

## CV

### Peter Schüffler, Asst.-Prof., Dr. Sc. ETH

Institute of Pathology, TUM School of Medicine  
Department of Informatics  
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### Education:

2015 - 2017 PostDoc at Memorial Sloan Kettering Cancer Center, New York, USA  
2009 - 2014 Doctoral thesis at the computer science dept. of ETH Zurich, Switzerland  
2003 - 2008 Study of bioinformatics and computational biology at the Saarland University, Germany

### Positions:

Since 2021 Asst.-Prof. for Computational Pathology, TU Munich  
Since 2021 Consultant, Paige.AI

### Former positions:

2018 - 2020 Senior Machine Learning Scientist, MSKCC, New York, USA  
2017 - 2020 Co-Founder and Senior Machine Learning Scientist, Paige.AI, New York, USA  
2014 - 2015 Research Assistant at NEXUS Personalized Health Technologies, ETH Zurich, Switzerland  
2008 Research Assistant at Max-Planck-Institute, Saarbrücken, Germany

### Honors & Awards:

2013 Paper Award, Abdominal Imaging. Computation and Clinical Applications 2013;  
2014 Poster award, VIGOR++ Workshop 2014;

### Membership in scientific societies:

Since 2019 Member DPA (Digital Pathology Association)  
2019 - 2020 Member API (Association of Pathology Informatics)

**Scientometry:** Publications: original articles: 72, book chapters: 1, first author: 13. citations / h-index / i10-index: 2834/26/38 (Google-Scholar 2022).

### Ten representative publications, peer-reviewed (full list at <https://schuefflerlab.org/publications>):

1. Stögbauer F, Lautizi M, Kriegsmann M, ..., **Schüffler PJ**, ..., Boxberg M: Tumour Cell Budding and Spread Through Air Spaces in Squamous Cell Carcinoma of the Lung – Determination and Validation of optimal prognostic cut-offs. **Lung Cancer** 2022.
2. Goetze S, **Schüffler PJ**, Athanasiou A, ..., Wollscheid B: Use of MS-GUIDE for identification of protein biomarkers for risk stratification of patients with prostate cancer. *Clin Proteom* 2022, 19(1):9.
3. **Schüffler PJ**, Stamelos E, Ahmed I, ... Hameed M: Efficient Visualization of Whole Slide Images in Web-based Viewers for Digital Pathology. **Arch. Pathol. Lab. Med.** 2022.
4. **Schüffler PJ**, Geneslaw L, Yarlagadda DVK, ..., and Fuchs TJ: Integrated digital pathology at scale: A solution for clinical diagnostics and cancer research at a large academic medical center. **JAMIA** 2021, 28(9): 1874-84
5. **Schüffler PJ**, Yarlagadda DVK, Vanderbilt C, and Fuchs TJ: Overcoming an annotation hurdle: Digitizing pen annotations from whole slide images. **Journal of Pathology Informatics** 2021, 12(1):9.
6. Ardon O, Reuter VE, Hameed M, ..., **Schüffler PJ**, ..., Hanna MG: Digital Pathology Operations at an NYC Tertiary Cancer Center During the First 4 Months of COVID-19 Pandemic Response. **Acad. Pathol.** 2021, 8.
7. Hanna MG, Reuter VE, Ardon O, ..., **Schüffler PJ**, ..., and Hameed M: Validation of a digital pathology system including remote review during the COVID-19 pandemic. **Modern Pathology** 2020, 33:2115–2127.

8. Li Z, Zhang J, Tan T, Teng X, ..., **Schüffler PJ**, ..., and Litjens G: Deep Learning Methods for Lung Cancer Segmentation in Whole-slide Histopathology Images - the ACDC@LungHP Challenge 2019. **IEEE Journal of Biomedical and Health Informatics** 2020, 1:1.
9. Ho DJ, Agaram NP, **Schüffler PJ**, ..., and Fuchs TJ: An Efficient Labeling Approach for Deep Learning-Based Osteosarcoma Treatment Response Assessment. *Medical Image Computing and Computer Assisted Intervention – MICCAI 2020*, 12265:540–549.
10. Kim D, Pantanowitz L, **Schüffler PJ**, ..., Hanna MG: (Re) Defining the high-power field for digital pathology. **JPI** 2020, 11(1):33.