

Archive – Publications of the Department

January – March 2023

Boraschi D, **Duschl A**, Lynch I, Stoeger T. Editorial: Exploring impacts of combined exposures to particles and chemicals on immune reactions across living organisms. *Front Toxicol* 5: 1148374. 2023.

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Johnson L, **Aglas L**, **Punz B**, **Dang HH**, **Christ C**, **Pointner L**, **Wenger M**, **Hofstaetter N**, **Hofer S**, **Geppert M**, **Andosch A**, **Ferreira F**, **Horejs-Hoeck J**, **Duschl A**, **Himly M**. Mechanistic insights into silica nanoparticle-allergen interactions on antigen presenting cell function in the context of allergic reactions. *Nanoscale* 15(5): 2262-2275. 2023.

Pointner L, Adamkova V, Bethanis A, Gerkhardt S, Moelter L, Traidl-Hoffmann C, Gilles S, **Aglas L**. Can birch pollen directly influence the IL-4/IL-4R interaction to modulate Th2 responses? *Allergy*. 2023.

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Alhayek A, Abdelsamie AS, **Schonauer E**, Camberlein V, **Hutterer E**, **Posselt G**, **Serwanja J**, **Blochl C**, **Huber CG**, Haupenthal J, **Brandstetter H**, **Wessler S**, Hirsch AKH. Discovery and Characterization of Synthesized and FDA-Approved Inhibitors of Clostridial and Bacillary Collagenases. *J Med Chem* 65(19): 12933-12955. 2022.

Elamin T, **Brandstetter H**, **Dall E**. Legumain Activity Is Controlled by Extended Active Site Residues and Substrate Conformation. *Int J Mol Sci* 23(20). 2022.

Gögele C, Muller S, Belov S, Pradel A, Wiltzsch S, Lenhart A, Hornfeck M, Kerling V, Rubling A, Kuhl H, Schafer-Eckart K, Minnich B, **Weiger TM**, Schulze-Tanzil G. Biodegradable Poly(D-L-lactide-co-glycolide) (PLGA)-Infiltrated Bioactive Glass (CAR12N) Scaffolds Maintain Mesenchymal Stem Cell Chondrogenesis for Cartilage Tissue Engineering. *Cells* 11(9). 2022.

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