

Priv.-Doz. Christian Hudert, MD

1 | General information

Contact details: Department of Gastroenterology, Nephrology and Metabolic Diseases, Charité - Universitätsmedizin Berlin (CVK)
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Current position: Attending Physician at Department of Gastroenterology, Nephrology and Metabolic Diseases, Charité – Universitätsmedizin Berlin

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2 | Academic education

2013 – 2017 Fellowship in Pediatric Gastroenterology, Charité - Universitätsmedizin Berlin
2005 – 2006 Research fellowship, Harvard Medical School, Boston, Massachusetts, USA
2000 – 2007 Medical school, Charité - Universitätsmedizin Berlin (clinical electives: Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts, USA)

3 | Advanced academic qualifications:

2021 Habilitation and *venia legendi*, Pediatrics, “*Genetic, lipidomic and radiologic traits of pediatric nonalcoholic fatty liver disease*”, Charité - Universitätsmedizin Berlin (Mentor: Philip Bufler)
2008 MD thesis “*Transgenic fat-1 mice are protected from colitis*”, Charité - Universitätsmedizin Berlin (Supervisors: Axel Dignass and Karsten Weylandt)

4 | Postgraduate professional career:

Since 2019 Attending physician, Department of Pediatric Gastroenterology, Nephrology and Metabolic Diseases, Charité - Universitätsmedizin Berlin
2017 German board certification *Pediatric Gastroenterology*
2014 – 2019 Lead Study physician, National systems biology consortium for the study on NAFLD, LiSyM (Liver Systems Medicine, funded by German Ministry for Education and Research)
2013 German board certification *Pediatrics*
2007 German physician license
2007 – 2013 Resident physician in Pediatrics, Charité - Universitätsmedizin Berlin

5 | Other:

Awards/Honors

- Scientific achievement award and Best paper award, GPGE (German Society for Pediatric Gastroenterology, Hepatology and Nutrition) (2020)
- Biomedical exchange grant program (German academic exchange service) (2005)
- Student research award, Crohn’s and Colitis Foundation of America (2005)

Selected other professional activities:

- German national S2k Guideline on NAFLD (DGVS), working group leader “pediatrics”

6 | Selected publications:

1. **Hudert CA**, Tzschatzsch H, Rudolph B, Loddenkemper C, Holzhütter HG, Kalveram L, Wiegand S, Braun J, Sack I, Guo J. How histopathologic changes in pediatric nonalcoholic fatty liver diseases influence in vivo liver stiffness. **Acta Biomater** 2021; 123:178-186
2. Teo K, Abeysekera KWM, Adams L, Aigner E, Anstee QM, Banales JM, Banerjee R, Basu P, Berg T, Bhatnagar P, Buch S, Canbay A, Caprio S, Chatterjee A, Ida Chen YD, Chowdhury A, Daly AK, Datz C, de Gracia Hahn D, DiStefano JK, Dong J, Duret A, EU-PNAFLD Investigators, Emdin C, Fairey M, Gerhard GS, Gold Consortium, Guo X, Hampe J, Hickman M, Heintz L, **Hudert C**, Hunter H, Kelly M, Kozlitina J, Krawczyk M, Lammert F, Langenberg C, Lavine J, Li L, Lim HK, Loomba R, Luukkonen PK, Melton PE, Mori TA, Palmer ND, Parisinos CA, Pillai SG, Qayyum F, Reichert MC, Romeo S, Rotter JI, Im YR, Santoro N, Schafmayer C, Speliotes EK, Stender S, Stickel F, Still CD, Strnad P, Taylor KD, Tybjærg-Hansen A, Umamo GR, Utukuri M, Valenti L, Wagenknecht LE, Wareham NJ, Watanabe RM, Wattacheril J, Yaghoobkar H, Yki-Järvinen H, Young KA, Mann JP.. rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. **J Hepatol** 2021; 74(1):20-30
3. Mohs A, Otto T, Schneider KM, Peltzer M, Boekschoten M, Holland CH, **Hudert CA**, Kalveram L, Wiegand S, Saez-Rodriguez J, Longerich T, Hengstler JG, Trautwein C. Hepatocyte-specific NRF2 activation controls fibrogenesis and carcinogenesis in steatohepatitis. **J Hepatol** 2021; 74(3):638-648
4. Kalveram L, Schunck WH, Rothe M, Rudolph B, Loddenkemper C, Holzhütter HG, Henning S, Bufler P, Meierhofer D, Zhang I, Weylandt KH, Wiegand S, **Hudert CA**. Regulation of the cytochrome P450 epoxyeicosanoid pathway is associated with distinct histologic features in pediatric non-alcoholic fatty liver disease. **Prostaglandins Leukot Essent Fatty Acids** 2021; 164:102229
5. Warschburger P, Calvano C, Becker S, Ebinger F, **Hudert C**, Iven E, Posovszky C, Winter SM, Daubmann A, Ozga AK, Wegscheider K. Do Children With Functional Abdominal Pain Benefit More From a Pain-Specific Cognitive-Behavioral Intervention Than From an Unspecific Attention Control Intervention? Results of a Randomized Controlled Trial. **Am J Gastroenterol** 2021; 116(6):1322-1355
6. **Hudert CA**, Selinski S, Rudolph B, Blaker H, Loddenkemper C, Thielhorn R, Berndt N, Golka K, Cadenas C, Reinders J, Henning S, Bufler P, Jansen PLM, Holzhütter HG, Meierhofer D, Hengstler JG, Wiegand S. Genetic determinants of steatosis and fibrosis progression in paediatric non-alcoholic fatty liver disease. **Liver Int** 2019; 39:540-556
7. **Hudert CA**, Tzschatzsch H, Rudolph B, Blaker H, Loddenkemper C, Müller HP, Henning S, Bufler P, Hamm B, Braun J, Holzhütter HG, Wiegand S, Sack I, Guo J. Tomoelastography for the Evaluation of Pediatric Nonalcoholic Fatty Liver Disease. **Invest Radiol** 2019; 54(4):198-203
8. **Hudert CA**, Tzschatzsch H, Guo J, Rudolph B, Blaker H, Loddenkemper C, Luck W, Müller HP, Baumgart DC, Hamm B, Braun J, Holzhütter HG, Wiegand S, Sack I.. US Time-Harmonic Elastography: Detection of Liver Fibrosis in Adolescents with Extreme Obesity with Nonalcoholic Fatty Liver Disease. **Radiology** 2018; 88:99-106
9. Ipek-Ugay S, Tzschatzsch H, **Hudert C**, Marticorena Garcia SR, Fischer T, Braun J, Althoff C, Sack I. Time Harmonic Elastography Reveals Sensitivity of Liver Stiffness to Water Ingestion. **Ultrasound Med Biol** 2016; 42:1289-1294
10. **Hudert CA**, Weylandt KH, Lu Y, Wang J, Hong S, Dignass A, Serhan CN, Kang JX. Transgenic mice rich in endogenous omega-3 fatty acids are protected from colitis. **Proc Natl Acad Sci U S A** 2006; 103(30):11276-11281