

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Matthew J. DiMagno, M.D.	POSITION TITLE Assistant Professor Department of Internal Medicine, GI & Hepatology		
eRA COMMONS USER NAME (credential, e.g., agency login) Mdimagno			
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
Macalester College, St. Paul, MN	B.A.	06/1989	German
University of Trier, Trier, Germany	Fulbright	06/1990	German Studies
University of Minnesota, Minneapolis, MN	M.D.	06/1995	Medicine
University of Michigan, Ann Arbor, MI	Intern/Res	06/1998	Internal Medicine
University of Michigan, Ann Arbor, MI	Fellowship	06/2001	Gastroenterology

A. POSITIONS & HONORS

Positions and Employment

1986-1988 Res Asst, Diagnostic Nuclear Med, Dr. H.W Wahner (Supervisor), *Mayo Clinic*, Rochester, MN
 07/01-01/07 Lecturer, Internal Medicine, University of Michigan, Ann Arbor, MI
 01/07- Assistant Professor, Internal Medicine, University of Michigan, Ann Arbor, MI

Professional Memberships

2001-	Am Gastroenterological Association	2005-	Am Pancreatic Association
2004-	Am Society for GI Endoscopy	2006-	Michigan Gut Peptide Research Center
2004-	Am Physiological Society	2006-	Michigan Diabetes Research & Training Center

Editorial Responsibilities

09/2007- Member of the Editorial Board, *Pancreatology*
 02/2008- Faculty of 1000 Medicine, Gastroenterology Pancreas Section, www.f1000medicine.com

Manuscript Reviewer

2004-	Pancreatology	2007-	Am J of Physiol – Endocrinology & Metabolism
2005-	Pancreas	2007-	Am J of Physiol – Gastrointestinal & Liver
2006-	JOP	2008-	Hospital Practice
2007-	Case Reports in Gastroenterol	2008-	Metabolism
		2008-	American Journal of Clinical Nutrition

OTHER EXPERIENCE

11/2005 Moderator, Acute Pancreatitis Section, American Pancreatic Association Meeting, Chicago, IL
 05/2006 Moderator, Oral Abstract Session: High Risk Groups for Pancreatic Cancer: Opportunities for Improved Outcomes, DDW, Los Angeles, CA
 05/2007 Moderator, Oral Session: Inflammation and Pancreatitis (PAN04). DDW, Los Angeles, CA
 06/2009 Moderator, Oral Session: Effects of Nutrients on the Pancreas (PAN3). DDW, Chicago, ILL
 05/2006 Invited Speaker, Experimental Acute Pancreatitis, DDW Meet-the-Investigator, Los Angeles, CA
 05/2007 Invited Speaker, Modeling Chronic Pancreatitis, DDW Meet-the-Investigator, Washington, DC

Honors

02/1982 Eagle Scout
 05/1989 *Cum laude*, Macalester College, St. Paul, MN
 1989-1990 Fulbright Travel Grant. University of Trier, Germany. Scholar in German Studies
 09/01-08/03 NIH, Michigan Gut Peptide Research Center Pilot Feasibility Project: *Experimental Pancreatitis in cfr (-/-) Mice: Role of Fatty Acid Imbalances*
 01/02-12/04 NIH, NRSA Postdoctoral Fellowship: *eNOS is Protective in the Initiation of Pancreatitis*
 10/2004 Janssen REGAL Award (Research Excellence in GI & Liver), Miami, FL
 11/2006 National Pancreas Assoc, Best Abstract in Pancreatitis, *Pancreas divisum is not associated with idiopathic pancreatitis; the case against endoscopic therapy*, APA/IAP 2006, Chicago, ILL

2007-09 Elected Member of the AGA Pancreatic Disorders Nominating Committee

B. PUBLICATIONS OR MANUSCRIPTS IN PRESS (in chronological order): (Selected from 24 peer-reviewed articles, 6 book chapters, 7 electronic publications, and 23 abstracts)

Peer Reviewed Publications

1. Wahner HW, WL Dunn, M DiMagno, D Machler. Bone Mineral (BM) Measurements at the Hip by Dual Photon Absorptiometry (DPA), Precision & Performance Evaluation. Bone Mineral Measurement by Photon Absorptiometry, 179-188, 1988, Leuven U. Press.
2. Bleske BE, H Chung, M DiMagno, and JM Nicklas, *Diurnal Variation in Plasma Norepinephrine in Patients with Heart Failure*. Pharmacotherapy, 1999, 19(8):984-8.
3. DiMagno MJ, EP DiMagno. *Chronic pancreatitis*. Cur Opin Gastro. 2003, 19(5): 451-457.
4. Sans MD, MJ DiMagno, LG D'Alecy, JA Williams. *Caerulein-induced acute pancreatitis inhibits protein synthesis in mouse pancreas by inhibiting EIF2B activity*. Am J Gastrointest & Liv Physiol. 2003, 285(3):G517-G528.
5. DiMagno MJ, EP DiMagno. *Chronic pancreatitis*. Cur Opin Gastro. 2004, 20(5):444-451.
6. DiMagno MJ, Y Hao, Y Tsunoda, JA Williams, C Owyang. Secretagogue stimulated pancreatic secretion is differentially regulated by constitutive nitric oxide synthase isoforms in mice. Am J Gastrointest & Liv Physiol. 2004, 286(3):G428-36.
7. DiMagno MJ, JA Williams, Y Hao, SA Ernst, C Owyang. *eNOS is protective in the initiation of experimental acute pancreatitis in mice*. Am J Physiol Gastrointest & Liv Physiol. 2004, 287:G80-G87.
8. Kubisch C, MJ DiMagno, AB Tietz, MJ Welsh, SA Ernst, B Brandt-Nedelev, J Diebold, ACC Wagner, B Goeke, JA Williams, C Schaefer. *Overexpression of heat shock protein Hsp-27 protects against cerulein-induced pancreatitis*. Gastroenterology. 2004, 127(1):275-286.
9. Higgins PDR, RK Umar, JR Walker, MJ DiMagno. *Massive lower gastrointestinal bleeding after rejection of pancreatic transplants*. Nat Clin Pract Gastro & Hepatol. 2005, 2(5):240-244.
10. DiMagno MJ, EP DiMagno. *Chronic pancreatitis*. Cur Opin Gastro. 2005, 21(5):544-554.
11. DiMagno MJ, SH Lee, Y Hao, SY Zhou, BJ McKenna, C Owyang. *A proinflammatory, anti-apoptotic phenotype underlies the susceptibility to acute pancreatitis in UNC cfr (-/-) mice*. Gastroenterology. 2005, 129(2):665-681.
12. DiMagno MJ, EP DiMagno. *Chronic pancreatitis*. Cur Opin Gastro. 2006, 22(5):487-497.
13. DiMagno MJ, EP DiMagno. *Idiopathic Pancreatitis (IP) in Patients with Pancreas Divisum (PD) and Normal Ducts: The Case against Endoscopic Therapy*. Pancreas. 2007, 34(1):6-25.
14. DiMagno MJ, RW Van Dyke. *Cirrhosis, spontaneous venous thromboses and splenic gas gangrene*. Clin Gastro & Hepatol. 2007, 5:e14.
15. Reddy RC, Y Hao, SH Lee, C Owyang, MJ DiMagno. *Pioglitazone reverses insulin resistance and impaired CCK stimulated pancreatic secretion in eNOS (-/-) mice. Therapy for exocrine pancreatic disorders?* Am J Gastrointest & Liv Physiol. 2007, 293(1):G112-20.
16. DiMagno MJ, EP DiMagno. *New advances in acute pancreatitis*. Current Opinion in Gastroenterology. 2007, 23(5):494-501.
17. DiMagno MJ *Nitric-oxide pathways and evidence based perturbations in acute pancreatitis*. Pancreatology. 2007, 403-408.
18. Shieh FK, DiMagno MJ. *Abdominal wall pain and crepitus in Marfan's syndrome caused by subcutaneous air*. Clinical Gastroenterology and Hepatology. 2008, 6(2):A24.
19. Turgeon DK, D Brenner, RKJ Brown, MJ DiMagno. *Possible role of Meckel's scan fused with SPECT CT imaging. Unraveling the cause of abdominal pain & obscure-overt GI bleeding. Case Reports in Gastroenterology*. 2008, 2:83-90 (DOI:10.1159/000119642).
20. Waljee AK, MJ DiMagno, PS Schoenfeld, BU Wu, DL Conwell. *Systematic review: Pancreatic enzyme treatment for malabsorption associated with chronic pancreatitis*. Alimentary Pharmacology & Therapeutics. 2009, 29(3):235-46. PMC Journal – In Process
21. DeBenedet AT, TE Raghunathan, J Wing, EJ Wamsteker, MJ DiMagno. *Current alcohol use & former cigarette smoking as risk factors for post-ERCP pancreatitis*. Clin Gastro & Hepatol. 2009, 7(3):353-58. PMC Journal – In Process
22. DiMagno MJ, EP DiMagno. *Chronic pancreatitis*. Cur Opin Gastro. 2009, 25(5):454-9.
23. DeBenedet AT, EJ Wamsteker, MJ DiMagno. *New advances in acute pancreatitis*. F1000 Medicine Reports 2009, 1:59.

24. Williams JA, MJ DiMagno. *Can too much acid sour your pancreas?* Gastroenterology. 137(3):779-82, 2009.

C. Research Support.

Ongoing Research Support

K08 DK073298-01 DiMagno (PI) 07/01/06-6/30/11

NIH, KO8 Mentored Clinical Scientist Development Award

Inflammatory response to pancreatitis in CF mice: sodium & impaired apoptosis

This study uses an experimental model to investigate the pathogenic mechanisms for recurrent acute pancreatitis observed in humans with CFTR gene mutations.

Role: PI

3K08 DK073298-04W1 DiMagno (PI) 08/17/09-6/30/10

NIH, KO8 Mentored Clinical Scientist Development Award

Recovery Act Administrative Supplement

Inflammatory response to pancreatitis in CF mice: sodium & impaired apoptosis

Role: PI

1R21 AA017271-01 DiMagno (PI) 07/01/08-6/30/10

NIH, Exploratory/Developmental Research Grant Program (Parent R21; PA-06-181)

Pioglitazone Therapy for Endocrine and Exocrine Disease in Alcoholic Pancreatitis

This study tests the hypothesis that pioglitazone, by improving endocrine dysfunction, will improve pancreatic exocrine function and structure and quality of life and reduce pain.

Role: PI

MICHR DiMagno (PI) 11/01/08-10/30/10

Michigan Institute for Clinical and Health Research (MICHR) See Award

Pioglitazone Therapy for Endocrine and Exocrine Disease in Alcoholic Pancreatitis

This study tests the hypothesis that pioglitazone, by improving endocrine dysfunction, will improve pancreatic exocrine function and structure and quality of life and reduce pain.

Role: PI

Completed Research Support

F32 DK60416-02 DiMagno (PI) 01/01/02-12/31/04

NIH, NRSA Postdoctoral Fellowship

eNOS is Protective in the Initiation of Pancreatitis

This study tested the hypothesis that eNOS-derived nitric oxide indirectly inhibits the initiation of acute pancreatitis by enhancing pancreatic microvascular perfusion.

Role: PI