


## Curriculum Vitae

	<b>Name in Full</b>	Heiko Witt
	<b>Country</b>	Germany
	<b>Affiliation</b>	Pediatric Nutritional Medicine Technical University of Munich (TUM) Gregor-Mendel-Str. 2 85354 Freising-Weihenstephan Germany
	<b>Email</b>	<a href="mailto:heiko.witt@tum.de">heiko.witt@tum.de</a>

### Educational Background

Heiko Witt was born in Berlin in 1966. He studied medicine in Kiel, Berlin and Freiburg. He received his training in paediatric gastroenterology at the Charité in Berlin under supervision of Michael Becker.

### Professional Career

Since 2008, Heiko Witt is professor at the Else Kröner-Fresenius-Centre (EKFZ) for Nutritional Medicine at the Technical University Munich (TUM). He was the ESPGHAN delegate of the WG "Pancreatic Diseases" for the World Congress in Paris (2004), President of the German Pancreas Club (DPC) (2004), Council member of the European Pancreatic Club (EPC) (2011-2014), 2017 President of the German-speaking Society of Paediatric Gastroenterology and Nutrition (GPGE) (2017), and President of the EPC (2023). Currently, he is Treasurer of the EPC.

### Research Field

His research focus is genetics of paediatric pancreatic disorders. He contributed significantly to the understanding of chronic pancreatitis by identification of several disease genes such as SPINK1, CTSC, CPA1 and TRPV6.

- 1 **Witt H**, Luck W, Becker M. A signal peptide cleavage site mutation in the cationic trypsinogen gene is strongly associated with chronic pancreatitis. *Gastroenterology* 1999;117:7-10.
- 2 **Witt H**, Luck W, Hennies HC, *et al.* Mutations in the gene encoding the serine protease inhibitor, Kazal type 1 are associated with chronic pancreatitis. *Nature Genet* 2000;25:213-216.
- 3 **Witt H**, Luck W, Becker M, *et al.* Mutation in the SPINK 1 trypsin inhibitor gene, alcohol use, and chronic pancreatitis. *JAMA* 2001;285:2716-2717.
- 4 Bhatia E, Choudhuri G, Sikora SS, Landt O, Kage A, Becker M, **Witt H**. Tropical calcific pancreatitis: strong association with *SPINK1* trypsin inhibitor mutations. *Gastroenterology* 2002; 123: 1020-1025.
- 5 **Witt H**, Sahin-Tóth M, Landt O, *et al.* A degradation-sensitive anionic trypsinogen (PRSS2) variant protects against chronic pancreatitis. *Nat Genet* 2006;38:668-673.
- 6 Rosendahl J, **Witt H**, Szmola R, *et al.* Chymotrypsin C (CTRC) variants that diminish activity or secretion are associated with chronic pancreatitis. *Nat Genet* 2008;40:78-82.
- 7 Rosendahl J, Landt O, Bernadova J, ..., **Witt H**. CFTR, SPINK1, CTRC and PRSS1 variants in chronic pancreatitis: is the role of mutated CFTR overestimated? *Gut* 2013;2:582-592.
- 8 Beer S, Zhou J, Szabó A, Keiles S, Chandak GR, **Witt H**, Sahin-Tóth M. Comprehensive functional analysis of chymotrypsin C (CTRC) variants reveals distinct loss-of-function mechanisms associated with pancreatitis risk. *Gut* 2013;62:1616-1624.
- 9 **Witt H**, Beer S, Rosendahl J, *et al.* Variants in CPA1 are strongly associated with early onset chronic pancreatitis. *Nat Genet* 2013;45:1216-1220.
- 10 Derikx MH, Kovacs P, Scholz M, ..., **Witt H**, Rosendahl J; PanEuropean Working group on Alcoholic Chronic Pancreatitis Members and Collaborators. Polymorphisms at PRSS1-PRSS2 and CLDN2-MORC4 loci associate with alcoholic and non-alcoholic chronic pancreatitis in a European replication study. *Gut* 2015;64:1426-1433.
- 11 Fjeld K, Weiss FU, Lasher D, ..., **Witt H**, Lerch MM, Njølstad PR, Johansson S, Molven A. A recombined allele of the lipase gene CEL and its pseudogene CELP confers susceptibility to chronic pancreatitis. *Nat Genet* 2015;47:518-522.
- 12 Nakano E, Geisz A, Masamune A, ..., **Witt H**. Variants in pancreatic carboxypeptidase genes CPA2 and CPB1 are not associated with chronic pancreatitis. *Am J Physiol Gastrointest Liver Physiol* 2015;309:G688-694.
- 13 Rosendahl J, Kirsten H, Hegyi E, ..., **Witt H**, Scholz M, Sahin-Tóth M; all members of the PanEuropean Working group on ACP. Genome-wide association study identifies inversion in the CTRB1-CTRB2 locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. *Gut* 2018;67:1855-1863.
- 14 Lasher D, Szabó A, Masamune A, ..., **Witt H**, Sahin-Tóth M. Protease-sensitive pancreatic lipase variants are associated with early onset chronic pancreatitis. *Am J Gastroenterol* 2019;114:974-983.
- 15 Masamune A, Kotani H, Sörgel FL, ..., **Witt H**, Shimosegawa T. Variants that affect function of calcium channel TRPV6 are associated with early-onset chronic pancreatitis. *Gastroenterology*. 2020;158:1626-1641.
- 16 Rygiel AM, Unger LS, Sörgel FL, ..., **Witt H**. Variants in the pancreatic CUB and zona pellucida-like domains 1 (CUZD1) gene in early-onset chronic pancreatitis - A possible new susceptibility gene. *Pancreatology* 2022;22:564-571.
- 17 Tóth A, Demcsák A, Zankl F, ..., **Witt H**, Rygiel AM, Ewers M, Hegyi E. Loss-of-function variant in chymotrypsin like elastase 3B (CELA3B) is associated with non-alcoholic chronic pancreatitis. *Pancreatology* 2022;22:713-718.