

Martin Peifer

Status: Independent junior group leader
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Day of Birth: 16th December 1975
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Education

2007 Ph.D. in Physics at the Faculty of Mathematics and Physics of the Albert-Ludwigs University Freiburg, Germany. Graduated with summa cum laude.
2003 Diploma in theoretical physics at the Faculty of Mathematics and Physics of the Albert-Ludwigs University Freiburg, Germany.

Professional and research experience

2013 – now Junior Group: Computational Cancer Genomics. Career Advancement Program of the Center for Molecular Medicine Cologne, University of Cologne.
2012 – 2013 Postdoc at the Department of Translational Genomics, University of Cologne
2008 – 2012 Postdoc at the Max-Planck Institute for Neurological Research, Cologne
2007 – 2008 Postdoc at the Institute of Chemistry of the Karl-Franzens-University Graz, Austria

Selected publications

The Cancer Genome Atlas Research Network. Comprehensive Molecular Profiling of Lung Adenocarcinoma. *Nature* 511:543-550 (2014).

Xin Lu, Roman Thomas, **Martin Peifer**. CGARS: cancer genome analysis by rank sums. *Bioinformatics* 30: 1295-1296 (2014).

Lynnette Fernandez-Cuesta*, **Martin Peifer***, Xin Lu, et al. Frequent mutations affecting chromatin remodeling genes in pulmonary carcinoids. *Nature Communications* 5:3518 (2014). *equal contribution

Danila Seidel*, Thomas Zander*, Lukas C Heukamp*, **Martin Peifer***, et al. A genomics-based classification of human lung tumors. *Science Translational Medicine* 5: 209ra153 (2013). * equal contribution

Martin Peifer, Lynnette Fernandez-Cuesta, Martin L Sos, et al. Integrative genome analyses identify key somatic driver mutations of small-cell lung cancer. *Nature Genetics* 44:1104-1110 (2012).

The Cancer Genome Atlas Research Network. Comprehensive genomic characterization of squamous cell lung cancers. *Nature* 489:519-525 (2012).

Kwon-Sik Park, Luciano G Martelotto, **Martin Peifer**, et al. A crucial requirement for Hedgehog signaling in small cell lung cancer. *Nature Medicine* 17:1504-1508 (2011).