Ansgar Poetsch　**博士**

教授，博士生导师
江西省省级人才

● 教育和工作背景:

2022-04 至今, 南昌大学, 基础医学院, 教授

2019-07 至 2022-03, 青岛海洋科学与技术国家实验室, 海洋分子生物技术公共实验平台, 教授

2017-01 至 2019-06, 英国普利茅斯大学, 医学系, 副教授

2002-10 至 2017-01, 德国波鸿鲁尔大学, 生物系, 副教授

2001-07 至 2002-09, 德国波鸿鲁尔大学，博士后

1999-08 至 2001-05, 英属哥伦比亚大学，博士后

1995-10 至 1999-05, 德国达姆施塔特工业大学, 生物物理化学, 博士

1993-10 至 1995-09, 德国达姆施塔特工业大学, 化学工程, 硕士研究生

1990-10 至 1993-09, 德国达姆施塔特工业大学, 化学工程, 本科

● 研究兴趣、领域:

Ansgar Poetsch 教授所带领的课题组主要致力于基于质谱技术、蛋白组学、代谢组学的重大疾病生物标志物寻找，包括氧化应激与衰老研究，基于蛋白质组学研究线粒体相关细胞外囊泡在衰老心肌细胞中调控机制；以及基于质谱与蛋白质组学的精子研究，鉴定精子中未知蛋白，解析候选未知蛋白在精子中的功能，探究翻译后修饰在精子中的功能。Ansgar Poetsch 教授曾在德国、西班牙及中国等国家主持完成 17 项基金项目，在 Nature, Nat. Communications, EMBO Journal 等 SCI 期刊上发表论文 102 篇，作为第一和通讯作者发表文章 42 篇，参与编写专著 6 部，在欧洲获批 2 项专利。

● 学术兼职:

德国应用微生物学会成员

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《Biology》编辑及审稿人

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● 荣誉、奖励：

2022, 江西省省级人才

2018, 英国高等教育研究院资深会士（FHEA）

2014, 中国科学院院长奖

2009, 德国联邦教育及研究部优秀青年研究课题

2004, 蛋白质组学青年科学家奖

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● 代表性论文：

1. Chen, X.; Poetsch, A. , The Role of Cdo1 in Ferroptosis and Apoptosis in Cancer. Biomedicines, 2024, 12, 918.

2. Jian, H.; Poetsch, A. , CASZ1: Current Implications in Cardiovascular Diseases and Cancers. Biomedicines, 2023, 11, 2079.

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4. Luenenschloss, A., Veld, F., Albaum, S., Neddermann, T., Wendisch, V., Poetsch, A., et al.,Functional Genomics Uncovers Pleiotropic Role of Rhomboids in Corynebacterium glutamicum. Frontiers in Microbiology, 2022. 13.

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12. Trotschel, C., et al., Protein turnover quantification in a multilabeling approach: from data calculation to evaluation. Mol Cell Proteomics, 2012. 11(8): p. 512-26.
13. Rietschel, B., Tabiwang, N., Arrey, B., Meyer1, A., Bornemann1, S., Schuerken1, M., Poetsch, A., et al., Elastase digests: new ammunition for shotgun membrane proteomics. Mol Cell Proteomics, 2009. 8(5): p. 1029-43.
14. Gertz, M., Seelert, H., Dencher, N., Poetsch, A., et al., Interactions of rotor subunits in the chloroplast ATP synthase modulated by nucleotides and by Mg2+. Biochim Biophys Acta, 2007. 1774(5): p. 566-74.
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16. Poetsch, A., L. Molday, and R. Molday, The cGMP-gated channel and related glutamic acid-rich proteins interact with peripherin-2 at the rim region of rod photoreceptor disc membranes. Journal of Biological Chemistry, 2001. 276(51): p. 48009-48016.
17. Seelert, H., Poetsch, A., et al., Structural biology - Proton-powered turbine of a plant motor. Nature, 2000. 405(6785): p. 418-419.

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