

**Prof. Dr. Björn E. Clausen**

\*21.07.1966

Professor of Experimental Molecular Medicine (W2)  
Deputy Director of the Institute for Molecular Medicine  
Working Group Leader



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**Academia**

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|-------------|---|
| 1998        | Doctorate (Dr. rer. nat), Institute for Genetics (Prof. Dr. Rajewsky), University Cologne |
| 1986 – 1993 | Studies in biology (Diploma), RWTH Aachen und University of Alabama (Birmingham, USA)     |

**Career**

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|-------------------|--|
| since 2013        | Professor of Experimental Molecular Medicine (W2), JGU Mainz   |
| since 2013        | Deputy director of the Institute for Molecular Medicine, JGU Mainz   |
| 07/2008 – 07/2013 | Working group leader, Erasmus Universiteit Rotterdam, Department of Immunology, Rotterdam (Netherlands)                              |
| 02/2002 – 12/2008 | Working group leader, Academic Medical Center (AMC), Department of Cell Biology and Histology, University of Amsterdam (Netherlands) |
| 01/2001 – 01/2002 | Research associate, Academic Medical Center (AMC), Department of Cell Biology and Histology, University of Amsterdam (Netherlands)   |
| 08/1998 – 12/2000 | Postdoc, The Rockefeller University (Steinman Lab), New York (USA)   |
| 05/1992 – 11/1993 | Visiting scientist, University of Alabama, Birmingham (USA)  |

**Awards**

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|-------------------|---|
| 03/2007 – 03/2012 | The Netherlands Organization for Scientific Research (NWO) VIDI Career Development Fellowship |
| 2005 – 2010       | Landsteiner Foundation for Blood Transfusion Research Fellowship                              |
| 02/2002 – 02/2005 | NWO Post-doc Fellowship   |
| 08/1998 – 08/2000 | The Human Frontier Science Program Fellowship (HFSP)  |
| 1993              | Springorum-medallion, RWTH Aachen   |

## Selected Publications

Lukas D, Yogev N, Kel JM, Regen T, Mufazalov IA, Tang Y, Wanke F, Reizis B, Müller W, Kurschus FC, Prinz M, Kleiter I, **Clausen BE\***, Waisman A\* (2017). TGF- $\beta$  inhibitor Smad7 regulates dendritic cell-induced autoimmunity. *Proc Natl Acad Sci U S A.* 114(8):E1480-E1489. PMID: 28167776. [\*equal contribution]

Ober-Blöbaum JL, Ortner D, Haid B, Brand A, Tripp C, **Clausen BE\***, Stoitzner P\* (2017). Monitoring Skin Dendritic Cells in Steady State and Inflammation by Immunofluorescence Microscopy and Flow Cytometry. *Methods Mol Biol.* 1559:37-52. PMID: 28063035. [\*equal contribution]

Singh TP, Zhang HH, Borek I, Wolf P, Hedrick MN, Singh SP, Kelsall BL, **Clausen BE**, Farber JM (2016). Monocyte-derived inflammatory Langerhans cells and dermal dendritic cells mediate psoriasis-like inflammation. *Nat Commun.* 7:13581. PMID: 27982014.

Sichien D, Scott CL, Martens L, Vanderkerken M, Van Gassen S, Plantinga M, Joeris T, De Prijck S, Vanhoutte L, Vanheerswynghe M, Van Isterdael G, Toussaint W, Madeira FB, Vergote K, Agace WW, **Clausen BE**, Hammad H, Dalod M, Saeys Y, Lambrecht BN, Williams M (2016). IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. *Immunity.* 45(3):626-40. PMID: 27637148.

Girard-Madoux MJ, Ober-Blöbaum JL, Costes LM, Kel JM, Lindenbergh-Kortleve DJ, Brouwers-Haspels I, Heikema AP, Samsom JN\*, **Clausen BE\*** (2016). IL-10 control of CD11c+ myeloid cells is essential to maintain immune homeostasis in the small and large intestine. *Oncotarget.* 7(22):32015-30. PMID: 27027442. [\*equal contribution]

Wohn C, Brand A, van Ettinger K, Brouwers-Haspels I, Waisman A, Laman JD, **Clausen BE** (2016). Gradual development of psoriatic skin lesions by constitutive low-level expression of IL-17A. *Cell Immunol.* 308:57-65. PMID: 26653007.

Alves CH, Ober-Blöbaum JL, Brouwers-Haspels I, Asmawidjaja PS, Mus AM, Razawy W, Molendijk M, **Clausen BE\***, Lubberts E\* (2015). Dendritic Cell-Specific Deletion of  $\beta$ -Catenin Results in Fewer Regulatory T-Cells without Exacerbating Autoimmune Collagen-Induced Arthritis. *PLoS One.* 10(11):e0142972. PMID: 26587585. [\*equal contribution]

**Clausen BE**, Stoitzner P (2015). Functional Specialization of Skin Dendritic Cell Subsets in Regulating T Cell Responses. *Front Immunol.* 6:534. PMID: 26557117.

Croxford AL, Lanzinger M, Hartmann FJ, Schreiner B, Mair F, Pelczar P, **Clausen BE**, Jung S, Greter M, Becher B (2015). The Cytokine GM-CSF Drives the Inflammatory Signature of CCR2+ Monocytes and Licenses Autoimmunity. *Immunity.* 43(3):502-14. PMID: 26341401.