

JAN CHRISTOPH, JUN.-PROF.DR.

(* 02.12.1983)



JUNIOR PROFESSOR

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ACADEMIC EDUCATION AND SCIENTIFIC DEGREES

2016-2019	Doctoral Degree (Dr. rer. biol. hum.), University Erlangen-Nuremberg
2010-2015	Master of Science (M.Sc.) in Medical Process Management, University Erlangen-Nuremberg, Germany
2007 - 2009	Master of Science (M.Sc.) in Bioinformatics, University Saarland, Germany

PROFESSIONAL CAREER

2021 -- now	Scientific Head of the Data Integration Center (DIC) of the University Medicine Halle and W1-professorship / Head of the WG "(Bio-) Medical Data Science" of the Martin-Luther-University Halle-Wittenberg
2020 – 2021	Head of Core Unit "Bioinformatics, Data integration and analysis" of University Hospital Erlangen
2010 – now	Researcher at the Department of Medical Informatics, Friedrich-Alexander-University Erlangen-Nuremberg
2009 – 2012	Lecturer, Saarland University

AWARDS AND APPOINTMENTS

2018 -- 2021	Deputy Spokesperson of the Use Case 3 "From Knowledge to Action - Support for Molecular Tumor Boards" of the MIRACUM consortium within the Medical Informatics Initiative
2010 -- now	Member of the three working groups "Medical Bioinformatics and Systems Medicine", "IT infrastructure and quality management " and "Data privacy " of the German Technology & Method Platform for Networked Medical Research TMF e.V.
2015	GMDS award for best master thesis in the field of Medical informatics

FIVE SELECTED PUBLICATIONS

1. Buechner, P., Hinderer, M., Unberath, P., Metzger, P., Boeker, M., Acker, T., ... & **Christoph, J.** (2020). Requirements analysis and specification for a molecular tumor board platform based on cBioPortal. *Diagnostics*, 10(2), 93.
2. Gruendner, J., Wolf, N., Tögel, L., Haller, F., Prokosch, H. U., & **Christoph, J.** (2020). Integrating genomics and clinical data for statistical analysis by using GENome MINing (GEMINI) and Fast Healthcare Interoperability Resources (FHIR): System design and implementation. *Journal of medical Internet research*, 22(10), e19879.
3. Ustjanzew, A., Desuki, A., Ritzel, C., Dolezilek, A. C., Wagner, D. C., **Christoph, J.**, ... & Paret, C. (2021). cbpManager: a web application to streamline the integration of clinical and genomic data in cBioPortal to support the Molecular Tumor Board. *BMC medical informatics and decision making*, 21(1), 1-13.
4. **Christoph, J.**, Knell, C., Bosserhoff, A., Naschberger, E., Stürzl, M., Rübner, M., ... & Sedlmayr, B. (2017). Usability and suitability of the omics-integrating analysis platform transSMART for translational research and education. *Applied clinical informatics*, 8(04), 1173-1183.
5. Kunz, M., Wolf, B., Fuchs, M., **Christoph, J.**, Xiao, K., Thum, T., ... & Dandekar, T. (2020). A comprehensive method protocol for annotation and integrated functional understanding of lncRNAs. *Briefings in bioinformatics*, 21(4), 1391-1396.