

**Department and function:**

Gastroenterology, Hepatology & Endocrinology
Attending in medicine and GI, principal investigator

Education:

1977 -1985 Study of Medicine at the Ludwig-Maximilian's University, Munich
1985 Doctoral thesis
2000 Venia legendi for international medicine

Positions:

1985 - 1987 Postdoc, Dept. of Pharmacology, MHH
1987 – 1988 Postdoc., Dig. Dis Center, Beth Israel Hospital, Boston
1988 – 1995 Resident in Internal medicine and GI, Technical University of Munich
1995 - 2002 Attending, GI Division, Eberhard-Karls University, Tübingen

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Major research interests:

1. Structure-function relationships and protein-protein interactions in the regulation of the transport proteins for intestinal salt absorption and anion secretion.
2. Mechanisms of volume regulation in gastrointestinal cells.
3. Adaptive mechanisms in the gastrointestinal tract after selective knockout of transport and regulator proteins which are important in gastrointestinal salt and nutrient transport.

Selected publications:

- Bachmann O, Riederer B, Rossmann H, Groos S, et al. Am J Physiol Gastrointest Liver Physiol. 2004; 287(1):G125-33.
- Schwab A, Rossmann H, Klein M, Dieterich P, Gassner B, Neff C, Stock C, Seidler U. J Physiol. 2005;568(Pt 2):445-58
- Tuo B, Riederer B, Wang Z, Colledge WH, Soleimani M, Seidler U. Gastroenterology. 2006;130(2):349-58
- Bachmann O, Reichelt D, Tuo B, Manns MP, Seidler U. Am J Physiol Gastrointest Liver Physiol. 2006;291(4):G650-7.
- Bachmann O, Heinzmann A, Mack A, Manns MP, Seidler UE. Am J Physiol Gastrointest Liver Physiol. 2006 Nov 9; [Epub ahead of print]
- Bachmann O, Heinzmann A, Mack A, Manns MP, Seidler U. Am J Physiol Gastrointest Liver Physiol. 2007;292(3):G711-7.
- Cinar A, Chen M, Riederer B, Bachmann O, Wiemann M, Manns M, Kocher O, Seidler U. J Physiol. 2007;581(Pt 3):1235-46.
- Tuo BG, Wen GR, Seidler U. Am J Physiol Gastrointest Liver Physiol. 2007; 293(1):G279-87.