

Curriculum Vitae – Christoph Borner

Born: Mai 20, 1960 in Hägendorf, Switzerland
Nationality: Swiss
Social status: divorced, 3 children

Education:

1979 High School diploma (Matura), Olten, Switzerland
1980-1984 Studies in Biology II, Biocentre, University of Basel, Switzerland
1984 Diploma in Biology II, University of Basel, Switzerland

Scientific education and appointments:

1983-1984 Diploma Thesis in Biochemistry, Biocentre, University of Basel, Supervisors: Prof. M. M. Burger, Basel, Prof. F. M Berger, NY
1985-1988 PhD thesis (Dr. phil. nat.) in Biochemistry/Cancer Biology, University Medical School Basel, University of Basel: Supervisors: Profs. K. Kirschner und U. Eppenberger
1988-1991 Postdoctoral fellow, Comprehensive Cancer Centre, Columbia University New York in the lab of Prof. I. B. Weinstein
1991-1993 Postdoctoral fellow, Institute of Biochemistry, University of Lausanne, Switzerland in the lab of Prof. J. Tschopp
1993-2000 Assistant Professor (START fellow), Institute of Biochemistry, University of Fribourg, Switzerland
1998 Venia Legendi (Habilitation) in Biochemistry, University of Fribourg, Switzerland
2000-2006 Associate Professor (C3), Institute of Molecular Medicine, Albert Ludwigs University Freiburg, Germany
2006- Full Professor (C4/W3) in Medical Cell Research, Institute of Molecular Medicine, Albert Ludwigs University D-Freiburg
2006- Director of the Spemann Graduate School of Biology and Medicine (SGBM) funded by the Excellence Initiative, Albert Ludwigs University Freiburg, Germany
2007-2010 Deputy Director of the International Graduate Academy (IGA) funded by the Excellence Initiative, Albert Ludwigs University Freiburg, Germany
2008- Executive Board Member of the Excellence Cluster BIOS-1 and -2, funded by the Excellence Initiative, Albert Ludwigs University Freiburg, Germany
2009-2010 Study Dean of Molecular Medicine, Albert Ludwigs University Freiburg, Germany
2013- Professor and Tutor in Biology, Psychology and Environmental Sciences for the Business and Administration (MBA) study track of California Miramar University (CMU) in Nairobi, Kenya
2014- Director of the International Program in Medical and Biological Sciences (IMBS) between the Universities of Buenos Aires and Freiburg

Scientific honors:

- Swiss National Science Foundation (SNF) Fellowship for Postdoc in New York
- SNF Award “Swiss Talents in Academic Research and Teaching (START)”
- Award from the Foundation for aging research (AETAS)
- Prize from the “Wissenschaftliche Gesellschaft Freiburg” for achievements in the Spemann Graduate School
- Member of Faculty 1000
- Member of the European Research Institute for Integrated Cellular Pathology (ERI-ICP), Paris
- Doctor honoris causa (Dr. h.c.) of the University of Buenos Aires, Argentina (2013)

Publications:

El Maadidi, S., Faletti, L., Berg, B., Wenzl, C., Wieland, K., Chen, Z. J., Maurer, U., and **Borner, C.** (2014) A novel mitochondrial MAVS/caspase-8 platform links RNA virus-induced innate antiviral signaling to Bax/Bak-independent apoptosis. *J Immunol* **192**, 1171-1183

Geissler, A., Haun, F., Frank, D., Wieland, K., Simon, M., Idzko, M., Davis, R., Maurer, U., and **Borner, C.** (2013) Apoptosis induced by the fungal pathogen gliotoxin requires a triple phosphorylation of Bim by JNK. *Cell Death Differ* **20**, 1317-1329

Vogel, S., Raulf N., Bregenhorn, S., Biniossek, M., Maurer, U., Czabotar, P., and **Borner, C.** (2012) Cytosolic Bax: does it require binding proteins to keep its pro-apoptotic activity in check? *J Biol Chem* **287**, 9112-9127

Kaufmann, T., Schlipf, S., Sanz, J., Neubert, K. Stein, R. and **Borner, C.** (2003) Characterization of the signal that directs Bcl-xL, but not Bcl-2, to the mitochondrial outer membrane. *J Cell Biol* **160**, 53-64. (evaluated by F1000)

Rossé, T., Olivier, R., Monney, L., Rager, M., Conus, S., Fellay, I., Jansen, B., and **Borner, C.** (1998) Bcl-2 prolongs cell survival after Bax-induced release of cytochrome c. *Nature* **391**, 496-499