



Marie von Lilienfeld-Toal

[National Reference Center for Invasive Fungal Infections](#) [Infections in Hematology/Oncology](#)
+49 3641 532-1720 marie.lilienfeld-toal@leibniz-hki.de

Curriculum vitae

Main Research Areas

- Tumour and infection immunology
- Epidemiology of infections of von Infektionen immunosuppressed patients
- Clinical diagnostic and therapeutical studies

Professional Career

2014	Deputy head of the Nationales Referenzzentrum für invasive Pilzinfektionen
2013	W2-professorship in infection research in haematology and oncology, medical faculty, Friedrich-Schiller University Jena
2010	Habilitation in internal medicine, Rheinische Friedrich-Wilhelms University Bonn
2008-2013	Senior physician in the dept. haematology / oncology (med. clinic III), University Hospital, Bonn
2007-2008	EBMT Fellowship Bone Marrow Transplantation Programme, Leeds, UK
2007	Acceptance of the priority area haematology / oncology
2006	Specialist in internal diseases
2003-2004	Gerok fellowship within the BonFor funding programme, medical faculty Bonn
1999-2007	Doctor in practical training (AiP) /assistant physician in internal medicine, University Hospital Bonn
1999	PhD in clinical pharmacology, „ <i>magna cum laude</i> “, medical faculty, Rheinische Friedrich-Wilhelms University Bonn
1998	Staatsexamen (state examination) human medicine

Awards · Appointments · Scientific Activities

Since 2013	Member of the ethics commission, medical faculty of the FSU Jena
Since 2013	Board member of the working group dealing with infections in haematology and oncology (AGIHO) of the Deutsche Gesellschaft für Hämatologie und internistische Onkologie (DGHO)
Since 2008	Member of the AGIHO
2008-2010	Assistant lecturer at the medical clinic III of the University Hospital Bonn
2002-2006	Member of the statutes commission of the medical faculty of the Rheinische Friedrich-Wilhelms University Bonn
2009	Best abstract DGHO
2008	Poster award
Since 2004	Assessor of several magazines

Publications

Ascone L, Rohenkohl AC, Hurlemann R, Meisenzahl E, Riedel-Heller SG, Becker T, Bajbouj M, von Lilienfeld-Toal M, Gallinat J, Lambert M (2023) [Assessment of direct (COVID-19-Related) and collateral, psychosocial pandemic consequences for vulnerable groups by the example of serious mental illness]. *Psychiatr Prax* 50(7), 381-388.

[Details](#)



Cesaro S, Mikulska M, Hirsch HH, Styczynski J, Meylan S, Cordonnier C, Navarro D, von Lilienfeld-Toal M, Mehra V, Marchesi F, Besson C, Masculano RC, Beutel G, Einsele H, Maertens J, de la Camara R, Ljungman P, Pagano L (2023) Update of recommendations for the management of COVID-19 in patients with haematological malignancies, haematopoietic cell transplantation and CAR T therapy, from the 2022 European Conference on Infections in Leukaemia (ECIL 9). *Leukemia* 37(9), 1933-1938.

[Details](#)



Giesen N, Busch E, Schalk E, Beutel G, R  thrich MM, Hentrich M, Hertenstein B, Hirsch HH,

Karthaus M, Khodamoradi Y, Koehler P, Krüger W, Koldehoff M, Krause R, Mellinghoff SC, Penack O, Sandherr M, Seggewiss-Bernhardt R, Spiekermann K, Sprute R, Stemler J, Weissinger F, Wörmann B, Wolf HH, Cornely OA, Rieger CT, von Lilienfeld-Toal M (2023) AGIHO guideline on evidence-based management of COVID-19 in cancer patients: 2022 update on vaccination, pharmacological prophylaxis and therapy in light of the omicron variants. *Eur J Cancer* 181, 102-118. (Review)

[Details](#)



Goldmann M^{*}, Schmidt F^{*}, Cseresnyés Z, Orasch T, Jahreis S, Hartung S, Figge MT, von Lilienfeld-Toal M, Heinekamp T, Brakhage AA[#] (2023) The lipid raft-associated protein stomatin is required for accumulation of dectin-1 in the phagosomal membrane and for full activity of macrophages against *Aspergillus fumigatus*. *mSphere* 8(1), e00523-22.

[Details](#)



Steinbeis F, Thibeault C, Steinbrecher S, Ahlgrimm Y, Haack IA, August D, Balzuweit B, Bellinghausen C, Berger S, Chaplinskaya-Sobol I, Cornely O, Doeblin P, Endres M, Fink C, Finke C, Frank S, Hanß S, Hartung T, Hellmuth JC, Herold S, Heuschmann P, Heyckendorf J, Heyder R, Hippenstiel S, Hoffmann W, Kelle SU, Knape P, Koehler P, Kretzler L, Leistner DM, Lienau J, Lorbeer R, Lorenz-Depiereux B, Lüttke CD, Mai K, Merle U, Meyer-Arndt LA, Miljukov O, Muenchhoff M, Müller-Plathe M, Neuhaus J, Neuhauser H, Nieters A, Otte C, Pape D, Pinto RM, Pley C, Pudszuhn A, Reuken P, Rieg S, Ritter P, Rohde G, Rönnefarth M, Ruzicka M, Schaller J, Schmidt A, Schmidt S, Schwachmeyer V, Schwanitz G, Seeger W, Stahl D, Stobäus N, Stubbe HC, Suttrop N, Temmesfeld B, Thun S, Triller P, Trinkmann F, Vadasz I, Valentin H, Vehreschild M, von Kalle C, von Lilienfeld-Toal M, Weber J, Welte T, Wildberg C, Wizimirski R, Zvork S, Sander LE, Vehreschild J, Zoller T, Kurth F, Witzenrath M (2023) Analysis of acute COVID-19

including chronic morbidity: protocol for the deep phenotyping National Pandemic Cohort Network in Germany (NAPKON-HAP). *Infection* 52(1), 93-104.

[Details](#)



Fendler A, de Vries EGE, GeurtsvanKessel CH, Haanen JB, Wörmann B, Turajlic S, von Lilienfeld-Toal M (2022) COVID-19 vaccines in patients with cancer: immunogenicity, efficacy and safety. *Nat Rev Clin Oncol* 19(6), 385-401. (Review)

[Details](#)



Hoang TNM^{*}, Cseresnyés Z^{*}, Hartung S^{*}, Blickensdorf M, Saffer C, Rennert K, Mosig AS, von Lilienfeld-Toal M, Figge MT (2022) Invasive aspergillosis-on-chip: A quantitative treatment study of human *Aspergillus fumigatus* infection. *Biomaterials* 283, 121420.

[Details](#)



Montaño DE, Hartung S, Wich M, Ali R, Jungnickel B, von Lilienfeld-Toal M, Voigt K (2022) The TLR-NF- κ B axis contributes to the monocytic inflammatory response against a virulent strain of *Lichtheimia corymbifera*, a causative agent of invasive mucormycosis. *Front Immunol* 13, 882921.

[Details](#)



Böttcher S, Hartung S, Meyer F, Rummler S, Voigt K, Walther G, Hochhaus A, von Lilienfeld-Toal M, Jahreis S (2021) Human mucosal-associated invariant T cells respond to Mucorales species in a MR1-dependent manner. *Med Mycol* 59(5), 505-509.

[Details](#)



Giesen N, Sprute R, Rüttrich M, Khodamoradi Y, Mellinghoff SC, Beutel G, Lueck C, Koldehoff M, Hentrich M, Sandherr M, von Bergwelt-Baildon M, Wolf HH, Hirsch HH, Wörmann B, Cornely OA, Köhler P, Schalk E, von Lilienfeld-Toal M (2021) Evidence-based management of COVID-19 in cancer patients: Guideline by the infectious diseases working party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO). *Eur J Cancer* 140, 86-104.

[Details](#)



Page 1 of 8

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

[Publication list as PDF](#)

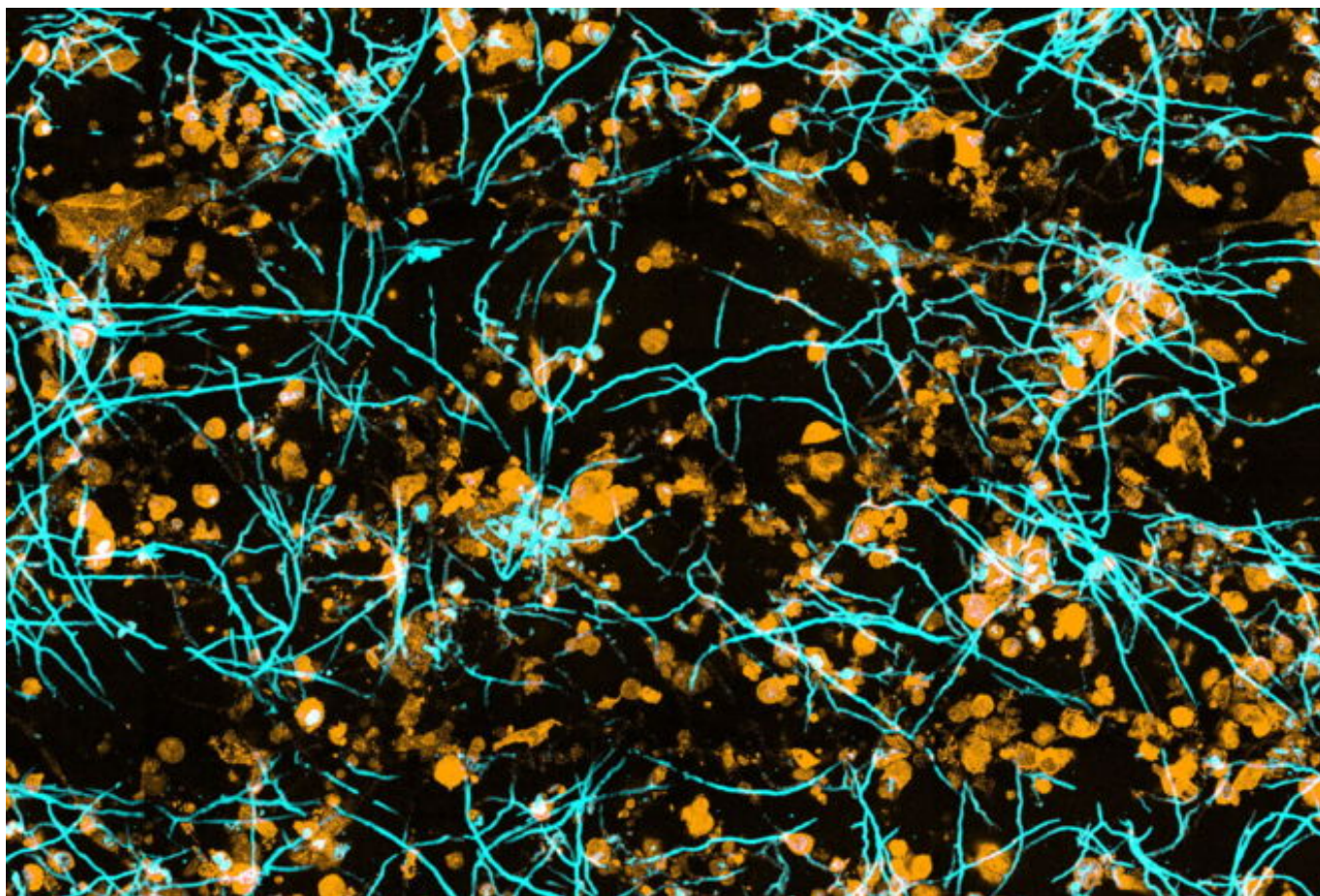
News



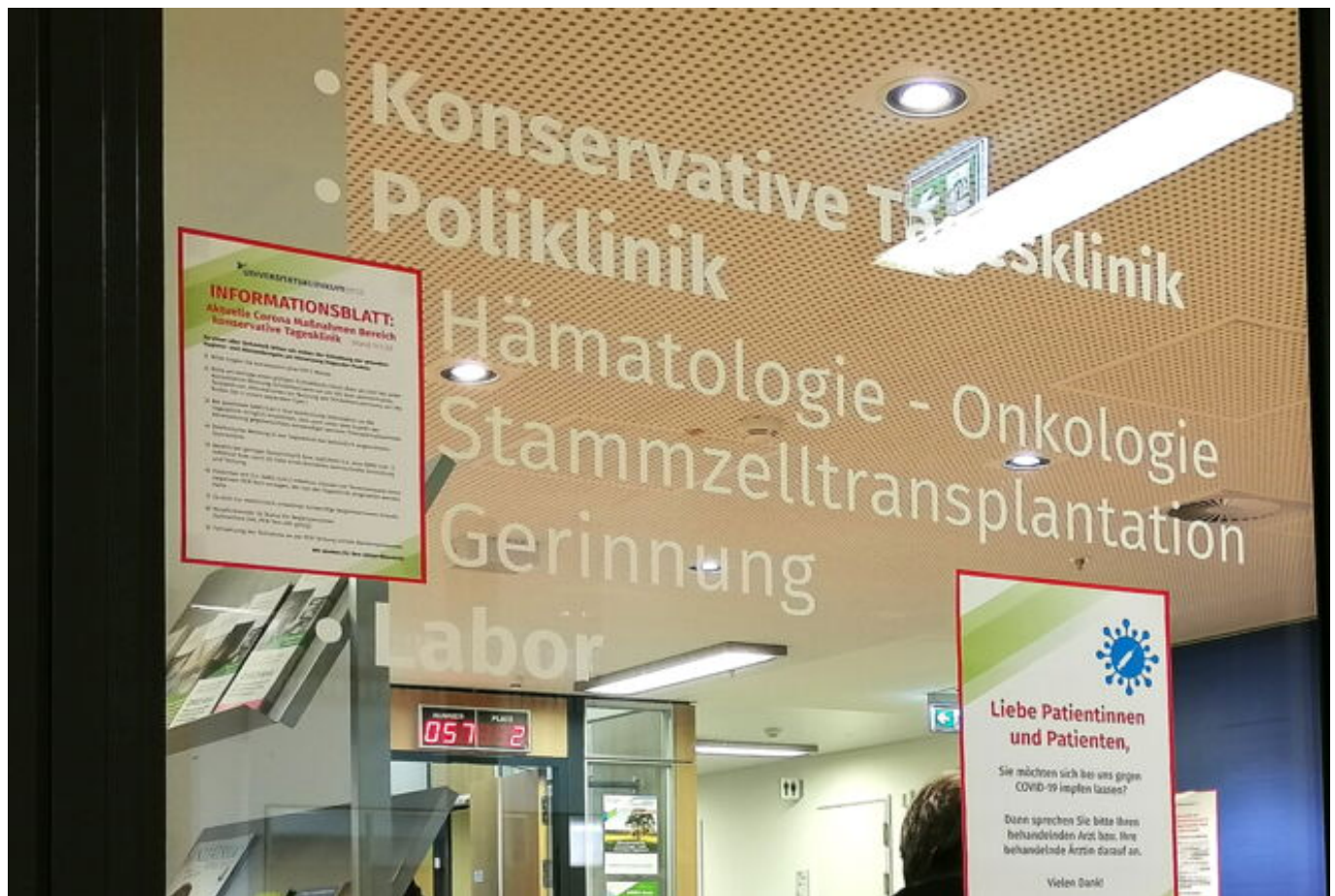
[Medicine for all: Marie von Lilienfeld-Toal appointed to professorship](#) Since July 1 of this year, Marie von Lilienfeld-Toal has been Professor of "Health Services Research in Oncology" at the Ruhr University Bochum... 10/27/2023 [Read more](#)



[medac Research Award 2022: Successful Collaboration](#) Four groundbreaking research projects at the Leibniz Institute for Natural Product Research and Infection Biology (Leibniz-HKI) were awarded the medac... 12/12/2022 [Read more](#)



[How do fungal infections spread in the human lung? A chip-based infection model developed by Jena researchers enables live microscopic observation of damage to lung tissue caused by the invasive fungal... 04/13/2022 Read more](#)



[COVID vaccination is also recommended for people with cancer Vaccination protects people with cancer well against COVID disease, even when it is caused by a virus variant. This is the conclusion of an internatio... 03/14/2022 Read more](#)



[Focus on life-threatening fungal infections Collaborative Research Center "FungiNet" granted DFG funding for a further four years. 05/25/2021 Read more](#)