

Curriculum Vitae



Personal Information

First name: Marcus	Partner No.: No 6 MLU
Surname: Bauer	Role in the consortium: Research task member
Title/s: Dr. med.	
Gender: Male	
Nationality: German	
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Country: Germany	Legal status: Academic public

Major Scientific Expertise

- Expertise in clinical pathology
- Establishment of immunohistochemistry in low-income settings
- Tumor microenvironment research on national and international level with emphasis on Ethiopia

Employment history

- 2015-2022 Department of Pathology, Medical Faculty, Martin-Luther-University Halle-Wittenberg, Germany

Qualifications

- 2009-2015 Medical School at Martin-Luther-University Halle-Wittenberg, Germany
- 2017 Dr. med. (title of thesis „The influence of single nucleotide polymorphism in TP53, MDM2, MDMX and LGR6 on female Breast Cancer“)

Scientific Activities, Achievements and Awards

- since 2020 Establishment of immunohistochemistry services for breast cancer diagnostics in cooperation with colleagues from Addis Ababa University

Publications

6. **Bauer M**, Vaxevanis C, Al-Ali HK, Jaekel N, Naumann CLH, Schaffrath J, Rau A, Seliger B, Wickenhauser C. Altered Spatial Composition of the Immune Cell Repertoire in Association to CD34+ Blasts in Myelodysplastic Syndromes and Secondary Acute Myeloid Leukemia. *Cancers (Basel)*. 2021 Jan 7;13(2):186. doi: 10.3390/cancers13020186. PMID: 33430322; PMCID: PMC7825771.
2. **Bauer M**, Vaxevanis C, Bethmann D, Massa C, Pazaitis N, Wickenhauser C, Seliger B. Multiplex immunohistochemistry as a novel tool for the topographic assessment of the bone marrow stem cell niche. *Methods Enzymol*. 2020;635:67-79. doi: 10.1016/bs.mie.2019.05.055. Epub 2019 Jun 18. PMID: 32122554.
3. **Bauer M**, Jasinski-Bergner S, Mandelboim O, Wickenhauser C, Seliger B. Epstein-Barr Virus-Associated Malignancies and Immune Escape: The Role of the Tumor Microenvironment and Tumor Cell Evasion Strategies. *Cancers (Basel)*. 2021 Oct 16;13(20):5189. doi: 10.3390/cancers13205189. PMID: 34680337; PMCID: PMC8533749.
4. **Bauer M**, Vaxevanis C, Heimer N, Al-Ali HK, Jaekel N, Bachmann M, Wickenhauser C, Seliger B. Expression, Regulation and Function of microRNA as Important Players in the Transition of MDS to Secondary AML and Their Cross Talk to RNA-Binding Proteins. *Int J Mol Sci*. 2020 Sep 27;21(19):7140. doi: 10.3390/ijms21197140. PMID: 32992663; PMCID: PMC7582632.
5. Ziegenhorn HV, Frie KG, Ekanem IO, Ebughe G, Kamate B, Traore C, Dzamalala C, Ogunbiyi O, Igbinoba F, Liu B, **Bauer M**, Thomssen C, **Parkin DM**, Wickenhauser C, **Kantelhardt EJ**. Breast cancer pathology services in sub-Saharan Africa: a survey within population-based cancer registries. *BMC Health Serv Res*. 2020 Oct 2;20(1):912. doi: 10.1186/s12913-020-05752-y. PMID: 33008380; PMCID: PMC7531092.