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## SCIENTIFIC CAREER

- 06/2012 – now      **University of Cologne**, Department of Translational Genomics, Cologne, Germany, Research Scientist
- 11/2011 – 05/2012      **Max Planck Institute of Neurological Research**, Cologne, Germany, Research Scientist
- 02/2008 – 06/2011      **German Cancer Research Center Heidelberg**, Germany; Research Group: Innate Immunity and Cancer, Ph.D. student
- 11/2006 – 03/2007      **Max Planck Institute for Biophysics, Frankfurt am Main**, Germany  
Research Division: Molecular Membrane biology, Internship
- 06/2006 – 10/2006      **University of Madison, WI, USA**; Research Division: Institute of Molecular Virology, Internship
- 02/2005 – 07/2005      **Medical University of Lübeck**, Lübeck, Germany  
Research Division: Department of Biochemistry, Bachelor thesis

## ACADEMIC EDUCATION

- 2008 – 2011      **Ph.D., Doctor of Natural Sciences**  
Ruperto-Carola-University, Heidelberg, Germany
- 2005 – 2007      **Master of Science in Molecular Life Science**  
Medical University of Lübeck, Germany
- 2002 – 2005      **Bachelor of Science in Molecular Life Science/Biotechnology**  
Medical University of Lübeck, Germany

## STIPENDS & PRIZES

- 2016      **IASLC Young Investigator Award** awarded by the International Association for the Study of Lung Cancer (IASLC)
- 2014      **AACR – Scholar in Training Award** awarded by the American Association for Cancer Research (AACR)
- 2011      **Postdoctoral Fellowship** awarded by the Max Planck society, Germany
- 2008      **Ph.D. 3-year scholarship** awarded by the German Cancer Research Center, Heidelberg, Germany

## RELEVANT PUBLICATIONS

1. **George J (co-corresponding author)**, Walter V, Peifer M, Alexandrov LB, *et al.* Integrative genomic profiling of large-cell neuroendocrine carcinomas reveals distinct subtypes of high-grade neuroendocrine lung tumors, Nature Communications, in press (2018)
2. Drapkin B, **George J (co-first)**, Christensen CL, Mino-Kenudson M, *et al.* Genomic and functional fidelity of small cell lung cancer patient-derived xenografts, Cancer Discovery, doi: 10.1158/2159-8290 (2018)
3. Doerr F, **George J**, Schmitt A, Beleggia F, *et al.* Targeting a non-oncogene addiction to the ATR/CHK1 axis for the treatment of small cell lung cancer. Science Reports, Nov 14;7(1):15511 (2017)
4. **George J**, Saito M, Tsuta K, Iwakawa R, *et al.* Genomic amplification of *CD274* (PD-L1) in small cell lung cancer. Clinical Cancer Research. 274 (2016).
5. **George J**, Lim JS, Jang SJ, Cun Y, *et al.* Comprehensive genomic profiles of small cell lung cancer. Nature. Aug 6;524(7563):47-53 (2015)
6. A. M. Schultheis, A. H. Scheel, L. Ozretić, **J. George (co-first)**, *et al.* “PD-L1 expression in small cell neuroendocrine carcinomas. European Journal of Cancer, vol. 51, no. 3, pp. 421–6 (2015)
7. Fernandez-Cuesta L, Sun R, Menon R, **George J**, *et al.* Identification of novel fusion genes in lung cancer using breakpoint assembly of transcriptome sequencing data, Genome Biology, vol. 16, no. 1, p. 7 (2015)
8. Fernandez-Cuesta L, Peifer M, Lu X, Sun R, Ozretić L, Seidal D, Zander T, Leenders F, **George J**, *et al.* Frequent mutations in chromatin-remodelling genes in pulmonary carcinoids. Nature Communications, vol. 5, p. 3518 (2014)
9. Peifer M, Fernández-Cuesta L, Sos ML, **George J**, *et al.* Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer. Nature Genetics, vol. 44, no. 10, pp. 1104–10 (2012)
10. **George, J.**, Motshwene, P.G., Wang, H., Kubarenko, A. V, *et al.* Two human MYD88 variants, S34Y and R98C, interfere with MyD88-IRAK4-myddosome assembly. Journal of Biological Chemistry. 286, 1341–1353 (2011)
11. **George, J.**, Kubarenko, A. V, Rautanen, A., Mills, T.C., *et al.* MyD88 adaptor-like D96N is a naturally occurring loss-of-function variant of TIRAP. Journal of Immunology. 184, 3025–3032 (2010)
12. Kubarenko, A. V, Ranjan, S., Colak, E., **George, J.**, *et al.* Comprehensive modeling and functional analysis of Toll-like receptor ligand-recognition domains. Protein Science. 19, 558–569 (2010)