

Dr. Torsten Kniess

Principal Investigator
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Scientific Career

University	Technical University Dresden Diploma in Chemistry	1989
PhD	Technical University Dresden	1993
Post-Doc	Forschungszentrum Dresden-Rossendorf (FZD)	1995-2000
Post-Doc	Instituto Tecnológico e Nuclear, (ITN) Portugal	2001
Research Fellow	Department PET-Tracer, Institute of Radiopharmacy Forschungszentrum Dresden-Rossendorf (FZD)	2002
Current Position(s)	Head of Organic and Radiochemistry Group Institute of Radiopharmaceutical Cancer Research, Helmholtz-Zentrum Dresden-Rossendorf (HZDR)	since 2013

Publications

Number of Publications	63
thereof ISI or SCOPUS	63
h-index	11

Selected References (5 most relevant)

Ramenda T., Kniess T., Bergmann R., Steinbach J., Wuest F.,
Radiolabelling of proteins with fluorine-18 via click chemistry.
Chem. Commun., (2009), 7521-7523

Kniess T., Bergmann R., Kuchar M., Steinbach J., Wuest F.,
Synthesis and radiopharmacological investigation of 3-[4'-¹⁸F]fluorobenzylidene]indolin-2-one as
possible tyrosine kinase inhibitor.
Bioorg. Med. Chem., 17 (2009), 7732-7742

Kniess T., Laube M., Bergmann R., Sehn F., Graf F., Steinbach J., Wuest F., Pietzsch J.
Radiosynthesis of a ¹⁸F-labeled 2,3-diarylsubstituted indole via McMurry coupling for functional
characterization of cyclooxygenase-2 in vitro and in vivo.
Bioorg. Med. Chem., 20(11), (2012), 3410-3421

Laube M., Kniess T., Pietzsch J.
Radiolabeled COX-2 Inhibitors for Non-Invasive Visualization of COX-2 Expression and Activity - A
Critical Update.
Molecules, 18, (2013), 6311-6355

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Radiolabeled small molecule inhibitors of VEGFR - recent advances
Curr. Pharm. Design 18(20), (2012), 2867-2874