciences

## ABROAD WORK EXPERIENCE

**2021-2022:** Postdoctoral research training in the Laboratory of Mucosal Immunology, Centre for Regenerative Therapies Dresden (CRTD), Germany; supervisor: prof. Dr. Med. Sebastian Zeissig, Ph.D.. Research topic: Study of mucosal immunology and regeneration of intestinal epithelium in *in vivo* model of monogenic form of IBD.

## PEDAGOGIC EXPERIENCE

**2024 –** Lecturer in the biomedical course: Clinical Immunology (Faculty of Sciences, Charles University)

**2021 –** Invited speaker within the seminars of the Czech Young Immunologists (part of yEFIS)

**2021 –** Lecturer on the T cell workshop 2021 (Czech Immunological Society, CIS)

## MEMBERSHIPS

**2019 – present:** Member of the Czech Society for Microbiome (CMS)

**2016 – present:** Member of the Czech Society for Allergology and Clinical Immunology (CSAKI)

**2012 – present:** Member of Czech Immunological Society (CIS)

## HONOURS AND AWARDS

**2021 -** Jaroslav Sterzl award for the original article published in 2020 (CIS)

**2020 –** Award of Society for probiotics and prebiotics for the best original article published in 2019

**2020 -** Jaroslav Sterzl award for the best original article published in 2019 (CIS)

**2018 –** Award “Poster of Distinction” at the XXXV. Meeting of the Czech and Slovak Allergists and Clinical Immunologists (CSAKI)

**2017 –** Jaroslav Sterzl award for the original article of the year 2016 (CIS)

**2017 –** Award of Czech Society for Allergology and Clinical Immunology for the best review article of the year 2016

**2017 –** Award “Poster of Distinction” at the annual meeting of European Society of Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN)

## LIST OF SELECTED PUBLICATIONS

1. S. Coufal et al., *Journal of Immunology Research* 2016 (2016), doi: 10.1155/2016/5727312.
2. A. Kokesova et al., *PloS ONE* 14 (2019), doi: 10.1371/journal.pone.0210797.
3. S. Coufal et al., *Cells* 8 (2019), doi: 10.3390/cells8070719.
4. K. Kostovcikova et al., *Frontiers in Immunology* 10 (2019), doi: 10.3389/fimmu.2019.00919.
5. Z. Stehlikova et al., *Frontiers in Microbiology* 10 (2019), doi: 10.3389/fmicb.2019.00236.
6. Z. Stehlikova et al., *Microorganisms* 7 (2019), doi: 10.3390/microorganisms7120636.
7. V. Dotlacil et al., *European Journal of Pediatric Surgery* 30 (2020), doi: 10.1055/s-0039-1697909.
8. S. Coufal et al., *Journal of Immunology Research* 2020 (2020), doi: 10.1155/2020/3074313.
9. A. Fajstova et al., *Cells* 9 (2020), doi: 10.3390/cells9122701.
10. O. Dusek et al., *Cells* 10 (2020), doi: 10.3390/cells10010023.
11. Z. Ulcova-Gallova et al., *Maxdorf Jessenius* 2020, ISBN: 978-80-7345-648-1, EAN: 9788073456481.
12. L. Raskova Kafkova et al., *Mucosal Immunology* 14 (2021), doi: 10.1038/s41385-020-00345-8.
13. D. Schierova et al., *Cells* 10 (2021), doi: 10.3390/cells10113188.
14. B. Frybova et al., *European Journal of Pediatric Surgery* 32 (2022), doi: 10.1055/s-0041-1725188.
15. B. Kucerova et al., *Pediatric Surgery International* 38 (2022), doi: 10.1007/s00383-022-05071-9.
16. V. Dotlacil et al., *Journal of Czech Surgical Society* 101 (2022), doi: 10.33699/PIS.2022.101.2.61-65.
17. M. Wasserbauer et al., *PLoS ONE* 17 (2022), doi: 10.1371/journal.pone.0271299.
18. M. Wasserbauer et al., *PLoS ONE* 17 (2022), doi: 10.1371/journal.pone.0273612.
19. Jackova et al., *Frontiers in Endocrinology* (2023) doi: 10.3389/fendo.2023.1139056.
20. Coufal et al, *Journal of Immunology Research* (2023), doi.org/10.1155/1970/1535484.
21. Smirnova et al, *Cell Reports* (2024), doi: 10.1016/j.celrep.2024.113976.