Bodo Grimbacher, Prof. Dr.

Institution: Institute for Immunodefiency (IFI), Medical Center - University of Freiburg
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Position: W3 Professor, Institute for Immunodefiency and Consultant at the Department of Rheumatology an Clinical Immunology, Medical Center - University of Freiburg

Academic education including academic degrees:

1995 – 1997	Department of Rheumatology and Clinical Immunology, Freiburg
1994 – 1995	Medical School: University Hamburg
1989 – 1994	Medical School: Albert-Ludwigs-University Freiburg
1988 – 1989	Medical School: Technische Hochschule Aachen

Scientific graduation

2006	Habilitation in Internal Medicine, University Hospital Freiburg, Germany "*The genetic causes of primary antibody deficiencies"* (Mentor: Prof. Dr. med. Hans-Hartmut Peter)
1995	Dissertation in Medicine, Rheumatology, University Hospital Freiburg, (Supervisor: Prof. Dr. rer. nat. Hermann Eibel)

Employment

Since 2019	Professor at the Institute for Immunodefiency (IFI), Medical Center - University of Freiburg and honorary consultant, Institute of Immunity & Transplantation, Royal Free Hospital, University College London
2011 - 2019	Scientific Director and Consultant at the CCI, University Medical Center Freiburg
2006 - 2011	Department of Immunology, Royal Free Hospital & University College London, UK
2000 - 2006	Dpt. of Rheumatology and Clinical Immunology, University of Freiburg,
1997 - 2000	Postdoc, National Human Genome Institute, **NIH, Bethesda**, MD, USA

Other activities, awards and honours
AWARDS AND HONOURS

2020	Cluster Seminar, Bonn, Germany
2019	Opening Lecture of the Immunology Department in Edmonton, Alberta, Canada
2017	William T. Shearer Lectureship Grand Rounds, Houston
2017	Quo Vadis Lecture, AG Dermatologische Forschung, Göttingen
2012	Watson Memorial Lecture, University of Newcastle, UK
2010	Member of London Medical Research Club
2009	Thieme Research Prize of the Leopoldina, Halle
2008	Richard S. Farr Memorial Lecture at the AAAI
2007	Rudolf-Schoen Prize from the Medizinische Hochschule Hannover
2006	Marie-Curie Excellence Award of the European Commission for 4 years
2006	Secretary of the European Society for Immunodeficiencies (ESID)
2006	Georges Köhler Award 2006 of the German Immunology Society
2002	Election to host the Clinical Patient Registry of ESID
2002	Admission to the Emmy Nöther program of the German research foundation
1999	Fellow of the Immunodeficiency Foundation (IDF)
1990	Fellowship of the Hans-Hench-Foundation

ACADEMIC BOARD POSITIONS

Since 2014	Speaker of the Arbeitskreis Klinische Immunologie (DGfI)
Since 2014	Member of the Novartis PI3Kd-inhibitor trial on APDS in Europe
2008 – 2011	Steering Committee of the European Ig-Pro20 immunoglobulin trial
2007 – 2011	Member of the UK-PIN steering committee
2006 – 2010	Secretary of the European Society for Immunodeficiencies (ESID)
2002 – 2006	Head of the ESID Registry Working Party

Ten most important publications

1. Rauer S, Marks R, Urbach H, Warnatz K, Nath A, Holland S, Weiller C, **Grimbacher B**.
Treatment of Progressive Multifocal Leukoencephalopathy with Pembrolizumab.
***N Engl J Med.* 2019.** (letter) Apr 25;380(17):1676-1677.

2. Frey-Jakobs S, Hartberger JM, Fliegauf M, Bossen C, Wehmeyer ML, Neubauer JC, Bulashevska A, Proietti M, Fröbel P, Nöltner C, Yang L, Rojas-Restrepo J, Langer N, Winzer S, Engelhardt KR, Glocker C, Pfeifer D, Klein A, Schäffer AA, Lagovsky I, Lachover-Roth I, Béziat V, Puel A, Casanova JL, Fleckenstein B, Weidinger S, Kilic SS, Garty BZ, Etzioni A, **Grimbacher B**.
ZNF341 controls STAT3 expression and thereby immunocompetence.
***Sci Immunol.* 2018.** 15;3(24).

3. Fliegauf M, Bryant VL, Frede N, Slade C, Woon ST, Lehnert K, Winzer S, Bulashevska A, Scerri T, Leung E, Jordan A, Keller B, de Vries E, Cao H, Yang F, Schäffer AA, Warnatz K, Browett P, Douglass J, Ameratunga RV, van der Meer JW, **Grimbacher B**.
Haploinsufficiency of the NF-κB1 Subunit p50 in Common Variable Immunodeficiency.
***Am J Hum Genet.* 2015.** 97(3):389-403.

4. Schubert D, Bode C, Kenefeck R, Hou TZ, Wing JB, Kennedy A, Bulashevska A, Petersen BS, Schäffer AA, Grüning BA, Unger S, Frede N, Baumann U, Witte T, Schmidt RE, Dueckers G, Niehues T, Seneviratne S, Kanariou M, Speckmann C, Ehl S, Rensing-Ehl A, Warnatz K, Rakhmanov M, Thimme R, Hasselblatt P, Emmerich F, Cathomen T, Backofen R, Fisch P, Seidl M, May A, Schmitt-Graeff A, Ikemizu S, Salzer U, Franke A, Sakaguchi S, Walker LS*, Sansom DM*, **Grimbacher B***.
Autosomal dominant immune dysregulation syndrome in humans with CTLA4 mutations.
***Nat Med.* 2014.** 20(12):1410-6.

5. Glocker, E. O., D. Kotlarz, K. Boztug, E. M. Gertz, A. A. Schaffer, F. Noyan, M. Perro, J. Diestelhorst, A. Allroth, D. Murugan, N. Hatscher, D. Pfeifer, K. W. Sykora, M. Sauer, H. Kreipe, M. Lacher, R. Nustede, C. Woellner, U. Baumann, U. Salzer, S. Koletzko, N. Shah, A. W. Segal, A. Sauerbrey, S. Buderus, S. B. Snapper, **B. Grimbacher**, and C. Klein.
Inflammatory bowel disease and mutations affecting the interleukin-10 receptor.
***N Engl J Med.* 2009**. 361: 2033-2045.

6. Glocker, E. O., A. Hennigs, M. Nabavi, A. A. Schaffer, C. Woellner, U. Salzer, D. Pfeifer, H. Veelken, K. Warnatz, F. Tahami, S. Jamal, A. Manguiat, N. Rezaei, A. A. Amirzargar, A. Plebani, N. Hannesschlager, O. Gross, J. Ruland, and **B. Grimbacher**.
A homozygous CARD9 mutation in a family with susceptibility to fungal infections.
***N Engl J Med.* 2009**. 361: 1727-1735.

7. Holland, S. M., F. R. DeLeo, H. Z. Elloumi, A. P. Hsu, G. Uzel, N. Brodsky, A. F. Freeman, A. Demidowich, J. Davis, M. L. Turner, V. L. Anderson, D. N. Darnell, P. A. Welch, D. B. Kuhns, D. M. Frucht, H. L. Malech, J. I. Gallin, S. D. Kobayashi, A. R. Whitney, J. M. Voyich, J. M. Musser, C. Woellner, A. A. Schaffer, J. M. Puck, and **B. Grimbacher**.
STAT3 mutations in the hyper-IgE syndrome.
***N Engl J Med.* 2007**. 357: 1608-1619.

8. Salzer, U., H. M. Chapel, A. D. Webster, Q. Pan-Hammarstrom, A. Schmitt-Graeff, M. Schlesier, H. H. Peter, J. K. Rockstroh, P. Schneider, A. A. Schaffer, L. Hammarstrom, and **B. Grimbacher**.
Mutations in TNFRSF13B encoding TACI are associated with common variable immunodeficiency in humans.
***Nat Genet.* 2005.** 37: 820-828.

9. **Grimbacher, B.**, A. Hutloff, M. Schlesier, E. Glocker, K. Warnatz, R. Drager, H. Eibel, B. Fischer, A. A. Schaffer, H. W. Mages, R. A. Kroczek, and H. H. Peter.
Homozygous loss of ICOS is associated with adult-onset common variable immunodeficiency.
***Nat Immunol.* 2003.** 4: 261-268.

10. **Grimbacher B**, Holland SM, Gallin JI, Greenberg F, Hill SC, Malech HL, Miller JA, O'Connell AC, Puck JM.
Hyper-IgE syndrome with recurrent infections--an autosomal dominant multisystem disorder.
***N Engl J Med.* 1999.** 340(9):692-702.