

## General Information

Name: Prof. Dr. med. Reiner Siebert  
Date of Birth: 16.12.1968  
Gender: male  
Address: Institute of Human Genetics, Ulm University  
Albert-Einstein-Allee 11, 89081 Ulm, Germany  
Present: Institute of Human Genetics, Christian-Albrechts-University  
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Current Position: W3 Professor  
Children: 2

## Academic Education

1989-1996 Medical School, University of Essen, Germany

## Academic Degrees

08/2015 W3mL Professorship Human Genetics of the University Ulm accepted  
Since 2006 Full Professor (W3) and Chair of Human Genetics, Christian-Albrechts-University Kiel, Germany; Director, Institute of Human Genetics, CAU & UKSH, Campus Kiel  
2001 Postdoctoral Thesis (Habilitation) in "Human Genetics", Medical Faculty of the Christian-Albrechts-University Kiel. Mentor: Prof. W. Grote  
1997 Medical Doctorate (M.D.) from the Medical Faculty, University of Essen Doctoral Thesis, Medicine; Mentor: Prof. J. Schütte

## Professional Experience

Since 2011 Part time employed practitioner for Human Genetics, MVZ Kiel of the UKSH AZ gGmbH, Head of the Section Human Genetics of the MVZ Kiel  
Since 2006 Full Professor (W3) and Chair of Human Genetics, Christian-Albrechts-University Kiel, Germany; Director, Institute of Human Genetics, CAU & UKSH, Campus Kiel  
2001 – 2006 Lecturer Human Genetics, Deputy Director Institute of Human Genetics  
2003 Clinical Year, 2nd Medicine Department (Hematology/Oncology), University Hospital Schleswig-Holstein, Campus Kiel  
1996 – 2001 PostDoc and Physician, Institute of Human Genetics, Kiel

## Miscellaneous

### Awards, Honors, Positions:

Since 2014 Senior Advisor for the molecular genetics of lymphatic neoplasias for the IACR/WHO for the update of the WHO-Classification on tumors of the hematopoietic and lymphatic system.  
Since 2010 Coordinator of the International Cancer Genome Consortium (ICGC) Project ICGC MMML-Seq (Germinal-center B-cell derived lymphomas)

Since 2006	Elected Member of the International Lymphoma Study Group
Since 2005	Section Editor „Lymphoma“ of the journal „Leukemia“
Since 2003	Editorial Board of the journal „Leukemia“
Since 2003	Coordinator Working Group “Genetics” of the Network “Molecular Mechanisms in malignant Lymphomas” funded by Deutsche Krebshilfe
2002	Call on a professorship for “Molecular Oncology”, Department of Pediatric Hematology & Oncology, University Hospital Hamburg-Eppendorf, Germany (accepted in 2005, but not taken due to call to Kiel)
2002	Award of the Kiel Medical Association
1989-1996	Stipend of the „Studienstiftung des Deutschen Volkes“
Furthermore	Editorial Board “Genes, Chromosomes, Cancer” and “International Journal of Oncology”

## 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;47(11):1316-25.
2. 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.
3. Alexandrov LB, Nik-Zainal S, Wedge DC, Aparicio S, Behjati S, Biankin AV, Bignell GR, Bolli N, Borg A, Borresen-Dale AL, Boyault S, Burkhardt B, Butler AP, Caldas C, Davies HR, Desmedt C, Eils R, Eyfjöró JE, Foekens JA, Graeves M, Hosoda F, Huter B, Ilicic T, Imbeaud S, Imielinski M, Jäger N, Jones DTW, Jones D, Knappskog S, Kool M, Lakhani SR, Lopez-Otin C, Martin S, Munshi NC, Nakamura H, Northcott PA, Pajic M, Papaemmanuil E, Paradiso Angelo, Person JV, Puente XS, Raine K, Ramakrishna Manasa, Richardson AL, Richter J, Rosenstiel P, Schlesner M, Span PN, Teague JW, Totoki Y, Tutt A, Valdes-Mas R, van't Veer L, Vincent-Salomon A, Waddell N, Yates LR, Australian Pancreatic Cancer Genome Initiative, ICGC Breast Cancer Consortium, ICGC MMML-Seq Consortium, Zucman-Rossi J, Futreal PA, McDermott U, Lichter P, Meyerson M, Grimmond SM, Siebert R, Campo E, Shibata T, Pflister SM, Campbell PJ, Stratton MR: Signatures of mutational processes in human cancer. **Nature.** 2013;500(7463):415-21.
4. 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, Lawerenz 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.
5. Salaverria I, Philipp C, Oschlies I, Kohler CW, Kreuz M, Szczepanowski M, Burkhardt B, Trautmann H, Gesk S, Andrusiewicz M, Berger H, Fey M, Harder L, Hasenclever D, Hummel M, Loeffler M, Mahn F, Martin-Guerrero I, Pellissery S, Pott C, Pfreundschuh M, Reiter A, Richter J,

- Rosolowski M, Schwaenen C, Stein H, Trümper L, Wessendorf S, Spang R, Küppers R, Klapper W, Siebert R: Translocations activating IRF4 identify a subtype of germinal-center-derived B-cell lymphoma affecting predominantly children and young adults. **Blood**. 2011;118:139-47.
6. Schneppenheim R, Frühwald MC, Gesk S, Hasselblatt M, Jeibmann A, Kordes U, Kreuz M, Leuschner I, Subero JI, Obser T, Oyen F, Vater I, Siebert R: Germline nonsense mutation and somatic inactivation of SMARCA4/BRG1 in a family with rhabdoid tumor predisposition syndrome. **Am J Hum Genet**. 2010;86:279-84.
  7. Martin-Subero JI, Kreuz M, Bibikova M, Bentink S, Ammerpohl O, Wickham-Garcia E, Rosolowski M, Richter J, Lopez-Serra L, Ballestar E, Berger H, Agirre X, Bernd HW, Calvanese V, Cogliatti SB, Drexler HG, Fan JB, Fraga MF, Hansmann ML, Hummel M, Klapper W, Korn B, Kuppers R, Macleod RA, Moller P, Ott G, Pott C, Prosper F, Rosenwald A, Schwaenen C, Schubeler D, Seifert M, Sturzenhofecker B, Weber M, Wessendorf S, Loeffler M, Trumper L, Stein H, Spang R, Esteller M, Barker D, Hasenclever D, Siebert R: New insights into the biology and origin of mature aggressive B-cell lymphomas by combined epigenomic, genomic and transcriptional profiling. **Blood**. 2009;113:2488-97.
  8. Hummel M, Bentink S, Berger H, Klapper W, Wessendorf S, Barth TFE, Bernd HW, Cogliatti S, Dierlamm J, Feller A, Hansmann ML, Haralambieva E, Harder L, Hasenclever D, Kühn M, Lenze D, Lichter P, Martin-Subero JI, Möller P, Müller-Hermelink HK, Ott G, Parwaresch RM, Pott C, Rosenwald A, Rosolowski M, Schwaenen C, Stürzenhofecker B, Szcapanowski M, Trautmann H, Wacker HH, Spang R, Löffler M, Trümper L, Stein H, Siebert R: Molecular Mechanisms in Malignant Lymphomas Network Project of the Deutsche Krebshilfe: A biologic definition of Burkitt's lymphoma from transcriptional and genomic profiling. **N Engl J Med**. 2006;354:2419-30.
  9. The International Human Genome Mapping Consortium: McPherson JD, Marra M, Hillier L, Waterston RH, Chinwalla A, Wallis J, Sekhon M, Wylie K, Mardis ER, Wilson RK, Fulton R, Kucaba TA, Wagner-McPherson C, Barbazuk WB, Gregory SG, Humphray SJ, French L, Evans RS, Bethel G, Whittaker A, Holden JL, McCann OT, Dunham A, Soderlund C, Scott CE, Bentley DR, Schuler G, Chen HC, Jang W, Green ED, Idol JR, Braden Maduro VV, Montgomery KT, Lee E, Miller A, Emerling S, Kucherlapati R, Gibbs R, Scherer S, Gorrell JH, Sodergren E, Clerc-Blankenburg K, Tabor P, Naylor S, Garcia D, de Jong PJ, Catanese JJ, Nowak N, Osoegawa K, Qin S, Rowen L, Madan A, Dors M, Hood L, Trask B, Friedman C, Massa H, Cheung VG, Kirsch IR, Reid T, Yonescu R, Weissenbach J, Bruls T, Heilig R, Branscomb E, Olsen A, Doggett N, Cheng JF, Hawkins T, Myers RM, Shang J, Ramirez L, Schmutz J, Velasquez O, Dixon K, Stone NE, Cox DR, Haussler D, Kent WJ, Furey T, Rogic S, Kennedy S, Jones S, Rosenthal A, Wen G, Schilhabel M, Gloeckner G, Nyakatura G, Siebert R, Schlegelberger B, Korenberg J, Chen XN, Fujjama A, Hattori M, Toyoda A, Yada T, Park HS, Sakaki Y, Shimizu N, Asakawa S, Kawasaki K, Sasaki T, Shintani A, Shimizu A, Shibuya K, Kudoh J, Minoshima S, Ramser J, Seranski P, Hoff C, Poustka A, Reinhardt R, Lehrach H: A physical map of the human genome. **Nature**. 2001;409:934-41.
  10. Zhang Q, Siebert R, Yan M, Hinzmann B, Cui X, Xue L, Rakestraw KM, Naeve CW, Beckmann G, Weisenburger DD, Sanger WG, Nowotny H, Vesely M, Callet-Bauchu E, Salles G, Dixit VM, Rosenthal A, Schlegelberger B, Morris SW: Inactivating mutations and overexpression of BCL10 a caspase recruitment domain-containing gene in MALT lymphoma with t(1;14)(p22;q32). **Nat Genet**. 1999;22:63-68.