

## Curriculum Vitae – Ana J. García Sáez

Born: January 2, 1977 in Bunyol, Spain  
Nationality: Spain  
Social status: married, 1 child

### Education:

1984 Master in Biochemistry (Licenciada), Univ. Valencia, Spain  
1984-1989 Master in Chemistry (Licenciada), Univ. Valencia, Spain

### Scientific education and appointments:

2000-2005 PhD thesis (Dr., European PhD) in Biochemistry and Molecular Biology, University of Valencia, Spain, Supervisors: Dr. Jesus Salgado, Dr. Ismael Mingarro  
2003 Diplom of Advances Studies, Univ. of Valencia, Spain  
1992-1993 Postdoctoral fellow, BIOTEC der TU Dresden, Germany, Supervisor: Petra Schwille  
2010-2013 Independent group leader, Max Planck Institute for Intelligent Systems and German Cancer Research Center, Heidelberg, Germany  
2013- Full Professor (W3) in Biochemistry, University of Tübingen, Germany  
Starting date 1<sup>st</sup> October 2013

### Scientific honors:

- ERC Starting Grant
- Marie Curie Intraeuropean Fellowship
- Max Planck Postdoc Fellowship
- FEBS short term fellowship
- Fellowship from the Spanish Ministry of Science and Education

### Publications:

Bleicken, S., Wagner, C., and **Garcia-Saez, A. J.** (2013) Mechanistic Differences in the Membrane Activity of Bax and Bcl-xL Correlate with Their Opposing Roles in Apoptosis. *Biophys J* **104**, 421-431

Apellaniz, B., Nieva, J. L., Schwille, P., and **Garcia-Saez, A. J.** (2010) All-or-None versus Graded Single-Vesicle Analysis Reveals Lipid Composition Effects on Membrane Permeabilization. *Biophys J* **99**, 3619-3628

**Garcia-Saez, A. J.**, Ries, J., Orzaez, M., Perez-Paya, E., and Schwille, P. (2009) Membrane promotes tBid interaction with BCL(XL). *Nat Struct Mol Biol* **16**, 1178-1185

**Garcia-Saez, A. J.**, Chiantia, S., Salgado, J., and Schwille, P. (2007) Pore formation by a Bax-derived peptide: effect on the line tension of the membrane probed by AFM. *Biophys J* **93**, 103-112

**Garcia-Saez, A. J.**, Coraiola, M., Dalla Serra, M., Mingarro, I., Menestrina, G., and Salgado, J. (2005) Peptides derived from apoptotic Bax and Bid reproduce the poration activity of the parent full-length proteins. *Biophys J* **88**, 3976-3990