

Priv.-Doz. Dr. med. Florian Seyfried

Name: Priv.-Doz. Dr. med. Florian Seyfried
Geboren: 16. Juni 1979, Worms
Familienstand: verheiratet, 1 Kind

Berufsausbildung

- 06/1998 Allgemeine Hochschulreife
(Rudi-Stephan Gymnasium in Worms)
- 08/1998-09/1999 Zivildienst Caritas e.V. Worms
- 10/1999-05/2006 Studium der Humanmedizin an der Universität Rostock und der Julius- Maximilians-Universität Würzburg, Staatsexamen und Approbation
- 12/2006-5/2008 Assistenzarzt, Klinik für Allgemein-, Viszeral- und Gefäßchirurgie, Krankenhaus am Rosarium GmbH, Sangerhausen, Chefarzt: Dr. med. Johannes Diermann
- 06/2008-10/2014 Assistenzarzt, Klinik und Poliklinik für Allgemein- und Viszeral, Gefäß- und Kinderchirurgie, Universitätsklinikum Würzburg, Direktor: Univ.- Prof. Dr. C.-T. Germer
- 10/2010 Prüfarzt für klinische Studien
- 10/2010-03/2012 Honorary clinical research fellow, Department of Investigative Medicine, Imperial College London, Prof. Bloom/ Dr. le Roux
- 10/2014-03/2016 Facharzt für Viszeralchirurgie, Klinik und Poliklinik für Allgemein- und Viszeral, Gefäß- und Kinderchirurgie, Universitätsklinikum Würzburg
- 04/2016-aktuell Oberarzt an der Klinik und Poliklinik für Allgemein- und Viszeral, Gefäß- und Kinderchirurgie, Universitätsklinikum Würzburg, Direktor: Univ.- Prof. Dr. C.-T. Germer
- 01/2017-aktuell Leiter des Referenzzentrums für Adipositas- und metabolische Chirurgie (Universitätsklinikum Würzburg)
- 07/2018-aktuell Leiter des oberen GI Traktes (Universitätsklinikum Würzburg)

Forschungsaktivitäten/Drittmittel

- 05/2008 Der Wert prädiktiver Faktoren bezüglich der Tumorausbreitung und Differenzierung des Prostatakarzinoms unter Berücksichtigung der Partin Tables, Promotion: Klinik und Poliklinik für Urologie und Kinderurologie des Universitätsklinikums Würzburg; Univ.-Prof. Dr. H. Riedmiller (magna cum laude)
- Seit 10/2008 Evaluation of OMS100 (Gastric Pacemaker) in Obese to Morbidly Obese Subjects, Prospektive Multizenter-Phase-I Studie; Investigator Würzburg, Germany
- 07/2009-07/2012 Examinations of the expression and function of D-glucose-co-transporter SGLT1 in the small bowel after metabolic surgery, Co-Investigator (Interdisziplinäres Zentrum für Klinische Forschung, IZKF Würzburg, N-113-N)
- 10/2010-03/2012 The role of gut hormones and metabolic active brown adipose tissue on energy expenditure after obesity surgery, DFG Auslandsstipendium (SE 2027/1-1), Imperial College London, Prof. Bloom/Dr. le Roux; Betrag: 41.700 €
- 01/2013-12/2014 Role of bile acid cycling on glycaemic control after gastric-Bypass, Hauptantragsteller (Interdisziplinäres Zentrum für Klinische Forschung, Würzburg, Z-3/44); Betrag: 95.380 €
- 10/2013-10/2016 The Würzburg Adipose Rodent Study „WARS“, Antragsteller Chirurgie D11, Integrierte Forschungs- und Behandlungszentren Herzinsuffizienz, Würzburg; Betrag: 176.280 €
- 04/2016 Metabolische Veränderungen nach experimenteller intestinaler Bypasschirurgie, Venia legendi für das Fach Chirurgie an der Bayerischen Julius-Maximilians Universität, Würzburg
- 02/2016-01/2019 Modification of the gut-brain axis restores dopamine deficiency post RYGB surgery, Antragsteller, DFG Sachmittelhilfe (SE 2027/2-1, FE 1159/2-1 und KR 3614/4-1, Betrag: ca. 290.000 €
- 01/2017-12/2017 Effects of bariatric surgery and GLP-1 and -2 on the neuroendocrine system, Rotationstelle (12 Monate) für Dr. U. Dischinger, Mentor, Interdisziplinäres Zentrum für klinische Forschung (IZKF Z-2/71) Würzburg, ca. 67.000 Euro
- 10/2017-10/2018 „Laparoskopie Basis- und Fortgeschrittenenkurs I“ (Antrag zur Verbesserung der studentischen Lehre, (Antrag-Nr. 694/009), Antragsteller, Betrag 5000,- Euro
- 08/2018 Mechanismen und Signifikanz einer gesteigerten L-Zell-Funktion nach metabolischer Operation Antragsteller, DFG Sachmittelhilfe (SE 2027/3-1, HA 8213/1-1, Betrag: ca. 500.000 €, Status: Revision)

Publikationen

Is there a role for anything other than a Nissen's operation? Fein M, **Seyfried F**, Journal Gastrointestinal Surgery, 2010 Feb;14 Suppl 1:S67-74.

Upper gastrointestinal investigations before gastric banding Bueter M, Thalheimer A, le Roux CW, Wierlemann A, **Seyfried F**, Fein M. Surgical Endoscopy, 2010 May;24(5):1025-30.

Why patients lose weight after bariatric operations, Bueter M, **Seyfried F**, Germer CT, Zentralblatt für Chirurgie, 2010 Feb;135(1):28-33. Epub 2010 Feb 5. Review.

Gastric leakage after sleeve gastrectomy-clinical presentation and therapeutic options, Jurowich C, Thalheimer A, **Seyfried F**, Fein M, Bender G, Germer CT, Wichelmann C., Langenbecks Arch Surg. 2011 Oct;396(7):981-7. Epub 2011 May 10.

Lessons Learned from Gastric Bypass Operations in Rats, **Seyfried F**, le Roux CW, Bueter M, Obes Facts. 2011;4 Suppl 1:3-12. Epub 2011 Mar 31

Roux-en Y Gastric Bypass surgery in mice – Surgical technique and characterization, **Seyfried F**, Lanoo M, Gsell W, Bueter M, Olbers T, Jurowich C, Germer C-T, le Roux CW, Obes Surg. 2012 Jul;22(7):1117-25.

Increased energy expenditure in gastric bypass rats is not caused by activated brown adipose tissue, Hankir M, Bueter M, Gsell W, **Seyfried F**, Khalil K, Smith KL, Bloom S, Bell JD, le Roux CW, Obes Facts. 2012;5(3):349-58.

Effect of Bariatric Surgery Induced Weight Loss on Renal-, Systemic Inflammation and Blood Pressure: A 12-Month Prospective Study; Fenske WK, Dubb S, Bueter M, **Seyfried F**, Patel K, Tam F, Frankel A, Le Roux CW, Surg Obes Relat Dis. 2013 Jul-Aug;9(4):559-68.

Urinary pheotyping indicates weight loss independent metabolic effects of Roux-en-Y gastric bypass in mice, **Seyfried F**, Li JV, Miras AD, Cluny NL, Bloom SR, Sharkey KA, le Roux CW, Holmes E, J Proteome Res. 2013 Mar 1; 12(3):1245-53

Roux-en-Y gastric bypass operation in rats., Bueter M, Abegg K, Seyfried F, Lutz TA, le Roux CW. J Vis Exp. 2012 Jun 11; (64):e3940

Duodenal-jejunal bypass improves glycemia and decreases SGLT1-mediated glucose absorption in rats with streptozotocin-induced type 2 diabetes., Jurowich CF, Rikkala PR, Thalheimer A, Wichelmann C, **Seyfried F**, Kreissl M, Germer CT, Koepsell H, Otto C. Ann Surg. 2013 Jul; 258(1):89-97

Effects of preoperative exposure to a high-fat versus a low-fat diet on ingestive behavior after gastric bypass surgery in rats., **Seyfried F**, Miras AD, Bueter M, Prechtel CG, Spector AC, le Roux CW. Surg Endosc. 2013 Nov; 27(11):4192-201

Successful treatment of a gastric leak after bariatric surgery using endoluminal vacuum therapy., **Seyfried F**, Reimer S, Miras AD, Kenn W, Germer CT, Scheurlen M, Jurowich C., Endoscopy. 2013;45 Suppl 2 UCTN:E267-8.

Does bariatric surgery change olfactory perception? Results of the early postoperative course. Jurowich CF, **Seyfried F**, Miras AD, Bueter M, Deckelmann J, Fassnacht M, Germer CT, Thalheimer A, Int J Colorectal Dis. 2014 Feb; 29(2):253-60.

Sigmoid diverticulitis: indications and timing of surgery, Jurowich C, **Seyfried F**, Germer CT., *Chirurg*. 2014 Apr;85(4):304-7. doi: 10.1007/s00104-013-2620-y.

Roux-en Y gastric bypass is superior to duodeno-jejunal bypass in improving glycaemic control in Zucker Diabetic Fatty rats **Seyfried F**, Bueter M, Spliethoff K, D Miras AD, Abegg A, Lutz TA, le Roux CW, *Obes Surg*. 2014 Nov;24(11):1888-95. doi: 10.1007/s11695-014-1301-3.

Rats fed diets with different energy contribution from fat do not differ in adiposity, Miras AD*, **Seyfried F***, Phinikaridou A, Andia ME, Spector AC, Botnar RM, le Roux CW, *Obes Facts*. 2014;7(5):302-10. doi: 10.1159/000368622. Epub 2014 Oct 1 *shared first author

Diagnostics and therapy of achalasia von Rahden BH, Filser J, **Seyfried F**, Veldhoen S, Reimer S, Germer CT. *Chirurg*. 2014 Dec;85(12):1055-63. doi: 10.1007/s00104-014-2803-1. Review

Incidence, time course and independent risk factors for metachronous peritoneal carcinomatosis of gastric origin – a longitudinal experience over three decades of 1108 patients, **Seyfried F**, von Rahden BHA, Miras AD, Gasser M, Maeder U, Kunzmann V, Germer CT, Pelz J, and Kerscher AG, *BMC Cancer*. 2015 Feb 19;15:73. doi: 10.1186/s12885-015-1081-8.

Ability® Closed Loop Gastric Electrical Stimulation System for Treatment of Obesity – Clinical results with a 27 months follow up Horbach T, Thalheimer A, **Seyfried F**, Eschenbacher F, Schuhmann P, Meyer G. *Obesity Surg*. 2015 Mar 15. [Epub ahead of print]

Small bowel volvulus after transabdominal preperitoneal hernia repair due to improper use of V-Loc™ barbed absorbable wire – Do we always „read the instructions first“? Filser J, Reibetanz J, Krajcinovic K, Germer CT, Dietz UA, **Seyfried F** *Int J Surg Case Rep*. 2015;8C:193-5. doi: 10.1016/j.ijscr.2015.02.020.

Systemic integration of metabolites and microRNA expression profiles after Roux-en-Y gastric bypass, Wu Q, Li JV, **Seyfried F**, le Roux CW, Ashrafian A, Athanasios T, Fenske W, Darzi A, Nicholson JK, Holmes E, Gooderham N. *Int J Obes (Lond)*. 2015 Mar 18. doi: 10.1038/ijo.2015.33. [Epub ahead of print]

(Dumping syndrome – diagnosis and therapeutic options), **Seyfried F**, Wierlemann A, Bala M, Fasnacht M, Jurowich C, *Chirurg*. 2015 Sep;86(9):847-54. doi: 10.1007/s00104-015-0047-3.

Differential Effects of Roux-en-Y Gastric Bypass Surgery on Brown and Beige Adipose Tissue Thermogenesis, Hankir M, Bronisch F, Kruegel U, Hintisch C, **Seyfried F**, Fenske W., *Metabolism*. 2015 Oct;64(10):1240-9. doi: 10.1016/j.metabol.2015.06.010.

Gastric bypass related effects on glucose control, β -cell function and morphology in the obese Zucker rat, **Seyfried F**, Miras AD, Rotzinger L, Nordbeck A, Corteville C, Li JV, Mohammed H, Fenske W, Otto C, Jurowich C. *Obes Surg*. 2015 Sep 17. [Epub ahead of print]

Weight loss by gastric bypass surgery or caloric restriction alone reduces oxidative stress and genomic damage in colon and kidney of obese Zucker rats,

Bankoglu EE*, **Seyfried F***, Rotzinger L, Nordbeck A, Corteville C, Jurowich C, Germer C-T, Otto C, Stopper H, Free Radic Biol Med. 2016 Mar 3;94:208-217. doi: 10.1016 *shared first author

Systemic Characterization of an Obese Phenotype in the Zucker Rat Model Defining Metabolic Axes of Energy Metabolism and Host-Microbial Interactions, Phetcharaburanin J, Lees H, Marchesi J, Nicholson J, Holmes E, **Seyfried F**, Li JV, J Proteome Res. 2016 Apr 17. [Epub ahead of print]

ADIPOSITAS – Prävention weiter vorantreiben, Chiappetta S, **Seyfried F**, Müller-Stich BP, Stier C, Runkel N, Weiner S, Dtsch Arztl 2016; 113 (20): 975-8

A Gut – Striatal Dopamine Axis Drives Reduced Fat Intake after Gastric Bypass Surgery in Rats, Hankir MK*, **Seyfried F***, Hintschich C*, Diep TH, Kleberg K, Kranz M, Deuther-Conrad W, Rullmann M, Patt M, Hesse S, Sabri O, Brust P, Hansen HS, Araujo IE, Krügel U, Fenske WK, Cell Metab. 2017 Feb 7;25(2):335-344. doi: 10.1016/j.cmet.2016.12.006. Epub 2017 Jan 5. *shared first author

Suppressed Fat Appetite after Roux-en-Y Gastric Bypass Surgery Associates with Reduced Brain μ -opioid Receptor Availability in Diet-Induced Obese Male Rats. Hankir MK, Patt M, Patt JT, Becker GA, Rullmann M, Kranz M, Deuther-Conrad W, Schischke K, **Seyfried F**, Brust P, Hesse S, Sabri O, Krügel U, Fenske WK. Front Neurosci. 2017 Jan 13;10:620. doi: 10.3389/fnins.2016.00620. eCollection 2016.