

Curriculum Vitae – Thomas Brunner

Born: March 8, 1964 in Chur, Switzerland
Nationality: Swiss, Italian
Social status: married, 1 child

Education:

1984 High School diploma (Matura), Chur, Switzerland
1984-1989 Studies in Biology, University of Bern, Switzerland
1989 Master in Science, Major in Med. Microbiology

Scientific education and appointments:

1988-1989 Master thesis in Biology, Theodor Kocher Institute, University of Bern, Supervisors: Prof. M. Baggiolini, PD Dr. A. Walz
1990-1992 PhD thesis (Dr. phil. nat.) in Immunology, Institute of Clinical Immunology, University of Bern, Supervisors: Proff. C.A. Dahinden and A. de Weck
1992-1993 Postdoctoral fellow, Institute of Clinical Immunology, University of Bern
1993-1996 Postdoctoral fellow, La Jolla Institute of Allergy and Immunology, San Diego, USA, Supervisor: Prof. D.R. Green
1997 Research Associate, La Jolla Institute of Allergy and Immunology, San Diego, USA
1997-2010 Independent group leader, Institute of Pathology, University of Bern, Switzerland
2000 Venia Docendi (Habilitation) in experimental Pathology
2004 Professor (Titularprofessor) in experimental Pathology
2007 Rejection of a call as full professor in Immunology, Trinity College, Dublin, Ireland
2007 Associate Professor in experimental Pathology
2010 Full Professor and Chair in Biochemical Pharmacology, University of Konstanz, Germany
2011-present Spokesperson of the trinational FOR2036 Research Group "New insight into Bcl-2 family interactions: from biophysics to function"
2012-present Dean of studies in Biological Sciences, University of Konstanz, Germany

Scientific honors:

Pharmacia Allergy Research Foundation Award
Swiss National Science Foundation Fellowship
Ciba (Novartis) Anniversary Foundation Fellowship
Roche Research Foundation Fellowship
Fellowship from the Swiss Society for Medical and Biological Fellowships
Theodor-Kocher Award, University of Bern, Switzerland

Selected Publications:

Grabinger T, Bode K, Demgenski J, Seitz C, M. Delgado E, Kostadinova F, Reinhold C, Etemadi N, Wilhelm S, Schweinlin M, Hänggi K, Knop J, Hauck C, Walles H, Silke J, Wajant H, Nachbur U, Wong W-L, **Brunner T.** Inhibitor of Apoptosis Protein-1 Regulates Tumor Necrosis Factor-mediated Destruction of Intestinal Epithelial Cells. *Gastroenterology*, 152:867-879. 2017

Noti, M., Corazza, N., Mueller, C., Berger, B., and **Brunner, T.** (2010) TNF suppresses acute intestinal inflammation by inducing local glucocorticoid synthesis. *J Exp Med* **207**, 1057-1066

Corazza, N., Jakob, S., Schaer, C., Frese, S., Keogh, A., Stroka, D., Kassahn, D., Torgler, R., Mueller, C., Schneider, P., and **Brunner, T.** (2006) TRAIL receptor-mediated JNK activation and Bim phosphorylation critically regulate Fas-mediated liver damage and lethality. *J Clin Invest* **116**, 2493-2499

Mueller, M., Cima, I., Noti, M., Fuhrer, A., Jakob, S., Dubuquoy, L., Schoonjans, K, and **Brunner, T.** The nuclear orphan receptor LRH-1 critically regulates extra-adrenal glucocorticoid synthesis in the intestine. *J. Exp. Med.* 203:2057-62. 2006

Nachbur, U., Kassahn, D., Yousefi, S., Legler, D.F. and **Brunner, T.** Postranscriptional regulation of Fas (CD95) ligand killing activity by lipid rafts. *Blood.* 107:2790-6. 2006

Yousefi, S., Perozzo, R., Schmid, I., Ziemiecki, A., Schaffner, T., Scapozza, L., **Brunner, T.**, and Simon, H. U. (2006) Calpain-mediated cleavage of Atg5 switches autophagy to apoptosis. *Nat Cell Biol* **8**, 1124-1132

Mueller, M., Cima, I., Noti, M., Fuhrer, A., Jakob, S., Dubuquoy, L., Schoonjans, K., and **Brunner, T.** (2006) The nuclear receptor LRH-1 critically regulates extra-adrenal glucocorticoid synthesis in the intestine. *J Exp Med* **203**, 2057-2062

Wasem, C., Arnold, D., Corazza, N., Saurer, L., Herren, C. Vallan, S., Mueller, C. and **Brunner, T.** Sensitizing antigen-specific CD8+ T cells for accelerated suicide causes immune incompetence. *J. Clin. Invest.* 111:1191-1199. 2003

Brunner, T., Mogil, R., LaFace, D., Yoo, N.J., Mahboubi, A., Echeverii, F., Martin, S.J., Force, W.R., Lynch, D.H., Ware, C.F., and Green, D.R. Cell-autonomous Fas (CD95)/Fas-ligand interaction mediates activation-induced apoptosis in T cell hybridomas. *Nature.* 373:441-444. 1995

Griffith, T.S., **Brunner, T.**, Fletcher, S.M., Green, D.R., and Ferguson, T.A. Fas ligand-induced apoptosis as a mechanism of immune privilege. *Science.* 270:1189-1191. 1995