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M3-project 2: Orchestration of phagocytic macrophage activity to clear bacterial infections by cold shock proteins and NF-kappaB signaling in healthy and immunosuppressed elderly patients

Prof. Dr. med. › **Peter Mertens**

(<http://www.knep.ovgu.de/Forschung/AG+Mertens.html>) (OVGU, MED, KNEP)

Prof. Dr. rer. nat. **Ingo Schmitz** (formerly OVGU, MED, IMKI)

Shah A, Lindquist JA, Rosendahl L, Schmitz I, Mertens PR. (2021) Novel Insights into YB-1 Signaling and Cell Death Decisions. *Cancers*. 13(13):3306.

doi:10.3390/cancers13133306. (<https://www.mdpi.com/2072-6694/13/13/3306>)

Stojanovska V, **Shah A**, Woidacki K, Fischer F, Bauer M, Lindquist JA, Mertens PR, Zenclussen AC. (2021) YB-1 Is Altered in Pregnancy-Associated Disorders and Affects Trophoblast in Vitro Properties via Alternation of Multiple Molecular Traits. *Int J Mol Sci*. 22(13):7226.

doi:10.3390/ijms22137226. (<https://www.mdpi.com/1422-0067/22/13/7226>)

Shah A, Plaza-Sirvent C, Weinert S, Buchbinder JH, Lavrik IN, Mertens PR, Schmitz I, Lindquist JA. (2020) YB-1 Mediates TNF-Induced Pro-Survival Signaling by Regulating NF- κ B Activation. *Cancers*, 12(8), 2188;

DOI:10.3390/cancers12082188 (<https://www.mdpi.com/2072-6694/12/8/2188>)

Hessman CL, Hildebrandt J, **Shah A**, Brandt S, Bock A, Frye BC, Raffetseder U, Geffers R, Brunner-Weinzierl MC, Isermann B, Mertens PR, Lindquist JA. YB-1 Interferes with TNF α -TNFR Binding and Modulates Progranulin-Mediated Inhibition of TNF α Signaling. *Int J Mol Sci*. 2020 Sep 25;21(19):7076. **DOI:**

10.3390/ijms21197076. (<https://www.mdpi.com/1422-0067/21/19/7076>)

Liakopoulos V, Jeron A, **Shah A**, Bruder D, Mertens PH, Gorny X (2018). Hemodialysis-related changes in phenotypical features of monocytes. *Scientific Reports* 8: 13694. **DOI:**

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News

2022-05-12
Ann-Kathr in Meinshausen: PhD Defense

2022-04
Alexander Pausder: PhD Submission

2022-03-17
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