

Borsche*, M., *I. R. König**, S. Delcambre, S. Petrucci, A. Balck, N. Brüggemann, A. Zimprich, K. Wasner, S. L. Pereira, M. Avenali, C. Deuschle, K. Badanjak, J. Ghelfi, T. Gasser, M. Kasten, P. Rosenstiel, K. Lohmann, K. Brockmann, E. M. Valente, R. J. Youle, A. Grünwald and C. Klein. Mitochondrial damage-associated inflammation highlights Parkinson's disease biomarkers in carriers of Parkin and PINK1 mutations. *Brain* 2020 143(10): 3041-3051.

Desch, S., ..., *I. R. König*, ..., on behalf of the TOMAHAWK Investigators. One-year outcomes of coronary angiography after out-of-hospital cardiac arrest without ST-elevation. *JAMA Cardiol* 2023;8:827-34.

König, I. R., O. Fuchs, G. Hansen, E. von Mutius and M. Kopp. What is Precision Medicine? *Eur Respir J* 2017 50(4): 1700391.

Laabs, B.-H., ..., *I. R. König** and A. Westenberger*. Identifying genetic modifiers of age-associated penetrance in X-linked dystonia parkinsonism. *Nat Commun* 2021 12(1): 3216.

Laabs, B.-H., A. Westenberger, *I. R. König*. Identification of representative trees in random forests based on a new tree-based distance measure. *Adv Data Anal Classif* 2023.

Nissen, G., ..., *I. R. König*, M. V. Kopp, K. F. Rabe, W. Göpel. Lung function of preterm children parsed by a polygenic risk score for adult COPD *NEJM Evid* 2023;2.

Rossum, T. V., ..., *I. R. König*, P. Henneke, C. Härtel. Effect of Bifidobacterium and Lactobacillus probiotics on gut dysbiosis in preterm infants: The PRIMAL randomized controlled phase 3 trial. *JAMA Pediatr* accepted.

Vos, M., M. Dulovic-Mahlow, F. Mandik, L. Frese, Y. Kanana, S. H. Diaw, J. Depperschmidt, C. Böhm, J. Rohr, T. Lohnau, *I. R. König* and C. Klein. Ceramide-accumulation induces mitophagy and impairs β -oxidation in PINK1 deficiency. *Proc Natl Acad Sci* 2021 118(43): e2025347118.