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I. Medizinische Klinik und Poliklinik
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Director (W3 Professor)

University training

1991 - 1997 Study of Human Medicine, University of Cologne, Cologne, Germany
1989 - 1991 Study of Human Medicine (MD), Heidelberg University, Heidelberg,
Germany

Advanced academic qualifications

2006 Habilitation in Internal Medicine (Priv.-Doz.); mentor: Prof. Dr. Lohse,
Hamburg, Germany
2006 Specialist in Gastroenterology
2004 Specialist in Internal Medicine (Facharzt für Innere Medizin)
1997 Dissertation in Human Medicine (Dr. med.); supervisor: Prof. Dr. Blessing,
Mainz, Germany

Postgraduate professional career

Since 2020 Spokesperson of LFF research consortium FV78
Since 2019 Head of Clinical Research Unit 306 (CRU 306)
Since 2016 Director of Martin Zeitz Centre for Rare Diseases, University Medical
Centre Hamburg-Eppendorf, Hamburg, Germany
Since 2015 Helmut and Hannelore Greve Foundation Chair of Rare Diseases
(W3)
2011 Professor of Medicine (apl), Vice director of the I. Dept. of Medicine,
University Medical Centre Hamburg-Eppendorf, Hamburg, Germany
2005 - 2011 Senior staff member, I. Dept. of Medicine, University Medical Centre
Hamburg-Eppendorf, Hamburg, Germany
1997 - 2005 Junior physician and research assistant, Dept. of Gastroenterology,
Hepatology, Nephrology and Infectious Diseases, University of Mainz, Mainz,
Germany
1993 - 1994 Research student at the Dept. of Cell Biology, Weizmann Institute of
Science, Rehovot, Israel, Fellowship of the Minerva-Stiftung

Selected awards and honours

2019 Mentorship award of the Claussen-Simon-Stiftung
2015 EASL (European Society for the Study of the Liver) Registry Grant
2014 'Dr.-Martini-Preis' (awards for the best research work published in 2013 at
the University Medical Centre Hamburg-Eppendorf; shared with J. Katt)
2004 Research award of the Society for Gastroenterology in Rheinland-Pfalz/
Saarland

Publikationen

A protective effect of inflammatory bowel disease on the severity of sclerosing cholangitis

Stumme, F., Steffens, N., Steglich, B., Mathies, F., Nawrocki, M., Sabihi, M., Soukou-Wargalla, S., Göke, E., Kempfski, J., Fründt, T., Weidemann, S., Schramm, C., Gagliani, N., Huber, S. & Bedke, T., 06.03.2024, in: FRONT IMMUNOL. 15, S. 1307297

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Gordon, H., Burisch, J., Ellul, P., Karmiris, K., Katsanos, K., Allocca, M., Bamias, G., Barreiro-de Acosta, M., Braithwaite, T., Greuter, T., Harwood, C., Juillerat, P., Lobaton, T., Müller-Ladner, U., Noor, N., Pellino, G., Savarino, E., Schramm, C., Soriano, A., Stein, J. M., Uzzan, M., van Rheenen, P. F., Vavricka, S. R., Vecchi, M., Zuily, S. & Kucharzik, T., 27.01.2024, in: J CROHNS COLITIS. 18, 1, S. 1-37 37 S.

HLA-DPA1*02:01~B1*01:01 is a risk haplotype for primary sclerosing cholangitis mediating activation of NKp44+ NK cells
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Adequate versus deep response to ursodeoxycholic acid in primary biliary cholangitis: To what extent and under what conditions is normal ALP level associated with complication-free survival gain?

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Nayagam, J. S., Weismüller, T. J., Milkiewicz, P., Wronka, K. M., Bik, E., Schramm, C., Fuessel, K., Zhou, T., Chang, J., Färkkilä, M., Carlsson, Y., Lundman, A., Cazzagon, N., Corrà, G., Rigopoulou, E., Dalekos, G. N., Båve, A. L., Bergquist, A., Ben Belkacem, K., Marzioni, M., Mancinelli, M., Verhelst, X., Marschall, H.-U., Heneghan, M. A., Joshi, D. & International PSC Study Group (IPSCSG), 01.2024, in: JHEP REP. 6, 1, S. 100951

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Poetter-Lang, S., Messner, A., Bastati, N., Ringe, K. I., Ronot, M., Venkatesh, S. K., Ambros, R., Kristic, A., Korajac, A., Dovjak, G., Zalaudek, M., Hodge, J. C., Schramm, C., Halilbasic, E., Trauner, M. & Ba-Ssalamah, A., 12.2023, in: EUR RADIOL. 33, 12, S. 9022-9037 16 S.

Evaluation of Tofacitinib in Primary Sclerosing Cholangitis and Associated Colitis: A Multicenter, Retrospective Study

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Human $\gamma\delta$ T cell Identification from Single-cell RNA Sequencing Datasets by Modular TCR Expression

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Nomenclature, diagnosis and management of drug-induced autoimmune-like hepatitis (DI-ALH): An expert opinion meeting report

Andrade, R. J., Aithal, G. P., de Boer, Y. S., Liberal, R., Gerbes, A., Regev, A., Terziroli Beretta-Piccoli, B., Schramm, C., Kleiner, D. E., De Martin, E., Kullak-Ublick, G. A., Stirnimann, G., Devarbhavi, H., Vierling, J. M., Manns, M. P., Sebode, M., Londoño, M. C., Avigan, M., Robles-Diaz, M., García-Cortes, M., Atallah, E., Heneghan, M., Chalasani, N., Trivedi, P. J., Hayashi, P. H., Taubert, R., Fontana, R. J., Weber, S., Oo, Y. H., Zen, Y., Licata, A., Lucena, M. I., Mieli-Vergani, G., Vergani, D., Björnsson, E. S., IAHG Consortium & DHILI Consortium, 09.2023, in: J HEPATOL. 79, 3, S. 853-866 14 S.

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Liquid biopsy-based protein biomarkers for risk prediction, early diagnosis and prognostication of cholangiocarcinoma

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Right and left liver lobe biopsies by minilaparoscopy reveal clinically significant sampling error in staging and grading of autoimmune hepatitis

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Letter to the Editor: Living donor liver transplantation for people with PSC

Heinemann, M., Adam, R., Karam, V. & Schramm, C., 01.05.2023, in: HEPATOLOGY. 77, 5, S. E95-E96

Bile duct colonization with Enterococcus sp. associates with disease progression in Primary Sclerosing Cholangitis

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DeePSC: A Deep Learning Model for Automated Diagnosis of Primary Sclerosing Cholangitis at Two-dimensional MR Cholangiopancreatography

Ragab, H., Westhaeusser, F., Ernst, A., Yamamura, J., Fuhlert, P., Zimmermann, M., Sauerbeck, J., Shenan, F., Özden, C., Weidmann, A., Adam, G., Bonn, S. & Schramm, C., 05.2023, in: RADIOL-ARTIF INTELL. 5, 3, S. e220160

Transition for adolescents with a rare disease: results of a nationwide German project

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Psychological distress of adult patients consulting a center for rare and undiagnosed diseases: a cross-sectional study

Mund, M., Uhlenbusch, N., Rillig, F., Weiler-Normann, C., Herget, T., Kubisch, C., Löwe, B. & Schramm, C., 14.04.2023, in: ORPHANET J RARE DIS. 18, 1, S. 82 82.

Protective and aggressive bacterial subsets and metabolites modify hepatobiliary inflammation and fibrosis in a murine model of PSC

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Improving quality of life in patients with rare autoimmune liver diseases by structured peer-delivered support (Q.RARE.LI): study protocol for a transnational effectiveness-implementation hybrid trial

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Pathogen detection in RNA-seq data with Pathoia

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Analysis of the humoral and cellular response after the third COVID-19 vaccination in patients with autoimmune hepatitis

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Confidence in treatment is contributing to quality of life in autoimmune liver diseases. The results of ERN RARE-LIVER online survey

Wunsch, E., Krause, L., Gevers, T., Schramm, C., Janik, M. K., Krawczyk, M., Willemse, J., Uhlenbusch, N., Löwe, B., Lohse, A. W. & Milkiewicz, P., 02.2023, in: LIVER INT. 43, 2, S. 381-392 12 S.

Understanding illness experiences of patients with primary sclerosing cholangitis: a qualitative analysis within the SOMA.LIV study

Lösken, C., Maehder, K., Buck, L., Hartl, J., Löwe, B., Schramm, C. & Toussaint, A.-K., 13.01.2023, in: BMC GASTROENTEROL. 23, 1, 12.

A prospective pilot study of a gluten-free diet for primary sclerosing cholangitis and associated colitis

Liwinski, T., Hübener, S., Henze, L., Hübener, P., Heinemann, M., Tetzlaff, M., Hiller, M. I., Jagemann, B., Surabattula, R., Leeming, D., Karsdal, M., Monguzzi, E., Schachschal, G., Rösch, T., Bang, C., Franke, A., Lohse, A. W., Schuppan, D. & Schramm, C., 01.2023, in: ALIMENT PHARM THER. 57, 2, S. 224-236 13 S.

Impact on follow-up strategies in patients with primary sclerosing cholangitis

Bergquist, A., Weismüller, T. J., Levy, C., Rupp, C., Joshi, D., Nayagam, J. S., Montano-Loza, A. J., Lytvyak, E., Wunsch, E., Milkiewicz, P., Zenouzi, R., Schramm, C., Cazzagon, N., Floreani, A., Liby, I. F., Wiestler, M., Wedemeyer, H., Zhou, T., Strassburg, C. P., Rigopoulou, E., Dalekos, G., Narasimman, M., Verhelst, X., Degroote, H., Vesterhus, M., Kremer, A. E., Bündgens, B., Rorsman, F., Nilsson, E., Jørgensen, K. K., von Seth, E., Cornillet Jeannin, M., Nyhlin, N., Martin, H., Kechagias, S., Wiencke, K., Werner, M., Beretta-Piccoli, B. T., Marzioni, M., Isoniemi, H., Arola, J., Wefer, A., Söderling, J., Färkkilä, M., Lenzen, H. & International PSC Study Group, 01.2023, in: LIVER INT. 43, 1, S. 127-138 12 S.

The co-inhibitory receptor TIGIT regulates NK cell function and is upregulated in human intrahepatic CD56bright NK cells

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Liver stiffness measurement by vibration-controlled transient elastography improves outcome prediction in primary biliary cholangitis

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van der Meer, A., de Veer, R., Zigmond, E., Yehezkel, E., Kremer, A. E., Deibel, A., Dumortier, J., Bruns, T., Große, K., Pageaux, G-P., Wetten, A., Dyson, J., Jones, D., Chazouillères, O., Hansen, B., de Lédinghen, V. & Global & ERN Rare-Liver PBC Study Groups, 12.2022, in: J HEPATOL. 77, 6, S. 1545-1553 9 S.

Farnesoid X receptor agonist tropifexor attenuates cholestasis in a randomised trial in patients with primary biliary cholangitis

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Survey uncovering variations in the management of primary sclerosing cholangitis across Europe

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Increased concentrations of conjugated bile acids are associated with osteoporosis in PSC patients

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Targeted suppression of human IBD-associated gut microbiota commensals by phage consortia for treatment of intestinal inflammation

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The Interdisciplinary Diagnosis of Rare Diseases

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Autoimmune hepatitis and COVID-19: No increased risk for AIH after vaccination but reduced care

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The intestinal and biliary microbiome in autoimmune liver disease-current evidence and concepts

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Tolerance and autoimmunity in the liver

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Correction to: Reporting standards for primary sclerosing cholangitis using MRI and MR cholangiopancreatography: guidelines from MR Working Group of the International Primary Sclerosing Cholangitis Study Group

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