

Personal information

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Website: http://psychosomatik.charite.de/forschung/psychoneuroimmunologie/reproduktive_medin/

Current position

Group leader, Reproductive Medicine, Internal Medicine Department, Charité Medical University Berlin, Berlin.

Education

2010 *Habilitation* in Immunology, Charité Medical University Berlin, Germany.

2003 Ph.D. in Immunology, University of Buenos Aires, Argentina.

1999 MSc Biochemistry, National University of Córdoba, Argentina

Supervision of graduate students and postdoctoral fellows

Master Thesis: **1**; Ph. D. Thesis: **4**; *Habilitation* Thesis: **2**

Early achievements track-record

Total of publications: **64**; Book chapters: **4**; h-index: **27** and i10-index: **49**.

Selected 5 publications

1) Barrientos G, Freitag N, Tirado-González I, Unverdorben L, Jeschke U, Thijssen VLJL, **Blois SM**. Involvement of galectin-1 (gal-1) in reproduction: past, present and future. *Hum Reprod Update*. 2014, 20(2):175-93. Times cited 16.

2) Freitag N, Tirado-González I, Barrientos G, Herse F, Thijssen VLJL, Weedon-Fekj SM, Schulz H, Wallukat G, Klapp BF, Nevers T, Sharma S, Staff AC, Dechend R, **Blois SM**. Disruption of galectin-1-mediated angiogenesis contributes to the pathogenesis of preeclampsia. *Proc Natl Acad Sci U S A*. 2013, 110(28):11451-6. Times cited 30.

3) Tirado-González I, Freitag N, Barrientos G, Shaikly V, Nagaeva O, Strand M, Kjellberg L, Klapp BF, Mincheva-Nilsson L, Cohen M, **Blois SM**. Galectin-1 influences trophoblast immune evasion and emerges as a predictive factor for the outcome of pregnancy. *Mol Hum Reprod*. 2013, 19(1):43-53. Times cited 39.

4) **Blois SM**, Ilarregui JM, Tometten M, Garcia M, Orsal AS, Toscano MA, Handjiski B, Tirado I, Markert UR, Poirier F, Szekeres-Bartho J, Rabinovich GA & Arck PC. A pivotal role for galectin-1 in fetomaternal tolerance. *Nat Med*. 2007, 12:1450-1457. Times cited 306.

5) **Blois SM**, Joachim R, Kandil J, Margni R, Tometten M, Klapp BF, Arck PC. Depletion of CD8+ cells abolishes the pregnancy protective effect of progesterone substitution with dydrogesterone in mice by altering the Th1/Th2 cytokine profile. *J Immunol*. 2004, 172:5893-5899. Times cited 145.

Invited lectures: 14; Oral presentations: 6 and seminars: 5 2015 between 2006 and 2016