

Sabrina Hoffmann

Personal Data

Status/Function: PhD Student Oncology
Scientific focus: Oncology, cell trafficking, metastasis
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Education and qualifications

Since 10/2014: **Full-time PhD student**
Werner Siemens Imaging Center,
Department of Preclinical Imaging and Radiopharmacy, University of Tuebingen
2008 – 10/2014: **Full-time student**
Interfaculty Institute of Biochemistry,
Eberhard Karls University Tuebingen
2008: **Full-time student**
Schlossgymnasium Kirchheim/Teck.

Work Experience

2014 – present: **Full-time PhD student**
Werner Siemens Imaging Center,
Department of Preclinical Imaging and Radiopharmacy, University of Tuebingen

Teaching Experience

2017		Supervision of a Master Thesis in Molecular Medicine
2017		12th Small Animal Imaging Workshop of the Werner Siemens Imaging Center
2016:		11th Small Animal Imaging Workshop of the Werner Siemens Imaging Center
2015 – 2017:		Practical course on optical imaging for molecular medicine students
2015-2017:		Supervision of research interns from degree courses in Molecular Medicine, Medical Technologies and Molecular Cell Biology and Immunology

Additional Qualifications and Skills

- Advanced skills in MS Office
- Image Analysis (Inveon Research Workplace)
- Basic skills in image editing (Adobe Photoshop and Illustrator, CorelDraw)
- Basic knowledge in statistics software (JMP, GraphPad Prism)
- Basic knowledge in bioinformatics (Python, PyMOL)

- Basic skills in word processing with LaTeX
- Fluent in English, basic knowledge in French and Spanish

Publications

Comparison of the Accuracy of FMT/CT and PET/MRI for the Assessment of Antibody Biodistribution in Squamous Cell Carcinoma Xenografts. Hage C, Gremse F, Griessinger CM, Maurer A, Hoffmann SHL, Osl F, Pichler BJ, Kiessling F, Scheuer W, Pöschinger T. *J Nucl Med.* 2017 Aug 28. pii: jnumed.117.197178. doi: 10.2967/jnumed.117.197178

Murine Lymphocyte Labeling by ⁶⁴Cu-Antibody Receptor Targeting for In Vivo Cell Trafficking by PET/CT. Hoffmann SHL, Maurer A, Reck DI, Reischl G, Pichler BJ, Kneilling M, Griessinger CM. *J Vis Exp.* 2017 Apr 29;(122). doi: 10.3791/55270.

Fluorescence and Cerenkov luminescence imaging. Applications in small animal research. Schwenck J, Fuchs K, Eilenberger SH, Rolle AM, Castaneda Vega S, Thaiss WM, Maier FC: *Nuklearmedizin.* 2016 Apr 12;55(2):63-70. PMID: 27067794

Conferences and Courses attended

- **International Cancer Immunotherapy Conference, 2017, September 6-9, Mainz/Frankfurt, Germany.**
- Non-invasive in vivo imaging of ⁶⁴Cu-NOTA-αCD11b-labeled myeloid-derived suppressor cell homing to the primary and metastatic tumor microenvironment. *Poster presentation*
- **European Molecular Imaging Meeting, 2017, April 5-7, Cologne, Germany.**
- Visualization of the recruitment of ⁶⁴Cu-NOTA-CD11b-labeled myeloid-derived suppressor cells to the primary and metastatic tumor microenvironment by PET/MRI. *Poster presentation*
- **World Molecular Imaging Congress, 2016, September 7-10, New York, NY, USA.** Comparison of the migration patterns of granulocytic and monocytic myeloid-derived suppressor cells to primary and metastatic breast cancer by PET/MRI'. *Poster presentation*
- **54. Jahrestagung der Deutschen Gesellschaft für Nuklearmedizin, 2016, April 20-23, Dresden, Germany** 'Non-invasive *in vivo* imaging of granulocytic myeloid-derived suppressor cells in a breast cancer mouse model by PET/MRI' *Oral presentation*
- **Novel concepts in Innate Immunity Conference, 2015, September 23-25, Tuebingen, Germany.** 'In vivo imaging of ⁶⁴Cu-NOTA-CD11b-radiolabeled granulocytic myeloid-derived suppressor cells in a murine PyMT breast cancer model by PET/MRI' *Oral presentation*
- **World Molecular Imaging Congress, 2015, September 2-5, Honolulu, HI, USA.**
- 'In vivo tracking of ⁶⁴Cu-NOTA-CD11b-labeled granulocytic myeloid-derived suppressor cells in PyMT breast cancer by PET/MRI'. *Oral presentation*
- Participation in the animal care course: „Versuchstierkundliches Privatissimum zur Erlangung tierschutz- und versuchstierkundlicher Fachkenntnisse nach § 9 Abs. 1 des TSchG“ at the Eberhard Karls University of Tuebingen

Professional Memberships

Member of the European Society of Molecular Imaging

Awards and Honours

Travel stipend from the World Molecular Imaging Society for the World Molecular Imaging Congress 2015 in Honolulu, HI, USA