

CURRICULUM VITAE

Name: **Niels J. Rupp, Prof. Dr. med.**
Date of Birth: 21/09/1982
Nationality: German
Settlement Permit: Type C
Business address: Theragnostic Tumor Pathology Laboratory
Department of Pathology and Molecular Pathology,
University Hospital Zurich, Schmelzbergstr. 12, CH-8091 Zurich
Phone: +41 44 255 50 91
Email (business): niels.rupp@usz.ch
Current position: Assistant Professor of Theragnostic Tumor Pathology, University of Zurich,
Senior Attending Physician ("Leitender Oberarzt"), University Hospital Zurich

EDUCATION AND TRAINING

01/2021 Habilitation ("Privatdozent, PD"): "Molecular Imaging and Molecular-pathological Characterization of Prostate Cancer", Faculty of Medicine, University of Zurich
08/2017 & 05/2019 Visiting physician in Head & Neck Pathology (prof. M. Michal & prof. A. Skálová), Charles University Pilsen, Czech Republic
04/2016 Swiss board certification in Pathology
2013 MD thesis: "Early onset amyloid lesions lead to severe neuritic abnormalities and local but not global neuron loss in APPPS1 transgenic mice ("magna cum laude")
2010 Medical examination, second step (Grade: 1.0), License to practice medicine
2009 – 2010 Practical Year at University Hospital Tübingen, University Hospital Zurich and Beth Israel Deaconess Hospital, Harvard Medical School, Boston, USA
2008 – 2010 Experimental dissertation, Department Cellular Neurology, Hertie-Institute for Clinical Brain Research, Tübingen, Germany
2004 – 2010 Studies of Human Medicine, University of Tübingen, Germany
2002 – 2003 Civil Service – ASB Rems-Murr, Germany
1998 – 2002 Eberhard-Ludwigs-Gymnasium Stuttgart, Germany

EMPLOYMENT HISTORY

10/2021 - present Dual appointment: Assistant Professor of Theragnostic Tumor Pathology, University of Zurich & Senior Attending Physician ("Oberarzt meV", Leitender Oberarzt since 11/2024), University Hospital Zurich
04/2016 – 09/2021 Attending Physician in Pathology, University Hospital Zurich, Switzerland
04/2014 – 03/2016 Resident Physician in Pathology, University Hospital Zurich, Switzerland
04/2013 – 03/2014 Resident Physician in Pathology, Cantonal Hospital St. Gallen, Switzerland
04/2011 – 03/2013 Resident Physician in Pathology, University Hospital Zurich, Switzerland

SCHOLARSHIPS

02/2019 – 01/2021 Science Funding Scholarship (50% protected research time), University Hospital Zurich
01/2007 – 04/2010 Fellow of the German Academic Scholarship Foundation

THIRD PARTY FUNDING

2024 – 2028 EUR 499'301 Hanarth Fonds, Netherlands: SalviIdentify: Improving Salivary Gland Tumor Diagnostics by Artificial Intelligence based Classification (PI: Dr. D. Cohen, Leiden); Core research team

2024 – 2027	CHF 1'379'060 SNF Sinergia: Eliminating Single Prostate Cancer Cells by Tailored Radioligand Therapy (PI: Prof. C. Müller & Prof. J-P. Theurillat); Project partner
2023 – 2025	CHF 225'840 PHRT iDoc: Personalized Precision Medicine Using Folate Radiotheragnostics for Selective Targeting of the Tumor-associated Folate Receptor- α , CO-PI
2023 – 2025	CHF 147'500: Swiss Cancer League "Tumour heterogeneity of clear cell renal cell carcinoma assessed by multiparametric MRI with direct radiological-histopathological correlation", CO-PI
2023 – 2025	CHF 242'659: PHRT iDoc: Understanding the different phenotypes of prostate cancer and their impact on imaging features, CO-Investigator
2022 – 2023	32'000 CHF: Kurt und Senta Herrmann Foundation: "Comprehensive Molecular Investigation of Fine Needle Aspirates from Salivary Gland Tumors for Advanced Diagnosis and Patient Management", project leader and PI
2022 – 2023	34'858 CHF: Zurich Cancer League: "Comprehensive Molecular Investigation of Fine Needle Aspirates from Salivary Gland Tumors for Advanced Diagnosis and Patient Management", project leader and PI
2019 – 2021	22'274 CHF: Innovation pool University Hospital Zurich: "Establishment of a RNA- in situ hybridization assay to detect transcriptionally active human HPV infection in tumoral tissue", project leader and PI
2019 – 2021	160'000 CHF: Iten-Kohaut Foundation: «Molecular pathological classification and molecular imaging of salivary gland tumors", project leader and PI
2019 – 2020	10'000 CHF: Zurich Cancer League: "Investigation of the prognostic importance of tumor hypoxia in oral squamous cell carcinoma by immunohistochemical and metabolic tumor imaging", Co-PI
2019 – 2021	39'553 CHF: Zurich Cancer League: "Investigation of novel marker combinations to predict response to immunotherapy in mucosal melanoma", Co-PI

RESEARCH GROUP MEMBERS

Sandra Freiberger-Rupp, PhD – Principal investigator (active)
 Benjamin Hunkeler – PhD student (active)
 Noel Spielhofer – MD/PhD student (active)
 Muriel D. Brada – Research fellow physician (active), MD in 2022
 Alia Schneider – Medical doctorate candidate (active)
 Viktoria Hadnagy – Medical doctorate candidate (active)
 Maria Gloor – Medical doctorate candidate (active)
 Tamara Rordorf – Medical doctorate candidate (active)
 Jan H. Rüschoff, MD – Research fellow physician (alumnus), Habilitation
 Tina Mauthe – Medical doctorate candidate (alumna)
 Xingming Zhang, MD – Research fellow (alumnus)
 Aline Golliez – Medical doctorate candidate, MD in 2023 (alumna)
 Nicolas Wyvekens, MD – Research fellow physician (alumnus)
 Eva Deininger, MD – Research fellow physician, MD in 2020 (alumna, now: Novartis AG)

SUPERVISION OF JUNIOR RESEARCHERS

2017 – present	Supervision of eight medical doctorate candidates (four ongoing) and one medical master candidate (finalized)
----------------	---

INSTITUTIONAL RESPONSIBILITIES / OFFICES / PROJECTS

01/2025	Advisory Board Member for AbbVie AG
10/2022	Invitation to contribute to the ICCR carcinomas of the major salivary glands dataset
03/2021	Invitation to contribute as co-author to IARC WHO Classification of Head & Neck Tumours (5 th Edition)

2021 – present	Organization of the departmental “Friday colloquium”
2019 – present	Co-Chairman Head and Neck Pathology working group, German Society of Pathology
2019 – present	Invited Member “Arkadi M. Rywlin International Pathology Slide Seminar Club”
2017 – present	Establishment and evaluation of Fluorescence in situ Hybridization (FISH) probes, immunohistochemical stainings and next generation sequencing (“SalvGlandDx panel”) for Head and Neck tumors
	Establishment and validation of HPV high-risk and low-risk RNA in situ hybridization probes for routine diagnostics
2017 – present	Responsible specialist for Head & Neck, Oral-/Maxillofacial and Genitourinary (GU) Pathology, Consultant for external pathologists (Head & Neck, and GU Pathology)
2016 – present	Member of the interdisciplinary tumor conferences: Urology and Head & Neck

TEACHING ACTIVITIES

04/2024 – present	Responsible teaching supervisor: “Tumor Pathology”, Bachelor program in Medicine, Swiss Federal Institute of Technology (D-HEST, ETH Zurich), Switzerland
2020 – 03/2024	Teaching assignment “Tumor Pathology”, Bachelor program in Medicine, Swiss Federal Institute of Technology (D-HEST, ETH Zurich), Switzerland
2017 – 2018	Teaching assignment “Histo- and Cytopathology for trainees”, College for Bioanalytics, Careum Zurich, Switzerland
2016 – present	Teaching assignment for dentistry and medical students, University of Zurich, Switzerland
2010 – 2017	Course instructor “Stereology” for Master students, Graduate Training Centre of Neuroscience, International Max Planck Research School, University of Tübingen, Germany

REVIEWER ACTIVITIES (SELECTION)

eBiomedicine, Virchows Archiv, World Journal of Urology, The Journal of Pathology, European Journal of Nuclear Medicine and Molecular Imaging (EJNMMI), Bern Cancer League, Histopathology

CERTIFICATES

2015 – 2022	Good Clinical Practice Module 1,2&3, Medical Ethics Basic and Advanced course, Leadership Introduction and Basic course, Health Economics (all University Hospital Zurich) Basic Course Didactics, University of Zurich Current Concepts in Head and Neck & Endocrine Pathology 2017, Harvard Medical School, Boston, USA
-------------	---

INVITED LECTURES (SELECTION)

2025	Lecture: 5th Edition WHO Head & Neck: Whats new in hypopharyngeal and laryngeal tumors, Brennpunkt Pathologie, Luzern, Switzerland
2024	Course director: IAP course Head & Neck Pathology, Bonn, Germany Lecture: “Pitfalls, metastases, what comes first, dignity or entity?” European Congress of Pathology (ECP), Firenze, Italy Lecture “Ancillary studies in salivary gland cytopathology”, 45 th European Congress of Cytology, Leipzig, Germany Lecture “Interdisciplinary management of salivary gland cancer: a pathologists view”, Swiss Head and Neck Society Symposium
2023	Lecture “NGS for gene fusion detection in salivary glands” European Congress of Pathology (ECP), Dublin, Ireland Lecture “Theragnostic Pathology – Connecting Pathology to the Image”, Annual Meeting of the Swiss Society of Pathology, Lausanne, Switzerland

Lecture "Biology in Advanced Prostate Cancer with Special Focus on PSMA" ESMO-EANM Advanced Course on Diagnostic and therapeutic applications of nuclear medicine in oncology, Essen

Lecture "SalvGlandDx – A Comprehensive Salivary Gland Neoplasm Specific Next Generation Sequencing Panel", Spring meeting, Austrian Society for Pathology, Vienna, Austria

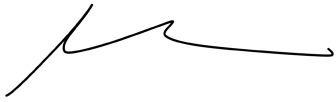
2022

Lecture "NGS for gene fusion detection in salivary glands", XI Molecular cytopathology, Napoli, Italia

Lecture "Recent advances in molecular cytopathology, NGS in salivary gland neoplasm", European Congress of Pathology (ECP), Basel, Switzerland

Lecture "The Value of Molecular Testing in Head & Neck Tumors", German Society of Head & Neck (DGHNO) annual meeting 2022, Hannover, German

Zurich, 24.07.2025

A handwritten signature in black ink, consisting of a stylized 'N' followed by a horizontal line and a small upward curve.

Niels Rupp