Oliver Kurzai

National Reference Center for Invasive Fungal Infections · Head Fungal Septomics · Head
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Curriculum vitae

Main Research Areas

- Infection biology of human pathogenic fungi (especially Candida albicans)
- Infection biology of Neisseria meningitidis

Professional Career

Since 2017 Chair of Medical Microbiology and Mycology,

	Institute for Hygiene and Microbiology, Julius Maximilians University Würzburg and head of the research group Fungal Septomics at Leibniz Institute for Natural Product Research and Infection Biology – Hans-Knöll-Institute Jena
2009-2016	Professor (W2) for Fungal Septomics, Friedrich-Schiller-University Jena
2008	Habilitation in medical microbiology, University Würzburg
2006	Medical specialist in microbiology, virology and infection epidemiology (Bayerische Landesärztekammer)
2003	Head of a working group, Institut für Hygiene und Mikrobiologie, University Würzburg
2001-2002	Doctor in practical training (AiP), Institut für Hygiene und Mikrobiologie, University Würzburg
2002	Dr. med., “summa cum laude” University Würzburg
2001	Staatsexamen (state examination) in human medicine, University Würzburg

Awards · Appointments · Scientific Activities

Since 2014	Head of the Nationales Referenzzentrums für invasive Pilzinfektionen (NRZMyk)
Since 2013	Board member of the Integriertes Forschungs- und Behandlungszentrum *“Center for Sepsis Control and Care”* (CSCC) at the University Hospital Jena
Since 2012	Scientific Manager of the consortium “InfectControl 2020 – New Antiinfection Strategies – Science • Society • Economy” within the BMBF-Programme “Zwanzig 20 – Partnership for Innovation” (Head: Prof. A. Brakhage)
Since 2012	Editor-in-chief, Medical Mycology Case Reports, member (ex officio) of the executive board of the *International Society for Human & Animal Mycology* (ISHAM)
Since 2011	Elected note taker at the Deutschsprachige Mykologische Gesellschaft DMykG
2015-2016	Speaker of the ZIK Septomics
2011-2013	Editor, J*ournal of Basic Microbiology*
2009	Hans-Rieth-poster prize from the Deutschsprachige Mykologische Gesellschaft (DMykG)
2008	Award from the Deutsche Gesellschaft für Hygiene und Mikrobiologie

2003	Science award from the Unterfränkische Gedenkjahrstiftung
2003	Dissertation award from the medical faculty of the University Würzburg
2002	Becton-Dickinson PhD award from the Deutsche Gesellschaft für Hygiene und Mikrobiologie

Publications

Aldejohann AM, Menner C, Thielemann N, Martin R, Walther G, Kurzai O (2024) *In vitro* activity of ibrexafungerp against clinically relevant echinocandin-resistant *Candida* strains. *Antimicrob Agents Chemother* 68(2), e0132423.

Details

Banz M, Stallmach A, Gaßler N, Schulze PC, Fritzenwanger M, Cornely O, Kurzai O, Pletz MW (2024) Fatal pulmonary hemorrhage, pneumothorax and skin necrosis caused by IRIS to an *Aspergillus flavus* infection in a young patient with metamizole associated agranulocytosis. *Infection* 52(2), 685-690.

Details

Krone M, Rauschenberger V, Blaschke V, Claus H, Kurzai O, Kampmeier S (2024) *Ralstonia pickettii* bloodstream infections with potential genomic link to internationally distributed contaminated saline solution, Germany, October 2023. *Euro Surveill* 29(3), 2400010.

Details

Kurotschka PK, Borgulya G, Bucher E, Endrich I, Figueiras A, Gensichen J, Hay AD, Hapfelmeier A, Kretzschmann C, Kurzai O, Lam TT, Massidda O, Sanftenberg L, Schmiemann G, Schneider A, Simmenroth A, Stark S, Warkentin L, Ebell MH, Gàgyor I; Bavarian Practice-Based Research Network (BayFoNet) (2024) Dipsticks and point-of-care Microscopy to reduce antibiotic use in women with an uncomplicated Urinary Tract Infection (MicUTI): protocol of a randomised controlled pilot trial in primary care. *BMJ Open* 14(3), e079345.

Details

Schrenker B, Zimmermann A, Koch T, Walther G, Martin R, Kampik D, Kurzai O, Theuersbacher J (2024) Polyhexanide based contact lens storage fluids frequently exhibit insufficient antifungal activity against *Fusarium* species. *Int J Med Microbiol* 314, 151602.

Details

Stieber H, Junghanns L, Wilhelm H, Batliner M, Aldejohann AM, Kurzai O, Martin R (2024) The sphingolipid inhibitor myriocin increases *Candida auris* susceptibility to amphotericin B. *Mycoses* 67(4), e13723.

Details

Aldejohann AM, Martin R, Hecht J, Haller S, Rickerts V, Walther G, Eckmanns T, Kurzai O (2023) Rise in *Candida Auris* cases and first nosocomial transmissions in Germany. *Dtsch Arztebl Int* 120(27-28), 447-478.

Details

Cordeiro TRL, Walther G, Lee HB, et al (2023) A polyphasic approach to the taxonomy of *Backusella* reveals two new species. *Mycological Progress* 22,

Details

Engels G, Oechsle AL, Schlegtendal A, Maier C, Holzwarth S, Streng A, Lange B, Karch A, Petersmann A, Streeck H, Blaschke-Steinbrecher S, Härtel C, Schroten H, von Kries R, Berner R, Liese J, Brinkmann F, Toepfner N (2023) SARS-CoV-2 sero-immunity and quality of life in children and adolescents in relation to infections and vaccinations: the IMMUNEBRIDGE KIDS cross-sectional study, 2022. *Infection* 51(5), 1531-1539.

Details

Garbe E, Thielemann N, Hohner S, Kumar A, Vylkova S, Kurzai O, Martin R (2023) Functional analysis of the *Candida albicans* ECE1 Promoter. *Microbiol Spectr* 11(2), e0025323.

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Publication list as PDF

News

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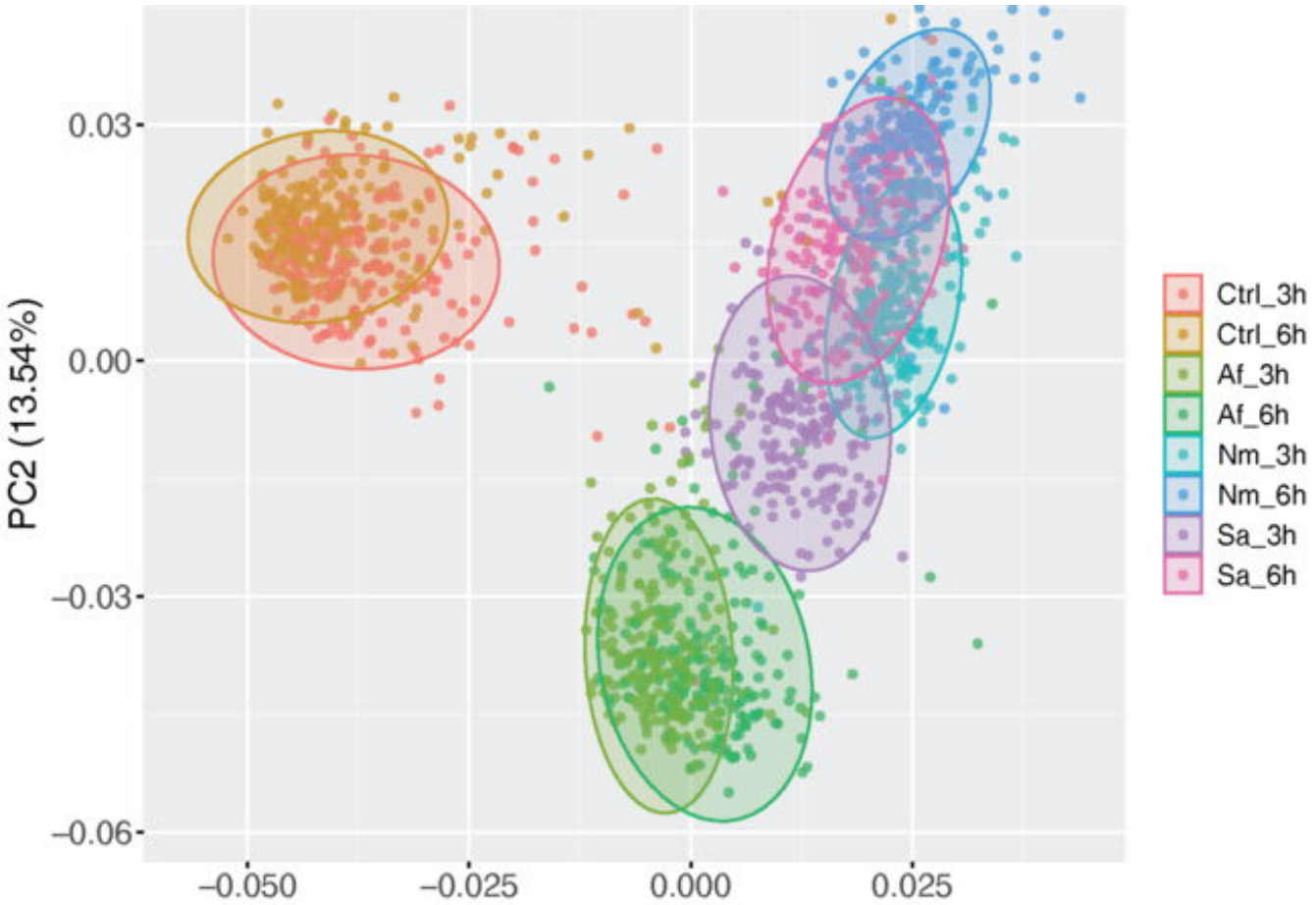

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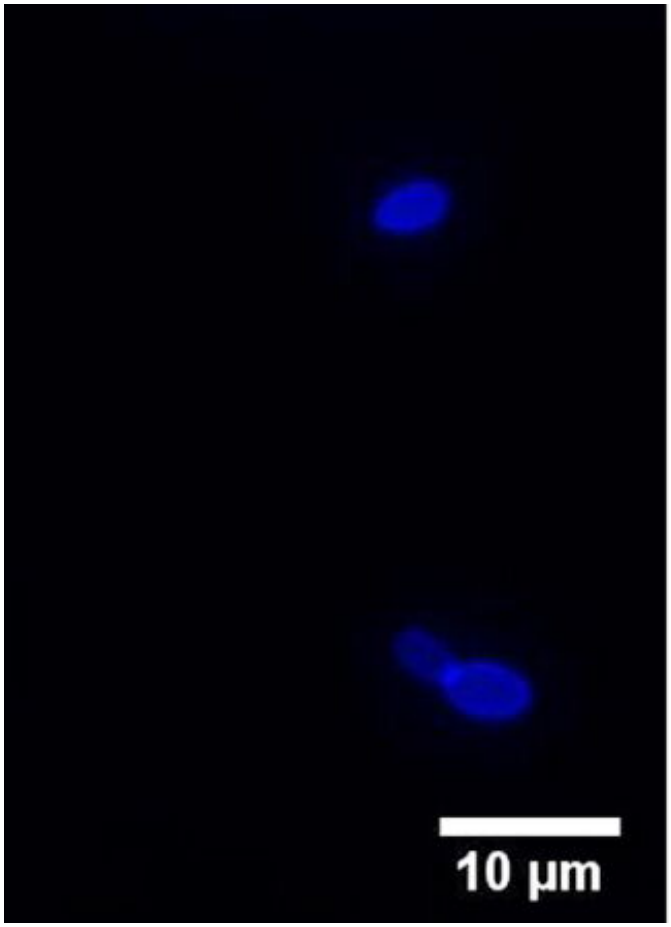

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