

Publications

Busch C, Rau S, Sekulic A, Perie L, Huber C, Gehrke M, Jousen AM, Zipfel PF, Wildner G, Skerka C, Strauß O (2023) Increased plasma level of terminal complement complex in AMD patients: potential functional consequences for RPE cells. *Front Immunol* 14, 1200725.

Halder LD, Babych S, Palme DI, Mansouri-Ghahnavieh E, Ivanov L, Ashonibare V, Langenhorst D, Prusty B, Rambach G, Wich M, Trinks N, Blango MG, Kornitzer D, Terpitz U, Speth C, Jungnickel B, Beyersdorf N, Zipfel PF, Brakhage AA, Skerka C (2022) *Candida albicans* induces cross-kingdom miRNA trafficking in human monocytes to promote fungal growth. *mBio* 13(1), e0356321.

Shahraz A, Lin Y, Mbroh J, Winkler J, Liao H, Lackmann M, Bungartz A, Zipfel PF, Skerka C, Neumann H (2022) Low molecular weight polysialic acid binds to properdin and reduces the activity of the alternative complement pathway. *Sci Rep* 12(1), 5818.

Stea ED, Skerka C, Accetturo M, Pesce F, Wiech T, Hartmann A, Pontrelli P, Castellano G, Zipfel PF, Gesualdo L (2022) Novel FHR2 variants in atypical haemolytic uremic syndrome: a case study of translational medicine approach in renal transplantation. *Front Immunol* 13, 1008294.

Zipfel PF, Skerka C (2022) From magic bullets to modern therapeutics: Paul Ehrlich, the German immunobiologist and physician who coined the term 'Complement'. *Mol Immunol* 150, 90-98. (Review)

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Zipfel PF, Wiech T, Gröne HJ, Skerka C (2021) Complement catalyzing glomerular diseases. *Cell Tissue Res* 385(2), 355-370. (Review)

Alic L, Papac-Milicevic N, Czamara D, Rudnick RB, Ozsvar-Kozma M, Hartmann A, Gurbisz M, Hoermann G, Haslinger-Hutter S, Zipfel PF, Skerka C, Binder EB, Binder CJ (2020) A genome-wide association study identifies key modulators of complement factor h binding to malondialdehyde-epitopes. *Proc Nat Acad Sci USA* 117(18), 9942-9951.

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Skerka C, Pradel G, Zipfel PF, Zipfel SLH, Strauß O (2020) Factor H-related protein 1: A complement protein and guardian of necrotic type surfaces. *Br J Pharmacol* [Epub ahead of print] (Review)

Zipfel PF, Wiech T, Stea ED, Skerka C (2020) CFHR gene variations provide insights in the pathogenesis of the kidney diseases atypical hemolytic uremic syndrome and C3 glomerulopathy. *J Am Soc Nephrol* 31(2), 241-256. (Review)

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