

Curriculum Vitae Ralf Ludwig

Personal Data

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Selection of peer-reviewed research articles:

1. Olbrich H, Kridin K, Zirpel H, *et al*, **Ludwig RJ**[#], Boch K[#]. Cutaneous lupus erythematosus is associated with an increased risk of cardiac and vascular diseases: a large-scale, propensity-matched global retrospective cohort study *EBioMedicine*. 2023 Jul;93:104639. doi: 10.1016/j.ebiom.2023.104639.
2. Shoykhet M, Dervishi O, Menauer P, *et al*, **Ludwig RJ**, *et al*, Yeruva S. EGFR inhibition leads to enhanced desmosome assembly and cardiomyocyte cohesion via ROCK activation. *JCI Insight*. 2023 Mar 22;8(6):e163763. doi: 10.1172/jci.insight.163763.
3. Gupta Y, Ernst AL, Vorobyev A, *et al*, **Ludwig RJ**[#], Sezin T[#]. Impact of diet and host genetics on the murine intestinal mycobiome. *Nat Commun* (2023) 14:834.
4. Bieber K, Hundt JE, Yu X, *et al*, **Ludwig RJ**. Autoimmune pre-disease. *Autoimmun Rev*. 2023 Feb;22(2):103236. doi: 10.1016/j.autrev.2022.103236.
5. Kridin K, **Ludwig RJ**. Isotretinoin and the risk of psychiatric disturbances: A global study shedding new light on a debatable story. *J Am Acad Dermatol*. 2023 Feb;88(2):388-394. doi: 10.1016/j.jaad.2022.10.031.
6. Hiroyasu S, Zeglinski MR, Zhao H, *et al*, **Ludwig RJ**, Granville DJ. Granzyme B inhibition reduces disease severity in autoimmune blistering diseases. *Nat Commun*. 2021 Jan 12;12(1):302. doi: 10.1038/s41467-020-20604-3.
7. Vorobyev A, Gupta Y, Sezin T, *et al*, **Ludwig RJ**. Gene-diet interactions associated with complex trait variation in an advanced intercross outbred mouse line. *Nat Commun*. 2019 Sep 10;10(1):4097. doi: 10.1038/s41467-019-11952-w.
8. Schindewolf M, Gobst C, Kroll H, *et al*, **Ludwig RJ**. High incidence of heparin-induced allergic delayed-type hypersensitivity reactions in pregnancy. *J Allergy Clin Immunol*. 2013 Jul;132(1):131-9. doi: 10.1016/j.jaci.2013.02.047.
9. Karsten CM, Pandey MK, Figge J, *et al*, **Ludwig RJ**, *et al*, Köhl J. Galactosylated IgG1 links FcγRIIB and Dectin-1 to block complement-mediated inflammation. *Nat Med*. 2012 Sep;18(9):1401-6. doi: 10.1038/nm.2862.
10. Kasperkiewicz M, Müller R, Manz R, *et al*, **Ludwig RJ**[#], Orosz A[#]. Heat shock protein 90 inhibition in autoimmunity to type VII collagen: evidence that non-malignant plasma cells are not therapeutic targets. *Blood*. 2011 Jun 9;117(23):6135-42. doi: 10.1182/blood-2010-10-314609.