

**BIOGRAPHICAL SKETCH**

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NAME Gordon V. Ohning, M.D., Ph.D.		POSITION TITLE Associate Professor of Medicine	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Purdue University, West Lafayette, Indiana	B.S.	1977	Biochemistry
Case Western Reserve Univ., Cleveland, Ohio	Ph.D.	1983	Biochemistry
Case Western Reserve Univ., Cleveland, Ohio	M.D.	1984	Medicine
Univ. of Iowa Hospitals and Clinics, Iowa City, IA	Residency	1987	Internal Medicine
University of California, Los Angeles, California	Fellowship	1990	Gastroenterology

**A. Positions and Honors.****Positions and Employment**

1990 – 1991 Clinical Instructor, UCLA, Los Angeles, CA  
 1990 – Present Member, CURE Digestive Diseases Research Center  
 1991 – 1998 Assistant Professor, UCLA, Los Angeles, CA  
 1991 – Present Staff Physician, VAMC-WLA  
 1998 – Present Associate Professor, UCLA, Los Angeles, CA  
 2000 – 2004 Director, GI Medical Procedures Unit, VA GLAHS  
 2000 – 2004 Director, Antibody and RIA CORE Laboratory, CURE  
 2000 – Present Member, CNS Center for Neurovisceral Sciences and Women's Health  
 2000 – Present Director, Neuroassay CORE laboratory, CNS  
 2004 – Present Co-Director, Proteomics and RIA CORE Laboratory, CURE

**B. Selected peer-reviewed publications (in chronological order).**

- Yang H, **Ohning G**, Tache Y. TRH in the dorsal vagal complex mediates the acid response to chemical stimulation of the raphe pallidus in rats. *Amer J Physiol* 1993;265:G880-G886
- Ohning GV**, Wong HC, Walsh JH. Differential kinetics for immunoneutralization of circulating gastrin by gastrin monoclonal antibody and its Fab<sub>1</sub> fragment in rats. *Peptides* 1994;15:417-423.
- Quintero E, **Ohning G**, Guth P. Uremia in the rat affects gastric cell growth and differentiation. *Dig Dis Sci* 1994;39:1464-1468.
- Kleinman R, **Ohning G**, Wong H, Watt P, Walsh J, Brunicardi FC. Regulatory role of intraislet somatostatin on insulin secretion in the isolated perfused human pancreas. *Pancreas* 1994;9:172-178.
- Martin MG, Wu SV, **Ohning G**, Walsh JH. Oral somatostatin antibody induces rapid increase in plasma gastrin and gastrin mRNA in suckling rats. *Amer J Physiol* 1994;266:G417-G424.
- Garrick T, Prince M, Yang H, **Ohning G**, Tache Y. Raphe pallidus stimulation increases gastric contractility via TRH projections to the dorsal vagal complex in rats. *Brain Res* 1994;636:343-347.
- Kleinman R, Gingerich R, Wong H, Walsh J, Lloyd K, **Ohning G**, De Giorgio R, Sternini C, Brunicardi C. Use of the Fab fragment for immunoneutralization of somatostatin in the isolated perfused human pancreas. *Am J Surgery* 1994;167:114-9.
- Brunicardi FC, Kleinman R, **Ohning G**, Lloyd K, Gingerich R, Wong H, Walsh J. The inhibitory role of intraislet somatostatin on glucagon secretion in the isolated perfused human pancreas. *Transplant Proc* 1994;26:3451-3452.
- Quintero E, **Ohning G**, del Rivero M, Wong H, Walsh J, Guth P. Gastrin mediates the increase in gastric cell growth in uremic rats. *Amer J Physiol* 1995;268:G586-G591.
- Ohning G**, Guth P. Time course of BrdU labelling following aspirin injury in the rat stomach. *Dig Dis Sci* 1995;40:1351-1356.
- Kaneko H, Kato K, **Ohning G**, Tache Y. Medullary thyrotropin-releasing hormone mediates vagal-dependent adaptive gastric protection induced by mild acid in rats. *Gastroenterology* 1995;109:861-5.

12. Okumura T, Grant A, Taylor I, **Ohning G**, Tache Y, Pappas T. Gastric mucosal damage induced by 2-deoxy-D-glucose involves medullary TRH in the rat. *Regul Peptides* 1995;55:311-319.
13. Kaneko H, Yang H, **Ohning G**, Tache Y. Medullary TRH is involved in the gastric protection induced by low dose of kainic acid into the raphe pallidus. *Am J Physiol* 1995;268:G548-G552.
14. Kleinman R, Gingerich R, **Ohning G**, Wong H, Olthoff K, Walsh J, Brunicaudi FC. The influence of somatostatin on glucagon and pancreatic polypeptide secretion in the isolated perfused human pancreas. *Int J Pancreatol* 1995;18:51-57.
15. Okumura T, Taylor I, **Ohning G**, Tache Y, Pappas T. Intracisternal injection of TRH antibody blocks gastric emptying stimulated by 2-deoxy-D-glucose in rats. *Brain Research* 1995;674:137-141.
16. **Ohning G**, Wong HC, Lloyd KCK, Walsh JH. Gastrin mediates the gastric mucosal proliferative response to feeding. *Amer J Physiol* 1996;271:G470-G476.
17. Kleinman RM, Gingerich R, **Ohning G**, Bradley JC, Wong H, Livingston EH, Walsh J, Brunicaudi FC. Intrailelet regulation of pancreatic polypeptide secretion in the isolated perfused rat pancreas. *Pancreas* 1997;15:384-391.
18. Jensen DM, Jutabha R, Machicado GA, Jensen ME, Cheng S, Gornbein J, Hirabayashi K, **Ohning G**, Randall G. Prospective randomized comparative study of bipolar electrocoagulation versus heater probe for treatment of chronically bleeding internal hemorrhoids. *Gastrointest Endosc* 1997;46:435-443.
19. **Ohning GV**, Song M, Wong HC, Wu SV, Walsh JH. Immunolocalization of gastrin-dependent histidine decarboxylase activity during feeding in the gastric mucosa of the rat. *Amer J Physiol* 1998;275:G660-G667.
20. Song M, Yang H, Walsh JH, **Ohning G**, Wong H, Tache Y. Intracisternal TRH analog increases gastrin release and corpus histidine decarboxylase activity in rats. *Am J Physiol* 1999;276:G901-G908.
21. Pisegna JR, Martin P, McKeand W, **Ohning G**, Walsh JH, Paul J. Inhibition of pentagastrin-induced gastric acid secretion by intravenous pantoprazole: a dose-response study. *Am J Gastroenterol* 1999;94:2874-2880.
22. Zeng N, Athmann C, Kang T, Lyu RM, Walsh JH, **Ohning GV**, Sachs G, Pisegna JR. PACAP type I receptor activation regulates ECL cells and gastric acid secretion. *J Clin Invest* 1999;104:1383-1391.
23. **Ohning GV**, Barbuti RC, Kovacs TOG, Sytnic B, Humphries TJ, Walsh JH. Rabeprazole produces rapid, potent, and long-acting inhibition of gastric acid secretion in subjects infected with *Helicobacter pylori*. *Aliment Pharmacol Ther* 2000;14:701-708.
24. Yang H, Kawakubo K, Wong H, **Ohning G**, Walsh J, Tache Y. Peripheral PYY inhibits intracisternal TRH-induced gastric acid secretion by acting in the brain. *Am J Physiol* 2000;279:G575-81.
25. Talley NJ, Verlinden M, Snape W, Beker JA, Ducrotte P, Dettmer A, Brinkhoff H, Eaker E, **Ohning G**, Miner PB, Mathias JR, Fumagalli I, Staessen D, MacK RJ. Failure of a motilin receptor agonist (ABT-229) to relieve the symptoms of functional dyspepsia in patients with and without delayed gastric emptying: A randomized double-blind placebo-controlled trial. *Aliment Pharmacol Ther* 2000;14(12):1653-1661.
26. Pisegna JR, **Ohning GV**, Athmann C, Zeng N, Walsh JH, Sachs G. Role of PACAP1 receptor in regulation of ECL cells and gastric acid secretion by pituitary adenylate cyclase activating peptide. *Ann NY Acad Sci* 2000;921:233-241.
27. Tang SJ, Nieto JM, Jensen DM, **Ohning GV**, Pisegna JR. The novel use of an intravenous proton pump inhibitor in a patient with short bowel syndrome. *J Clin Gastroenterol* 2002;34:62-3.
28. Yang H, Tache Y, **Ohning G**, Go VLW. Activation of raphe pallidus neurons increases insulin through medullary TRH-vagal pathways. *Pancreas* 2002;25:301-307.
29. **Ohning GV**, Walsh JH, Pisegna JR, Murthy A, Barth J, Kovacs TO. Rabeprazole is superior to omeprazole for the inhibition of peptone meal-stimulated gastric acid secretion in *Helicobacter pylori*-negative subjects. *Aliment Pharmacol Ther* 2003;17:1109-14.
30. Straessle A, Loup F, Arabadzisz D, **Ohning GV**, Fritschy JM. Rapid and long-term alterations of hippocampal GABAB receptors in a mouse model of temporal lobe epilepsy. *Eur J Neurosci* 2003;18:2213-26.
31. Chatzaki E, Murphy BJ, Wang L, Million M, **Ohning GV**, Crowe PD, Petroski R, Taché Y, Grigoriadis DE. Differential profile of CRF receptor distribution in the rat stomach and duodenum assessed by newly developed CRF receptor antibodies. *J Neurochem* 2004;88:1-11.
32. Weinberg BM, Oh DS, **Ohning GV**, Pisegna JR. Reflux laryngitis in a patient with Zollinger Ellison syndrome and the role of epidermal growth factor. *Dig Dis Sci* 2004;49:693-6.

### **C. Research Support**

#### **Ongoing Research Support**

Center Grant DK-41301 Rozengurt (PI)

12/01/04 – 11/30/09

NIH-NIDDK

Cure Digestive Diseases Research Center- Proteomics/RIA Core

The major goals of this subproject are to provide CURE investigators with unique antibody reagents and related assay techniques for peptide measurements.

Role: As Co-Director, to supervise the subproject, advise on proper techniques related to use of antibody reagents and assist in the evaluate of results.

1 P50 DK64539-01 Mayer (PI)

09/30/02 – 08/31/07

NIH P50 Center Grant

CNS: Center for Neurovisceral Sciences & Women's Health-Neuroassay Core

The major goals of this subproject are to provide support to Center investigators in assay of neuroendocrine mediators involved in central and peripheral signaling pathways.

Role: To supervise the subproject, coordinate assays with Center investigators, and to assist in the interpretation of results.

**Completed Research Support**

Merit Review Ohning (PI)

10/01/98 – 03/30/02

VA

Hormonal Regulation of Gastric Mucosal Growth

The major goals of this project were to determine the role of hormonal and paracrine acting peptides in the regulation of gastric mucosal growth and to determine the cellular signal transduction mechanisms by which these peptide growth factors induce and regulate proliferation.

Role: Dr. Ohning's role was to supervise the project and participate in the experiments outlined in the proposal.