

Shanshan Luo

Projects

Former Projects

Candida albicans-host interaction, the many faces of candida Pra1

[Details](#)

Publications

Irmscher S, Döring N, Halder LD, Jo EAH, Kopka I, Dunker C, Jacobsen ID, Luo S, Slevogt H, Lorkowski S, Beyersdorf N, Zipfel PF, Skerka C (2017) Kallikrein Cleaves C3 and Activates Complement. *J Innate Immun* , [Details PubMed](#)

Luo S, Hipler UC, Münzberg C, Skerka C, Zipfel PF (2015) Sequence variations and protein expression levels of the two immune evasion proteins Gpm1 and Pra1 influence virulence of clinical *Candida albicans* isolates. *PLoS One* 10(2), e0113192. [Details PubMed](#)

Luo S, Hoffmann R, Skerka C, Zipfel PF (2013) Glycerol-3-phosphate dehydrogenase 2 is a novel factor H-, factor H-like protein 1-, and plasminogen-binding surface protein of *Candida albicans*. *J Infect Dis* 207(4), 594-603. [Details PubMed](#)

Luo S, Skerka C, Kurzai O, Zipfel PF (2013) Complement and innate immune evasion strategies of the human pathogenic fungus *Candida albicans*. *Mol Immunol* 56(3), 161-169. [Details PubMed](#)

Luo S, Blom AM, Rupp S, Hipler UC, Hube B, Skerka C, Zipfel PF (2011) The pH-regulated antigen 1 of *Candida albicans* binds the human complement inhibitor C4b-binding protein and mediates fungal complement evasion. *J Biol Chem* 286(10), 8021-8029. [Details PubMed](#)

Zipfel PF, Skerka C, Kupka D, Luo S (2011) Immune escape of the human facultative pathogenic yeast *Candida albicans*: the many faces of the Candida Pra1 protein. *Int J Med Microbiol* 301(5), 423-430. [Details PubMed](#)

Agarwal V, Asmat TM, Luo S, Jensch I, Zipfel PF, Hammerschmidt S (2010) Complement regulator Factor H mediates a two-step uptake of *Streptococcus pneumoniae* by human cells. *J Biol Chem* 285(30),

23486-23495. [Details PubMed](#)

Luo S, Hartmann A, Dahse HM, Skerka C, Zipfel PF (2010) Secreted pH-regulated antigen 1 of *Candida albicans* blocks activation and conversion of complement C3. *J Immunol* 185(4), 2164-2173. [Details PubMed](#)

Luo S, Poltermann S, Kunert A, Rupp S, Zipfel PF (2009) Immune evasion of the human pathogenic yeast *Candida albicans*: Pra1 is a Factor H, FHL-1 and plasminogen binding surface protein. *Mol Immunol* 47(2-3), 541-550. [Details PubMed](#)