



Oliver Kurzai

[National Reference Center for Invasive Fungal Infections · Head](#) [Fungal Septomycosis · Head](#)
+49 3641 532-1347 oliver.kurzai@leibniz-hki.de

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 “ <i>Center for Sepsis Control and Care</i> ” (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 <i>International Society for Human & Animal Mycology</i> (ISHAM)
Since 2011	Elected note taker at the Deutschsprachige Mykologische Gesellschaft DMykG
2015-2016	Speaker of the ZIK Septomics
2011-2013	Editor, <i>Journal of Basic Microbiology</i>
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 metamazole 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.

[Details](#)



- [1](#)
- [2](#)
- [3](#)
- [4](#)
- [5](#)
- [6](#)
- [7](#)
- [Load more](#)
- [Last](#)

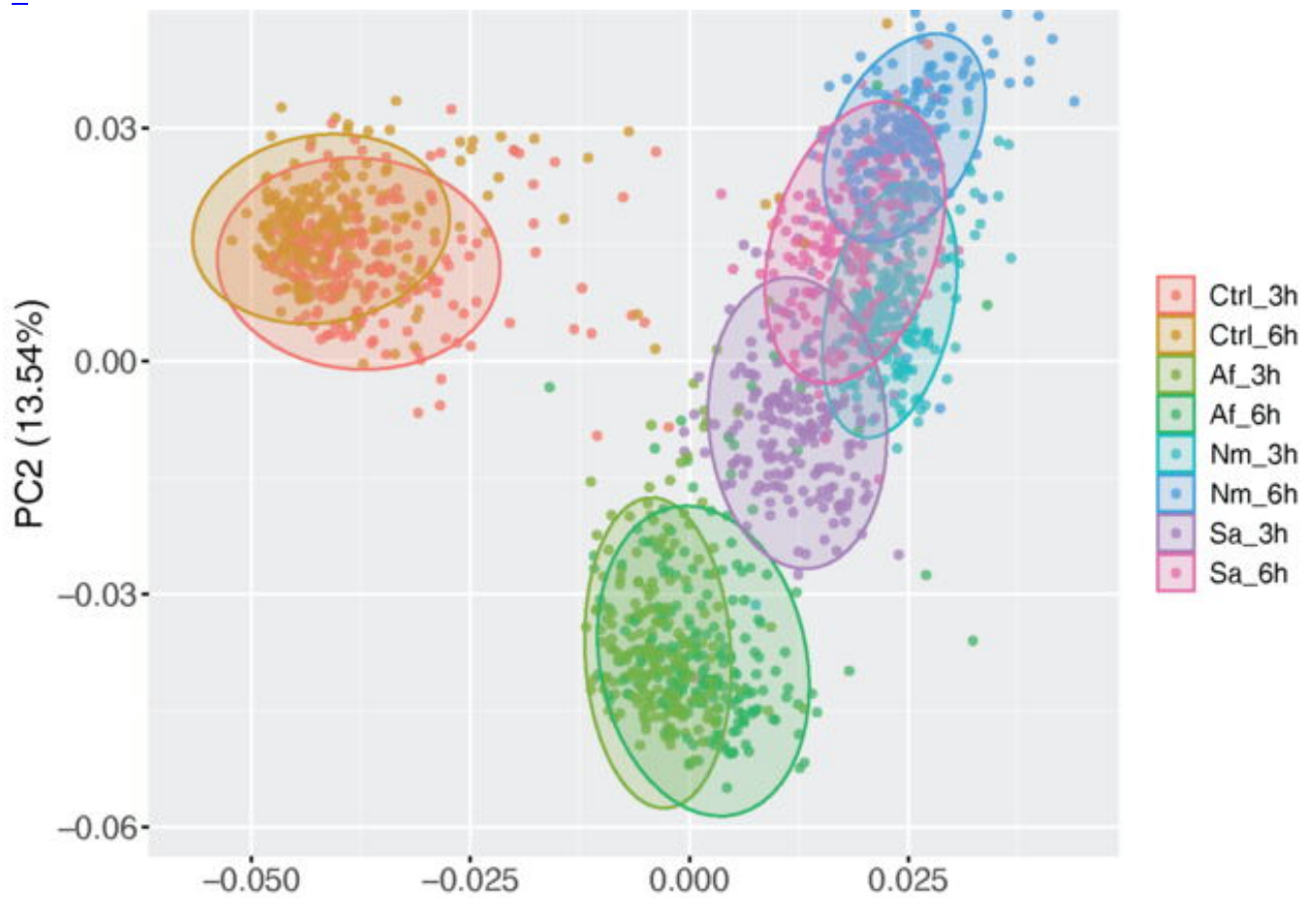
[Publication list as PDF](#)

News

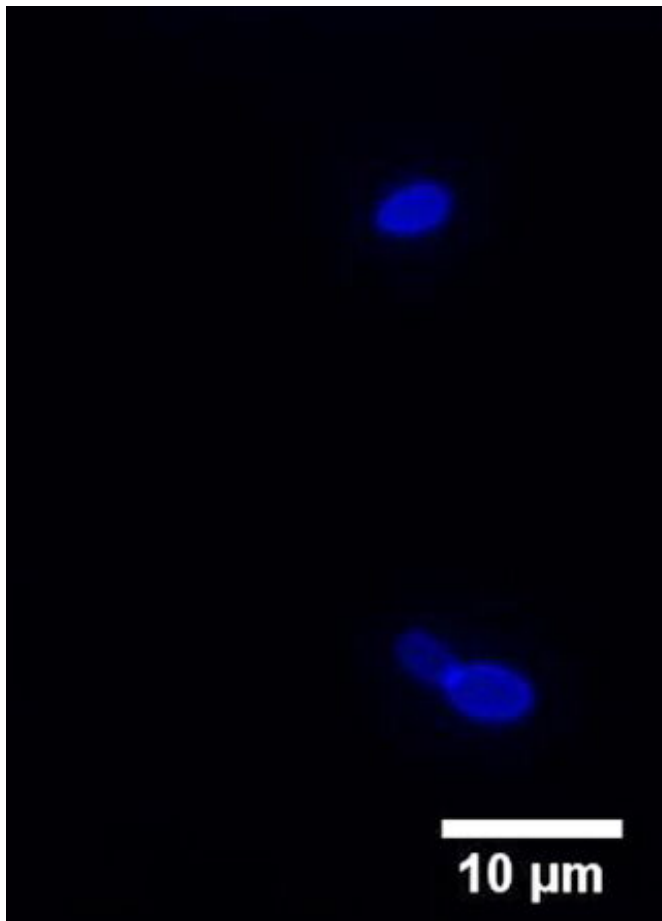


[A fungus gets comfortable](#) *Aspergillus fumigatus* strains that infect humans have a significantly altered metabolism compared to other strains in the environment. At the same time...

08/08/2023 [Read more](#)



[Small differences with a big effect. How do our genes determine the immune response to pathogens? That depends on small differences in the genome. The situation is complex, as a new study... 06/09/2023 Read more](#)



[Resistant fungal species spreads](#) The number of infections with the fungus *Candida auris* is also increasing in Germany. This is shown in a new study by research teams from Würzburg, J...
 05/12/2023 [Read more](#)