

Publications

Luo S, Hu D, Wang M, Zipfel PF, Hu Y (2020) Complement in hemolysis and thrombosis-related diseases. *Front Immunol* 11, 1212. (Review)

Luo S, Wang M, Hu D, Zipfel PF, Hu Y (2020) How does complement affect hematological malignancies: From basic mechanisms to clinical application. *Front Immunol* 11, 593610. (Review)

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 (2018) Kallikrein cleaves C3 and activates complement. *J Innate Immun* 10(2), 94-105.

Luo S, Dasari P, Reiher N, Hartmann A, Jacksch S, Wende E, Barz D, Niemiec MJ, Jacobsen I, Beyersdorf N, Hünig T, Klos A, Skerka C, Zipfel PF (2018) The secreted *Candida albicans* protein Pra1 disrupts host defense by broadly targeting and blocking complement C3 and C3 activation fragments. *Mol Immunol* 93, 266-277.

Zipfel PF, Luo S, Dasari P, Reiher N, Jacobsen I, Beyersdorf N, Klos A, Serka C (2018) Reply to kang and brooks: Comment on the interpretation of binding of Pra1, the fungal immune evasion protein from *Candida albicans* to the human C3 and on the conformational changes of C3 upon activation: Kang and brooks optimization of biolayer-interfero. *Mol Immunol* 101, 638-639.

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.

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.

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.

*equal contribution #corresponding author