

General Information

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Current Position: Post-Doctoral fellow
Children: none

Academic Education

10/2011-06/2015 Doctoral Thesis (PhD), Institute of Human Genetics, Christian-Albrechts-University Kiel, Germany
10/2006-08/2011 Study of Molecular Biomedicine, Rheinische Friedrich-Wilhelms-University in Bonn, Germany

Academic Degrees

2015 Doctoral Thesis (PhD) from the Faculty of Sciences, Christian-Albrechts-University Kiel, Germany; Mentors: Prof. M. Dittmar / Prof. R. Siebert, Thesis title: "Identification and characterization of pathogenetically relevant genes in mature aggressive B-cell lymphomas of childhood by a combination of genomic and functional analyses" (summa cum laude)
2011 Diploma Thesis (Dipl. Mol. Biomed.) from the Department of Human Genetics, Faculty of Medicine, Christian-Albrechts-University Kiel, Germany, Mentor: Prof. RG. Weber, Thesis title: "Untersuchung des tumorigenen Potentials von CHD1L in Glioblastomen"

Professional Experience

Since 2015 Post-doctoral fellowship, Institute of Human Genetics, Christian-Albrechts-University Kiel, Germany. Mentor: Prof. R. Siebert

Miscellaneous

Awards, Honors, Positions:

2011-2015 Stipend of the „Christoph-Schubert Programm“ of the KinderKrebsInitiative Buchholz/Horn-Seppensen

Publications

1. Kretzmer H, Bernhart SH, Wang W, Haake A, Weniger MA, Bergmann AK, Betts MJ, Carrillo-de-Santa-Pau E, Doose G, Gutwein J, Richter J, Hovestadt V, Huang B, Rico D, Jühling F, Kolarova J, Lu Q, Otto C, Wagener R, Arnolds J, Burkhardt B, Claviez A, Drexler HG, Eberth S, Eils R, Flicek P, Haas S, Hummel M, Karsch D, Kerstens HH, Klapper W, Kreuz M, Lawerenz C, Lenze D, Loeffler M, López C, MacLeod RA, Martens JH, Kulis M, Martín-Subero JI, Möller P, Nagel I, Picelli S, Vater I, Rohde M, Rosenstiel P, Rosolowski M, Russell RB, Schilhabel M, Schlesner M, Stadler PF, Szczepanowski M, Trümper L, Stunnenberg HG; ICGC MMML-Seq project; BLUEPRINT project, Küppers R, Ammerpohl O, Lichter P, Siebert R, Hoffmann S, Radlwimmer B. DNA methylome analysis in Burkitt and follicular lymphomas identifies differentially methylated regions linked to somatic mutation and transcriptional control. **Nat Genet.** 2015 Nov;47(11):1316-25. doi: 10.1038/ng.3413.
2. Wagener R*, Aukema SM*, Schlesner M, Haake A, Burkhardt B, Claviez A, Drexler HG, Hummel M, Kreuz M, Loeffler M, Rosolowski M, López C, Möller P, Richter J, Rohde M, Betts MJ, Russell RB, Bernhart SH, Hoffmann S, Rosenstiel P, Schilhabel M, Szczepanowski M, Trümper L,

Klapper W, Siebert R, on behalf of the ICGC MMML-Seq-Project and the "Molecular Mechanisms in Malignant Lymphomas" Network Project of the Deutsche Krebshilfe, The PCBP1 gene encoding Poly(rC) binding protein 1 is recurrently mutated in Burkitt lymphoma, **Genes Chromosomes Cancer**. 2015 Sep;54(9):555-64. doi: 10.1002/gcc.22268.

* shared first authorship

3. Wagener R, Lenz M, Schuldt B, Lenz I, Schuppert A, Siebert R, Müller FJ, Investigation of potential traces of pluripotency in germinal-center derived B-cell lymphomas driven by MYC., **Blood Cancer J**. 2015 May; 5(5): e317. doi: 10.1038/bcj.2015.40.
4. Wagener R, Alexandrov LB, Montesinos-Rogen M, Schlesner M, Haake A, Drexler HG, Richter J, Bignell GR, McDermott U, Siebert R, Analysis of mutational signatures in exomes from B-cell lymphoma cell lines suggest APOBEC3 family members to be involved in the pathogenesis of Primary Effusion Lymphoma, **Leukemia**. 2015; doi: 10.1038/leu.2015.22
5. Salaverria I*, Martin-Guerrero I*, Wagener R*, Kreuz M, Kohler CW, Richter J, Pienkowska-Grela B, Adam P, Burkhardt B, Claviez A, Damm-Welk C, Drexler HG, Hummel M, Jaffe ES, Küppers R, Lefebvre C, Lisfeld J, Löffler M, Macleod RAF, Nagel I, Oschlies I, Rosolowski M, Russell RB, Rymkiewicz G, Schindler D, Schlesner M, Scholtysik R, Schwaenen C, Spang R, Szczepanowski M, Trümper L, Vater I, Wessendorf S, Klapper W, Siebert R for the "Molecular Mechanisms in Malignant Lymphoma" (MMML) Network Project and Berlin-Frankfurt-Münster (BFM)-NHL group: A recurrent 11q aberration pattern characterizes a subset of MYC-negative mature aggressive B-cell lymphomas resembling Burkitt lymphoma. **Blood**. 2014;123(8):1187-98.
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6. Bens S, Zichner T, Stütz AM, Caliebe A, Wagener R, Hoff K, Korbel JO, von Bismarck P, Siebert R, SPAG7 is a candidate gene for the periodic fever, aphthous stomatitis, pharyngitis and adenopathy (PFAPA) syndrome., **Genes Immun**. 2014; 15(3):190-4
7. Richter J, Schlesner M, Hoffmann S, Kreuz M, Leich E, Burkhardt B, Rosolowski M, Ammerpohl O, Wagener R, Bernhart SH, Lenze D, Szczepanowski M, Paulsen M, Lipinski S, Russell RB, Adam-Klages S, Apic G, Claviez A, Hasenclever D, Hovestadt V, Hornig N, Korbel JO, Kube D, Langenberger D, Lawrenz C, Lisfeld J, Meyer K, Picelli S, Pischmarov J, Radlwimmer B, Rausch T, Rohde M, Schilhabel M, Scholtysik R, Spang R, Trautmann H, Zenz T, Borkhardt A, Drexler HG, Möller P, Macleod RA, Pott C, Schreiber S, Trümper L, Loeffler M, Stadler PF, Lichter P, Eils R, Küppers R, Hummel M, Klapper W, Rosenstiel P, Rosenwald A, Brors B, Siebert R; ICGC MMML-Seq Project: Recurrent mutation of the ID3 gene in Burkitt lymphoma identified by integrated genome, exome and transcriptome sequencing. **Nat Genet**. 2012;44(12):1316-20.