

## Prof. Dr. Ralf Baumann

Ausgewählte *peer reviewed* Erst-/Letzt-Autor-Publikationen der letzten 8 Jahre:

### 2021

**Ralf Baumann**, Eva Untersmayr, Ulrich M Zissler, Stefanie Eyerich, Ian M Adcock, Knut Brockow, Tilo Biedermann, Markus Ollert, Adam M Chaker, Oliver Pfaar, Holger Gar, Ryan S Thwaites, Alkis Togias, Marek L Kowalski, Trevor T Hanse, Constanze A Jakwerth, Carsten B Schmidt-Weber.

*Allergy*. 2021 Apr; 76(4):1010-1023. doi: 10.1111/all.14645.

<https://pubmed.ncbi.nlm.nih.gov/33128851/>

### 2020

**Baumann R**, Untersmayr E, Zissler UM, Eyerich S, Adcock IM, Brockow K, Biedermann T, Ollert M, Chaker AM, Pfaar O, Garn H, Thwaites RS, Togias A, Kowalski ML, Hansel T, Jakwerth C, Schmidt-Weber CB: Non-invasive and minimally-invasive techniques for the diagnosis and management of allergic diseases. EAACI position paper. *Allergy*, 2020; <https://doi.org/10.1111/all.14645>.

### 2018

**Baumann R**<sup>o</sup>, Brand P, Chaker A, Markert A, Rack I, Davatgarbenam S, Joraslafsky S, Gerhards B, Kraus T, Gube M: Human nasal mucosal C-reactive protein responses after inhalation of ultrafine welding fume particles: positive correlation to systemic C-reactive protein responses. *Nanotoxicology*, 2018; 12:1130-1147.

**Baumann R**<sup>o</sup>, Gube M, Markert A, Davatgarbenam S, Kossack V, Gerhards B, Kraus T, Brand P: Systemic serum amyloid A as a biomarker for exposure to zinc and/or copper containing metal fumes. *Journal of Exposure Science and Environmental Epidemiology* 2018; 28: 84–91.

### 2017

Awoniyi D\* & **Baumann R**\*<sup>\*</sup>, Chegou N, Kriel B, Jacobs R, Kidd M, Loxton AG, Kaempfer S, Singh M, Walzl G: Detection of a combination of serum IgG and IgA antibodies against selected mycobacterial targets provides promising diagnostic signatures for active TB. *Oncotarget* 2017; 8: 37525–37537.

### 2016

**Baumann R**<sup>o</sup>, Joraslafsky S, Markert A, Rack I, Davatgarbenam S, Kossack V, Gerhards B, Kraus T, Brand P, Gube M: IL-6, a central acute-phase mediator, as an early biomarker for exposure to zinc-based metal fumes. *Toxicology* 2016; 373, 63–73.

### 2015

**Baumann R**\* & Kaempfer S\*, Chegou N, Oehlmann W, Spallek R, Loxton AG, van Helden PD, Black GF, Singh M, Walzl G: A subgroup of latently *Mycobacterium tuberculosis* infected control individuals is characterized by consistently elevated IgA responses to several mycobacterial antigens. *Mediators of Inflammation* 2015; Article ID 364758. doi:10.1155/2015/364758.

**2014**

**Baumann R**, Kaempfer S, Chegou N, Oehlmann W, Loxton AG, Kaufmann SHE, van Helden PD, Black GF, Singh M, Walzl G: Serologic diagnosis of tuberculosis by combining Ig classes against selected mycobacterial targets. *Journal of Infection* 2014; 69: 581–589.

**2013**

**Baumann R**<sup>o</sup>, Rabaszowski M, Stenin I, Tilgner L, Gaertner-Akerboom M, Scheckenbach K, Wiltfang J, Chaker A, Schipper J, Wagenmann M: Nasal levels of IL-16 and soluble IL-33R ST2 in allergic rhinitis: inverse correlation trends with disease severity. *Clinical & Experimental Allergy* 2013; 43:1134–1143.

**Baumann R**<sup>o</sup>, Kaempfer S, Chegou N, Veenstra H, Spallek R, Kidd M, Lukey PT, Bolliger CT, van Helden PD, Singh M, Walzl G: Serodiagnostic markers for the prediction of the outcome of intensive phase tuberculosis therapy. *Tuberculosis (Edinb)* 2013;93:239-245.