

Curriculum Vitae

Ole Ammerpohl Professor, Dr. rer. Nat.
d.o.b. March 3rd, 1970, in Hamburg, Germany

University Education

2012 Habilitation in "Experimental Human Genetics", Medical Faculty of CAU Kiel
1997-2000 PhD studies and PhD, Justus-Liebig-University, Gießen
1991-1997 Studies of Biology and Diploma in Biology, Justus-Liebig-University, Gießen

Scientific Career

Since 2024: Member and Principal Investigator at the German Center for Child and Adolescent Health (DZKJ)
Since 2017 W3-Professor (oL) for Epigenetics and Deputy-Director of the Institute of Human Genetics, Ulm University & Ulm University Medical Center
Since 2012 Member and Principal Investigator at the German Center for Lung Research (DZL)
2014- 2017 Member of the Steering Committee of the Kiel Oncology Network (KON)
2013- 2017: Spokesperson of Research Area II (Somatic and Epigenetic Determination of Cellular Destiny) of the Cluster of Excellence 306: Inflammation at Interfaces of the DFG and member of the Steering Committee
2012-2017 W2-Professor for Somatic Genetics and Epigenetics, CAU Kiel; Institute of Human Genetics, UKSH
2011 – 2017 Member of the Inflammation at Interfaces Cluster of Excellence
2008-2012 Senior Scientist, Institute of Human Genetics, UKSH and Christian-Albrechts-University Kiel (CAU)
2003-2008 Post-Doc Fellow, Clinic for General Surgery and Thoracic Surgery, University Hospital Kiel/CAU
2001-2002 Marie-Curie Fellow (EU), Karolinska Institute, Stockholm, Sweden

Awards and Honors

2014 Dietrich-Knorr-Award of the German Society for Pediatric Endocrinology and Diabetology
2001-2002 Marie-Curie Fellowship of the European Union

Citation Record

Total citations: 12,966; *h-index:* 49 (Google Scholar March 2026)

Top-10 selected Publications

Brändl B, Steiger M, Kubelt C, Rohrandt C, Zhu Z, Evers M, Wang G, Schuldt B, Afflerbach AK, Wong D, Lum A, Halldorsson S, Djirackor L, Leske H, Magadeeva S, Smičius R, Quedenau C, Schmidt NO, Schüller U, Vik-Mo EO, Proescholdt M, Riemenschneider MJ, Zadeh G, **Ammerpohl O**, Yip S, Synowitz M, van Bömmel A, Kretzmer H, Müller FJ. Rapid brain tumor classification from sparse epigenomic data. *Nat Med.* 2025 Mar;31(3):840-848. doi: [10.1038/s41591-024-03435-3](https://doi.org/10.1038/s41591-024-03435-3).

Glaser S, Kretzmer H, Kolassa IT, Schlesner M, Fischer A, Fenske I, Siebert R, **Ammerpohl O**. Navigating Illumina DNA methylation data: biology versus technical artefacts. *NAR Genom Bioinform*. 2024 Dec 18;6(4):lqae181. doi: [10.1093/nargab/lqae181](https://doi.org/10.1093/nargab/lqae181).

Broséus J, Hergalant S, Vogt J, Tausch E, Kreuz M, Mottok A, Schneider C, Dartigeas C, Roos-Weil D, Quinquenel A, Moulin C, Ott G, Blanchet O, Tomowiak C, Lazarian G, Rouyer P, Chteinberg E, Bernhart SH, Tournilhac O, Gauchotte G, Lomazzi S, Chapiro E, Nguyen-Khac F, Chery C, Davi F, Hunault M, Houlgatte R, Rosenwald A, Delmer A, Meyre D, Béné MC, Thieblemont C, Lichter P, **Ammerpohl O**, Guéant JL; ICGC MMML-Seq Consortium; Guièze R, Martin-Subero JI, Cymbalista F, Feugier P, Siebert R, Stilgenbauer S. Molecular characterization of Richter syndrome identifies de novo diffuse large B-cell lymphomas with poor prognosis. *Nat Commun*. 2023 Jan 19;14(1):309. doi: [10.1038/s41467-022-34642-6](https://doi.org/10.1038/s41467-022-34642-6).

Goldmann T, Schmitt B, Müller J, Kröger M, Scheufele S, Marwitz S, Nitschkowski D, Schneider MA, Meister M, Muley T, Thomas M, Kugler C, Rabe KF, Siebert R, Reck M, **Ammerpohl O**. DNA methylation profiles of bronchoscopic biopsies for the diagnosis of lung cancer. *Clin Epigenetics*. 2021 Feb 17;13(1):38. doi: [10.1186/s13148-021-01024-6](https://doi.org/10.1186/s13148-021-01024-6).

Giesselmann P, Brändl B, Raimondeau E, Bowen R, Rohrandt C, Tandon R, Kretzmer H, Assum G, Galonska C, Siebert R, **Ammerpohl O**, Heron A, Schneider SA, Ladewig J, Koch P, Schuldt BM, Graham JE, Meissner A, Müller FJ. Analysis of short tandem repeat expansions and their methylation state with nanopore sequencing. *Nat Biotechnol*. 2019 Dec;37(12):1478-1481. doi: [10.1038/s41587-019-0293-x](https://doi.org/10.1038/s41587-019-0293-x).

Marwitz S, Heinbockel L, Scheufele S, Kugler C, Reck M, Rabe KF, Perner S, Goldmann T, **Ammerpohl O**. Fountain of youth for squamous cell carcinomas? On the epigenetic age of non-small cell lung cancer and corresponding tumor-free lung tissues. *Int J Cancer*. 2018 Dec 15;143(12):3061-3070. doi: [10.1002/ijc.31641](https://doi.org/10.1002/ijc.31641).

Wahl S, Drong A, Lehne B, Loh M, Scott WR, Kunze S, Tsai PC, Ried JS, Zhang W, Yang Y, Tan S, Fiorito G, Franke L, Guarrera S, Kasela S, Kriebel J, Richmond RC, Adamo M, Afzal U, Ala-Korpela M, Albeti B, **Ammerpohl O**, Apperley JF, [...], Kooner JS, Grallert H, Chambers JC. Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. *Nature*. 2017 Jan 5;541(7635):81-86. doi: [10.1038/nature20784](https://doi.org/10.1038/nature20784).

Horvath S, Erhart W, Brosch M, **Ammerpohl O**, von Schönfels W, Ahrens M, Heits N, Bell JT, Tsai PC, Spector TD, Deloukas P, Siebert R, Sipos B, Becker T, Röcken C, Schafmayer C, Hampe J. Obesity accelerates epigenetic aging of human liver. *Proc Natl Acad Sci U S A*. 2014 Oct 28;111(43):15538-43. doi: [10.1073/pnas.1412759111](https://doi.org/10.1073/pnas.1412759111).

Ahrens M, **Ammerpohl O**, von Schönfels W, Kolarova J, Bens S, Itzel T, Teufel A, Herrmann A, Brosch M, Hinrichsen H, Erhart W, Egberts J, Sipos B, Schreiber S, Häsler R, Stickel F, Becker T, Krawczak M, Röcken C, Siebert R, Schafmayer C, Hampe J. DNA methylation analysis in nonalcoholic fatty liver disease suggests distinct disease-specific and remodeling signatures after bariatric surgery. *Cell Metab*. 2013 Aug 6;18(2):296-302. doi: [10.1016/j.cmet.2013.07.004](https://doi.org/10.1016/j.cmet.2013.07.004).

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 Dec;44(12):1316-20. doi: [10.1038/ng.2469](https://doi.org/10.1038/ng.2469).