

Lebenslauf

PD Dr. med. Ulrike Strauch

Studium	
1987 – 1989	Studium der Humanmedizin an der Universität Regensburg
1989 – 1994	Studium an der Technischen Universität München
Beruflicher Werdegang	
1995 - 1996	Universitätsklinikum Regensburg, Innere Medizin I
1997 – 2000	Fellowship an der Harvard Medical School sowie am Brigham´s and Womens Hospital, Boston/USA
2000 – Juli 2013	Universitätsklinikum Regensburg, Innere Medizin I, Schwerpunkt Gastroenterologie/Hepatologie Seit 2008 als Funktionsoberärztin
2005	Anerkennung als Fachärztin für Innere Medizin I
2012	Anerkennung Zusatzbezeichnung Gastroenterologie
Seit August 2013	Praxiszentrum Alte Mälzerei, Regensburg

Mitglied: Deutsche Gesellschaft für Innere Medizin (DGIM)
Deutsche Gesellschaft für Verdauungs- und Stoffwechselerkrankungen (DGVS)
European Crohn´s and Colitis Organisation (ECCO)

Publikationen - Originalartikel

Herrlinger KR, Diculescu M, Fellermann K, Hartmann H, Howaldt S, Nikolov R, Petrov A, Reindl W, Otte JM, Stoynov S, **Strauch U**, Sturm A, Viosu R, Ammendola A, Dietrich B, Hentsch B, Stange EF. Efficacy, safety and tolerability of vedofludimus in patients with inflammatory bowel disease: the ENTRANCE study.
J Crohns Colitis. 2013 Sep 1;7(8):636-43.

Ott C, Liebold A, Takses A, Strauch UG, Obermeier F. High prevalence but insufficient treatment of iron-deficiency anemia in patients with inflammatory bowel disease: results of a population-based cohort.
Gastroenterol Res Pract. 2012;2012:595970.

Vermeire S, Ghosh S, Panes J, Dahlerup JF, Luegeling A, Sirotiakova J, **Strauch U**, Burgess G, Spanton J, Martin SW, Niezychowski W. The mucosal addressin cell adhesion molecule antibody PF-00547,659 in ulcerative colitis: a randomised study.
Gut. 2011 Aug;60(8):1068-75.

Girlich C, Ott C, **Strauch U**, Schacherer D, Obermeier F, Jung EM, Schölmerich J, Schreyer AG, Klebl F. Clinical feature and bowel ultrasound in Crohn's disease - does additional information from magnetic resonance imaging affect therapeutic approach and when does extended diagnostic investigation make sense?
Digestion. 2011;83(1-2):18-23.

Iesalnieks I, Gaertner WB, Glaß H, **Strauch U**, Hipp M, Agha A, Schlitt HJ. Fistula-associated anal adenocarcinoma in Crohn´s disease.
Inflamm Bowel Dis 2010; Feb 23

Rieder F, Schleider S, Wolf A, Dirmeier A, **Strauch U**, Obermeier F, Lopez R, Spector L, Fire E, Yarden J, Rogler G, Dotan N, Klebl F. Serum anti-glycan antibodies predict complicated Crohn´s disease behavior: a cohort study.
Inflamm Bowel Dis 2010;16(8):1367-75

Schreyer AG, Hoffstetter P, Daneschnejad M, Jung EM, Pawlik M, Friedrich C, Fellner C, **Strauch U**, Klebl F, Herfarth H, Zorger N. Comparison of conventional abdominal CT with MR-enterography in patients with active Crohn´s disease and acute abdominal pain.
Acad Radiol 2010;17(3):352-7

Strauch UG, Grunwald N, Gürster S, Obermeier F, Rath HC. Loss of CD103+ intestinal dendritic cells during colonic inflammation.
World J Gastroenterology 2010;16(1):21-9

Rieder F, Schleider S, Wolf A, Dirmeier A, **Strauch U**, Obermeier F, Lopez R, Spector L, Fire E, Yarden J, Rogler G, Dotan N, Klebl F. Association of the novel serologic anti-glycan antibodies anti-laminarin and anti-chitin with complicated Crohn's disease behavior.
Inflamm Bowel Dis. 2010;16(2):263-74

Girlich C, Jung EM, Iesalnieks I, Schreyer AG, Zorger N, **Strauch U**, Schacherer D. Quantitative assessment of bowel wall vascularisation in Crohn's disease with contrast-enhanced ultrasound and perfusion analysis.
Clin Hemorheol Microcirc. 2009;43(1):141-8.

Iesalnieks I, Glass H, Kilger A, Ott C, Klebl F, Agha A, Schlitt HJ, **Strauch U**. Perianal fistulas in Crohn's disease: treatment results at an interdisciplinary unit.
Chirurg. 2009 Jun;80(6):549-58.

Herfarth HH, Grunert M, Klebl F, **Strauch U**, Feuerbach S, Schölmerich J, Rogler G, Schreyer AG. Frequency and nature of incidental extra-enteric lesions found on magnetic resonance enterography (MR-E) in patients with inflammatory bowel diseases (IBD).
PLoS One. 2009;4(4):e4863.

Funke B, Autschbach F, Kim S, Lasitschka F, **Strauch U**, Rogler G, Gdynia G, Li L, Gretz N, Macher-Goeppinger S, Sido B, Schirmacher P, Meuer SC, Roth W. Functional characterisation of decoy receptor 3 in Crohn's disease.
Gut. 2009 Apr;58(4):483-91.

Bleich A, Janus LM, Smoczek A, Westendorf AM, **Strauch U**, Mähler M, Hedrich HJ, Fichtner-Feigl S, Schölmerich J, Falk W, Hofmann C, Obermeier F. CpG motifs of bacterial DNA exert protective effects in mouse models of IBD by antigen-independent tolerance induction.
Gastroenterology. 2009 Jan;136(1):278-87.

Iesalnieks I, Kilger A, Glaß H, Müller-Wille R, Klebl F, Ott C, **Strauch UG**, Piso P, Schlitt HJ, Agha A. Intraabdominal septic complications following bowel resection for Crohn's disease: detrimental influence on long-term outcome.
Int J Colorectal Dis 2008 Dec;23(12):1167-1174

Schreyer AG, Finkenzeller T, Gössmann H, Daneschnejad M, Müller-Wille R, Schacherer D, Zuber-Jerger I, **Strauch U**, Feuerbach S, Jung EM. Microcirculation and perfusion with contrast enhanced ultrasound (CEUS) in Crohn's disease: first results with linear contrast harmonic imaging (CHI).
Clin Hemorheol Microcirc. 2008;40(2):143-55.

Bataille F, Rohrmeier C, Bates R, Rieder F, Brenmoehl J, **Strauch UG**, Farkas S, Fürst A, Hofstädter F, Schölmerich J, Herfarth H, Rogler G. Evidence for a role of epithelial mesenchymal transition during pathogenesis of fistulae in Crohn's disease.
Inflamm Bowel Disease 2008 Nov;14(11):1514-1527

Hafner S, Timmer A, Herfarth H, Rogler G, Schölmerich J, Schäffler A, Ehrenstein B, Jilg W, Ott C, **Strauch UG**, Obermeier F. The role of domestic hygiene in inflammatory bowel diseases: hepatitis A and worm infestations.
Eur J Gastroenterol Hepatol 2008 Ju;20(6):561-566

Straub RH, Grum F, **Strauch UG**, Capellino S, Bataille F, Bleich A, Falk W, Schölmerich J, Obermeier F. Anti-Inflammatory Role of sympathetic nerves in chronic intestinal inflammation.

Gut 2008 Jul; 57(7):911-21

Strauch UG, Obermeier F, Grunwald N, Dunger N, Rath H, Schölmerich J, Steinmeyer A, Zügel U, Herfarth HH. Calcitriol analog ZK191784 ameliorates acute and chronic dextran sodium sulfate-induced colitis by modulation of intestinal dendritic cell numbers and phenotype.

World J Gastroenterology 2007 Dec; 13(48):6529-37

Schacherer D, Schuh C, **Strauch U**, Ehrenstein B, Wiest R, Schölmerich J, Schlottmann K, Klebl F. Improvement in the routine diagnostic assessment of the liver by high-resolution sonography: An analysis of 999 cases.

Scand J Gastroenterol. 2007 Mar; 42(3):366-73

Dilger K, Schaeffeler E, Lukas M, **Strauch U**, Herfarth H, Muller R, Schwab M. Monitoring of thiopurine methyltransferase activity in postsurgical patients with Crohn's disease during 1 year of treatment with azathioprine or mesalazine.

Ther Drug Monit. 2007 Feb; 29(1):1-5

Obermeier F, Hausmann M, Kellermeyer S, Kiessling S, **Strauch UG**, Duitman E, Bulfone-Paus S, Herfarth H, Bock J, Dunger N, Stoeck M, Scholmerich J, Falk W, Rogler G. IL-15 protects intestinal epithelial cells.

Eur J Immunol. 2006 Oct; 36(10):2691-9

Bregenzer N, Hartmann A, **Strauch UG**, Scholmerich J, Andus T, Bollheimer LC. Increased Insulin Resistance and beta Cell Activity in Patients With Crohn's Disease. *Inflamm Bowel Dis.* 2006; 12(1):53-56

Ratiu N, Rath HC, Buttner R, Gelbmann C, Klebl F, Kullmann F, Rogler G, **Strauch UG**, Scholmerich J, Messmann H. The effect of chromoendoscopy on the diagnostic improvement of gastric ulcers by endoscopists with different levels of experience. *Rom J Gastroenterol.* 2005; 14(3):239-44

Obermeier F, N Dunger, **UG Strauch**, Hofmann C, Bleich A, N Grunwald, Hedrich HF, Aschenbrenner E, Schlegelberger B, Rogler G, J Schölmerich, W Falk. CpG motifs of bacterial DNA essentially contribute to the perpetuation of chronic intestinal inflammation.

Gastroenterology, 2005; 129(3):913-27

Strauch UG, F Obermeier, N Grunwald, S Guerster, N Dunger, M Schultz, DP Giese, M Maehler, J Schoelmerich, HC Rath. Influence of intestinal bacteria on induction of regulatory T-cells: lessons from a transfer model of colitis.

Gut, 2005; 54(11):1546-52

Schreiter K, M Hausmann, T Spoettl, **UG Strauch**, F Bataille, J Schölmerich, H Herfarth, W Falk, G Rogler. Induction of glycoprotein (gp)96 expression during differentiation of intestinal macrophages.

Gut, 2005, 54(7):935-43

G Paul, F Bataille, F Obermeier, F Klebl, **UG Strauch**, D Lochbaum, P Rümmele, S Farkas, J Schölmerich, M Fleck, G Rogler, HH Herfarth. Analysis of intestinal heme-oxygenase-1 (HO-1) in clinical and experimental colitis.

Clin Exp Immunol. 2005; 140(3):547-55

Obermeier F, **UG Strauch**, N Dunger, N Grunwald, HC Rath, H Herfarth, J Schölmerich, W Falk. In vivo CpG DNA/TLR9 ligation induces regulatory properties in CD4+CD62L+ T cells which prevent intestinal inflammation in the SCID-transfer model of colitis.

Gut, 2005 54(10):1428-36

Schultz M, **Strauch UG**, Linde HJ, Watzl S, Obermeier F, Gottl C, Dunger N, Grunwald N, Scholmerich J, Rath HC. Preventive Effects of Escherichia coli Strain Nissle 1917 on Acute and Chronic Intestinal Inflammation in Two Different Murine Models of Colitis.

Clin Diagn Lab Immunol. 2004 Mar;11(2):372-8

Obermeier F, Schwarz H, Dunger N, **Strauch UG**, Grunwald N, Scholmerich J, Falk W. OX40/OX40L interaction induces the expression of CXCR5 and contributes to chronic colitis induced by dextran sulfate sodium in mice.

Eur J Immunol. 2003 Dec;33(12):3265-74

Obermeier F, Dunger N, **Strauch UG**, Grunwald N, Herfarth H, Scholmerich J, Falk W. Contrasting activity of cytosin-guanosin dinucleotide oligonucleotides in mice with experimental colitis.

Clin Exp Immunol. 2003 Nov;134(2):217-24

Griese DP, Achatz S, Batzlsperger CA, **Strauch UG**, Grumbeck B, Weil J, Riegger GA. Vascular gene delivery of anticoagulants by transplantation of retrovirally-transduced endothelial progenitor cells.

Cardiovasc Res. 2003 May 1;58(2):469-77

Strauch UG, Mueller RC, Li XY, Cernadas M, Higgins JM, Binion DG, Parker CM. Integrin alpha E(CD103)beta 7 mediates adhesion to intestinal microvascular endothelial cell lines via an E-cadherin-independent interaction.

J Immunol. 2001 Mar 1;166(5):3506-14

Arroyo AG, Taverna D, Whittaker CA, **Strauch UG**, Bader BL, Rayburn H, Crowley D, Parker CM, Hynes R. In vivo roles of integrins during leukocyte development and traffic: insights from the analysis of mice chimeric for alpha 5, alpha v, and alpha 4 integrins.

J Immunol. 2000 Oct 15;165(8):4667-75

Schon MP, Arya A, Murphy EA, Adams CM, **Strauch UG**, Agace WW, Marsal J, Donohue JP, Her H, Beier DR, Olson S, Lefrancois L, Brenner MB, Grusby MJ, Parker CM. Mucosal T lymphocyte numbers are selectively reduced in integrin alpha E (CD103)-deficient mice.

J Immunol. 1999 Jun 1;162(11):6641-9

Strauch UG, Lifka A, Gossler U, Kilshaw PJ, Clements J, Holzmann B. Distinct binding specificities of integrins alpha 4 beta 7 (LPAM-1), alpha 4 beta 1 (VLA-4), and alpha IEL beta 7.

Int Immunol. 1994 Feb;6(2):263-75

Strauch UG, Holzmann B. Triggering of L-selectin (gp90MEL-14) induces homotypic lymphocyte adhesion by a mechanism independent of LFA-1.

Int Immunol. 1993 Apr;5(4):393-8

Publikationen - Übersichtsarbeiten

Strauch U, Schölmerich J. Emerging drugs to treat Crohn's disease. *Expert Opin Emerg Drugs. 2010;15(2):309-22*

Straub RH, Wiest R, **Strauch UG**, Harle P, Scholmerich J. The role of the sympathetic nervous system in intestinal inflammation.

Gut. 2006 Nov;55(11):1640-9

Wiest R, **Strauch UG**, Wagner H, Strotzer M, Woenckhaus M, Schröder G, Schölmerich J, Lock G. A Patient with Myelofibrosis Complicated by refractory Ascites and Portal Hypertension: to Tips or Not to Tips? *Scand J Gastroenterol, 2004; 4:389-394*

Strauch U, Scholmerich J. Villous atrophy of the small intestine and iron deficiency. *Dtsch Med Wochenschr. 1996; Nov 15;121(46):1446.*

Strauch UG, U Gossler, A Lifka and B Holzmann. Distinct functions of integrins alpha4beta7, alpha4beta1 and alphaIELbeta7 in lymphocyte recirculation and matrix adhesion. *Topics in Molecular Medicine, Vol I, Raven Press, New York, 1995; 187-1*

Strauch UG, Ott C, Schölmerich J. Übersichtskapitel: Morbus Crohn. In: Therapiehandbuch. Elsevier Verlag, 6. Auflage 2008

Ott C, **Strauch UG**, Schölmerich J. Übersichtskapitel: Colitis ulcerosa. In: Therapiehandbuch. Elsevier Verlag, 6. Auflage 2008

Obermeier F, **Strauch U**, Dunger N, Schölmerich J, Falk W. Mechanisms of intestinal inflammation: Implications for therapeutic Intervention in IBD. Invited for discussion: Effect of CpG oligonucleotides in animal models of IBD. *Kluwer Academic Publisher, Dordrecht 2003.*