Curriculum Vitae

Personal information

Karolin Volkmann

Work experience

1. Employer: Federal Institute for Drugs and Medical Devices
   - Start date: 102022
   - End date:
   - Position: GCP_Inspector
   - Activities:
   - Country: Germany
2. Employer: Philipps_University Marburg
   - Start date: 102020
   - End date: 092022
   - Position: PostDoc
   - Activities: Employment within the context of a Phase I clinical trial
   - Country: Germany

Education and training

1. Subject: Leibniz Research Centre for Working Environment and Human Factors, Dortmund
   - Start date: 072017
   - End date: 092020
   - Qualification: Dr. rer. nat. (Biology)
   - Organisation: Member of the Graduate School of Biomedical Science (BIOME), Core „Cellular and Molecular Immunology", Faculty of Medicine at the University Duisburg_Essen Thesis: The dopaminergic pathway: A potential approach to target specific leukocyte subpopulations in chronic inflammatory joint diseases
   - Country: Germany
2. Subject: University Duisburg_Essen
   - Start date: 102014
   - End date: 112016
   - Qualification: Master of Science (Biomedical Science)
   - Organisation:
   - Country: Germany
3. Subject: Philipps_University Marburg
   - Start date: 102011
   - End date: 072014
   - Qualification: Bachelor of Science (Biomedical Science)
   - Organisation:
   - Country: Germany

Additional information

Publications

Didona, D., Hudemann, C., Garn, H., Krzikalla, D., Wang, S.-H., Hinterseher, J., **Volkmann, K.**, Polakova, A., Zakrzewicz, A., Feldhoff, S., Tikkanen, R., Digigow, R., Pfützner, W., Santos, A., Zimmer, C.L., Hahmann, M., Harnisch, S., Rösch, S., Huguenin, S., Eming, R., Hahn, M., Schauer, F., Antiga, E., Senatore, S., Maglie, R., Täubel, J., Ghoreschi, K., Meier, K., Solimani, F., Sticherling, M., Sollfrank, L., Günther, C., Steinbrink, K., Magnolo, N., van Schaick, E., Asnaghi, V., Zollmann, F.S., Pohler, J., Hummel, J., Sandbrink, R., de Min, C., Fleischer, S., Möbs, C., Hertl, M., Aug 2025. Safety, tolerability, pharmacokinetics, and pharmacodynamic effects of desmoglein 3-peptide-coupled tolerizing nanoparticles in pemphigus, *Br J Dermatol.*

Didona, D., Scarsella, L., Hudemann,ʳ C., **Volkmann, K.**, Zimmer, C.L., Beckert, B., Tikkanen, R., Korff, V., Kühn, K., Wienzek-Lischka, S., Bein, G., di Zenzo, G., Böhme, J., Cunha, T., Solimani, F., Pieper, J., Juratli, H., Göbel, M., Schmidt, T., Borradori, L., Yazdi, A., Sitaru, C., Garn, H., Eming, R., Fleischer, S., Pollmann, R., Hertl, M., Feb 2024. Type 2 T cell responses against distinct epitopes of the desmoglein 3 ectodomain in active pemphigus vulgaris, *J Invest Dermatol.*

Wieber, K., Fleige, L., Tsiami, S., Reinders, J., Braun, J., Baraliakos, X., Capellino, S., April 2022. Dopamine receptor 1 expressing B cells exert a proinflammatory role in female patients with rheumatoid arthritis, *Sci Rep.*

Wieber, K., Zimmer, C.L., Hertl, M., May 2021. Detection of autoreactive CD4+ T cells by MHC class II multimers in HLA_linked human autoimmune diseases. *J Clin Invest.*

Steens, J., Unger, K., Klar, L., Neureiter, A., **Wieber, K.**, Hess, J., Jakob, H.G., Klump, H., Klein, D., Nov 2019. Direct conversion of human fibroblasts into therapeutically active vascular wall_typical mesenchymal stem cells. *Cell Mol Life Sci.*

Projects

Memberships

Other Relevant Information