

General Information

Name: Prof. Dr. rer. nat. Hans Jörg Fehling
Date of Birth: 14.07.1959
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Current Positions: C3 Professor for Molecular Immunology

Academic Education

07/1986-03/1987 Diploma thesis with Drs. D. Mathis & C. Benoist in the Department of Immunology at the Centre National de la Recherche Scientifique /Laboratoire de Génétique Moléculaire des Eukaryotes (CNRS/LGME), Strasbourg, France, (Director: Prof. Dr. P. Chambon)
07/1984-06/1986 Diploma in Biochemistry; University of Tübingen
09/1983-06/1984 Full-Course non-degree B.Sc.-student in Biochemistry at the University College, London, GB.
04/1980-06/1983 Pre-Diploma in Biochemistry; University of Tübingen

Academic Degrees

04/1987-10/1991 Ph.D. with Drs. Mathis & C. Benoist in the Department of Immunology at the CNRS/LGME, Strasbourg, France (Doctorat de la Vie et Terre/Université Louis Pasteur; Strasbourg, France)

Professional Experience

Since 2000 C3-Professor for Molecular Immunology; Institute for Immunology; University Hospital, Ulm
11/1991-12/1999 Scientific Member at the Basel Institute for Immunology

Miscellaneous

Awards / Honors:

07/1987-06/1990 PhD. Fellowship by Boehringer Ingelheim Foundation, Stuttgart, German
01/1987-06/1987 Awarded Fellowship by Dr. Carl Duisberg Foundation, Bayer AG, Leverkusen, Germany
07/1986-12/1986 Awarded Fellowship by DAAD (Deutscher Akademischer Austauschdienst)

Publications

1. Martins VC, Busch K, Juraeva D, Blum C, Ludwig C, Rasche V, Lasitschka F, Mastitsky SE, Brors B, Hielscher T, Fehling HJ, Rodewald HR. (2014) Cell competition is a tumour suppressor mechanism in the thymus. **Nature**. 2014;509:465-470.
2. Luche H, Nageswara Rao T, Kumar S, Tasdogan A, Beckel F, Blum C, Martins VC, Rodewald HR, Fehling HJ. In vivo fate mapping identifies pre-TCRalpha expression as an intra- and extrathymic, but not prethymic, marker of T lymphopoiesis. **J Exp Med**. 2013;210:699-714.
3. Teupser D, Weber O, Rao TN, Sass K, Thiery J, Fehling HJ. No reduction of atherosclerosis in C-reactive protein (CRP)-deficient mice. **J Biol Chem**. 2011;286:6272-6279.

4. Feyerabend TB, Weiser A, Tietz A, Stassen M, Harris N, Kopf M, Radermacher P, Moller P, Benoist C, Mathis D, Fehling HJ, Rodewald HR. Cre-mediated cell ablation contests mast cell contribution in models of antibody- and T cell-mediated autoimmunity. **Immunity**. 2011;35:832-844.
5. Madan V, Madan B, Brykczynska U, Zilbermann F, Hogeveen K, Dohner K, Dohner H, Weber O, Blum C, Rodewald HR, Sassone-Corsi P, Peters AH, Fehling HJ. Impaired function of primitive hematopoietic cells in mice lacking the Mixed-Lineage-Leukemia homolog MLL5. **Blood**. 2009;113:1444-1454.
6. Madan B, Madan V, Weber O, Tropel P, Blum C, Kieffer E, Viville S, Fehling HJ. The pluripotency-associated gene Dppa4 is dispensable for embryonic stem cell identity and germ cell development but essential for embryogenesis. **Mol Cell Biol**. 2009;29:3186-3203.
7. Luche H, Weber O, Nageswara Rao T, Blum C, Fehling HJ. (2007) Faithful activation of an extra-bright red fluorescent protein in "knock-in" Cre- reporter mice ideally suited for lineage tracing studies. **Eur J Immunol**. 2007;37:43-53.
8. Fehling HJ, Lacaud G, Kubo A, Kennedy M, Robertson S, Keller G, Kouskoff V. Tracking mesoderm induction and its specification to the hemangioblast during embryonic stem cell differentiation. **Development**. 2003;130:4217-4227.
9. Fehling HJ, Krotkova A, Saint-Ruf C, von Boehmer H. Crucial role of the pre-T-cell receptor alpha gene in development of alpha beta but not gamma delta T cells. **Nature**. 1995;375:795-798.
10. Fehling HJ, Swat W, Laplace C, Kuhn R, Rajewsky K, Muller U, von Boehmer H. MHC class I expression in mice lacking the proteasome subunit LMP-7. **Science**. 1994;265:1234-1237.