

## CURRICULUM VITAE

**Date Prepared:** April 2023

**Name:** GREGORY Y. LAUWERS, M.D.

**Office Address:** Department of Anatomic Pathology  
H. Lee Moffitt Cancer Center,  
Department of Anatomic Pathology,  
12902 USF Magnolia Drive, MCC Lab,  
Tampa, FL, 33612-9416

**Home Address:** 910 Pinellas Bayway S, Apt# 204  
Tierra Verde, FL 33715, USA

**Work Phone:** (813) 745-8283

**Work E-Mail:** Gregory.Lauwers@moffitt.org

**Place of Birth:** Paris, France

### Education

06/1977	Baccalauréat	Physique et Biologie	Lycée Charlemagne, Paris, France
08/1980	Certificate	English as a Second Language	Harvard Summer School, Cambridge, MA
12/1986	Medical Doctor	[presentation of thesis]	University of Paris VII, France C.H.U. Lariboisière - Saint Louis

### Postdoctoral Training

07/1983-08/1985	Interne, Service de Gastroenterologie	Meaux Hospital, University of Paris, France
09/1985-01/1986	Observer	LSU Medical Center, Lafayette, LA
07/1987-06/1990	Resident in Surgical Pathology (Chief Resident, 1989-1990)	Lenox Hill Hospital, New York, NY
07/1990-06/1992	Fellow in Oncologic Pathology (Chief Fellow, 1991-1992)	Memorial Sloan-Kettering Cancer Center, New York, NY

### Faculty Academic Appointments

07/1992-06/1993	Instructor	Department of Pathology, Memorial Sloan-Kettering Cancer Center
07/1993-06/1998	Assistant Professor	Division of Anatomic Pathology, Dept. of Pathology, University of Florida
07/1996-06/1998	Joint Assistant Professor	Division of Gastroenterology, Dept. of Medicine, University of Florida
07/1998-08/2000	Associate Professor	Division of Anatomic Pathology, Dept. of Pathology, University of Florida
07/1998-08/2000	Joint Associate Professor	Division of Gastroenterology, Department of Medicine, University of Florida

09/2000-11/2010	Associate Professor of Pathology	Dept. of Pathology, Harvard Medical School
02/2005-04/2015	Adjunct Professor of Pathology	Department of Pathology, Saitama Medical School, Saitama, Japan
12/2010-6/2016	Professor of Pathology	Dept. of Pathology, Harvard Medical School
6/2013-2018	Clinical Professor	School of Pathology and Laboratory Medicine, Univ. of Western Australia
2014- 2016	Adjunct Professor	Pusan National University School of Medicine, Pusan, Korea
06/2016-12/2016	Professor of Pathology	Department of Pathology, UCSF, CA
01/2017-now	Professor of Oncologic Sciences, Pathology and Cell Biology	Morsani College of Medicine, University of South Florida, Tampa, FL.

### **Appointments at Hospitals/Affiliated Institutions**

07/1993-09/2000	Attending Pathologist	Department of Pathology Shands Hospital at the University of Florida, Gainesville, FL
07/1993-09/2000	Consultant Pathologist	Department of Pathology Gainesville VA Medical Center, Gainesville, FL
07/1994-09/2000	Consultant Pathologist	Department of Pathology Shands Hospital at AGH, Gainesville, FL
09/2000-08/2012	Associate Pathologist	Department of Pathology Massachusetts General Hospital, Boston, MA
09/2000-06/2016	Director	Gastrointestinal Pathology Service, Department of Pathology Massachusetts General Hospital, Boston, MA
11/2004-06/2016	Associate Member	Dana-Farber Cancer Institute, Boston, MA
08/2012-6/2016	Pathologist	Department of Pathology, Massachusetts General Hospital, Boston, MA
06/2016-12/2016	Pathologist	Department of Pathology, University of California San Francisco, CA
01/2017-now	Senior Member	Department of Anatomic Pathology, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL

### **Other Professional Positions**

1992-1997	Consultant Pathologist	IMPATH Laboratories Inc., Biotech Division, New York, NY
2008-2010	Investigator	Mauna Kea Technologies, Paris, France
2012-2013	Consultant	Dako Denmark A/S, Glostrup, Denmark
2011-2013	Consultant	RedPath Integrated Pathology, Pittsburgh, PA
2012-2016	Consultant	NinePoint Medical, Inc., Cambridge, MA
2012-2013	Consultant	Biogen Idec, Cambridge, MA
2013	Consultant	Vertex Pharmaceuticals, Cambridge, MA
2013-2014	Investigator	Orion Clinical Services, Slough, UK
2015-	Co-Investigator	Robarts Clinical Trials, London, ON, Canada

## Major Administrative Leadership Positions

### Local

1996-1998	Coordinator	Anatomic Pathology Operations Group Shands Health System
1996-2000	Director	Gastrointestinal and ENT Pathology Unit Department of Pathology, Division of Surgical Pathology, University of Florida
1997-2000	Associate Medical Director	Histology Services, Shands Laboratories Shands Hospital at the University of Florida
1998-2000	Director	Division of Surgical Pathology Department of Pathology, University of Florida
1999-2000	Director	Gastrointestinal Pathology Fellowship Department of Pathology, University of Florida
2000-2006	Co-Director	Massachusetts General Hospital Tumor Bank
2006-2008	Co-Director	Division of Surgical Pathology, Department of Pathology Massachusetts General Hospital, Boston
06/2001-2016	Director	GI Pathology Fellowship, Department of Pathology Massachusetts General Hospital, Boston
05/2001-2016	Co-Director	Gastrointestinal, Liver and Pancreatic Pathology Course Department of Continuing Education Harvard Medical School, Boston
2006-2011	Director	Massachusetts General Hospital Tumor Registry
04/2008-01/2011	Director	Division of Surgical Pathology, Department of Pathology Massachusetts General Hospital, Boston
05/2010-2016	Co-Director	Current Concepts in Surgical Pathology Course Department of Continuing Education Harvard Medical School, Boston
02/2011-06/2016	Vice Chair	Department of Pathology, Massachusetts General Hospital
03/2019-present	Section Chief	Gastrointestinal Pathology Section, Moffitt Cancer Center

## Committee Service

### Local

1993-1995	Executive Planning Committee	Member	Cancer Center, University of Florida
1994-1997	Advisory Committee	Member	Tissue Resource Center University of Florida
1994-1998	Surgical Case Review Committee	Member	Shands Hospital at the University of Florida
1994-2000	Cancer Committee	Member	Shands Hospital at the University of Florida
1994-1995	Operations Committees Diagnostic Referral Laboratories	Member	Department of Pathology University of Florida
1994-1995	Executive Committee Diagnostic Referral Laboratories	Member	Department of Pathology University of Florida
1996-1997	Surgical/Cytopathology Fellowship Committee	Member	Department of Pathology University of Florida
1996-1998	Operating Room Committee	Member	Shands Hospital at the

1998-2000	Executive Committee	Member	University of Florida Department of Pathology
2001-2014	Clinical/Tissue Core, Center	Co-Director	University of Florida Massachusetts General Hospital Center for the Study of Inflammatory Bowel Disease
2003-2016	Quality Assurance Committee	Member	Department of Pathology Massachusetts General Hospital
<u>National</u>			
1998-2000	Educational Committee	Member	Gastrointestinal Pathology Society (Companion Society of USCAP)
1999- Present	Pathology Committee	Member	American College of Radiology Imaging Network
1999-2003	Commission on Cancer	Member	Study of Gastric Cancer Patient Care Evaluation, American College of Surgeons
2000-2003	Educational Committee	Chairperson	Gastrointestinal Pathology Society
2001-2002	AJCC Staging Committee	Member	Digestive Cancers Task Force, American Joint Committee on Cancer, Cancer Staging Manual 2001-2002, 6th Ed.
2002-2004	Abstracts Review Board GI Pathology	Member	United States and Canadian Academy of Pathology
2007-2008	AJCC Staging Committee	Member	Digestive Cancers Task Force, American Joint Committee on Cancer, Cancer Staging Manual 2007-2008, 7th Ed.
2008-2010	U.S. and Canadian Academy of Pathology	Member	Benjamin Castleman Award Committee
2010	International Agency for Research on Cancer	Member	Editorial and Consensus Working Group, WHO Classification of Tumours Series, 4th Ed.
2012-2015	U.S. and Canadian Academy of Pathology	Member	Publications Committee
2014-2016	College of American Pathologists	Member	Committee on In Vivo Microscopy

### Professional Societies

1987-	U.S. and Canadian Academy of Pathology	Member
1991-	Rodger C. Haggitt Gastrointestinal Pathology Society	Member
2003-2004		Vice-president
2004-2005		President-elect
2005-2006		President
1993-2000	Alachua County Medical Society	Member
1995-	International Gastric Cancer Association	Member
1997-2016	American Gastroenterological Association	Member
1998-2012	GI Pathology Study Group	Member
2000-2010	American Association for the Study of Liver Diseases	Member
2013-2018	International Association of Surgeons, Gastroenterologists and Oncologists	Member, Oncology Faculty Board

2019-                      Australasian Gastrointestinal Pathology Society                      Member

## Editorial Activities

### Ad hoc Reviewer

1993-                      *Cancer*  
 1995-                      *International Journal of Cancer*  
 1995-                      *American Journal of Gastroenterology*  
 1997-                      *Gastrointestinal Endoscopy*  
 1998-                      *The American Journal of Pathology*  
 1998-                      *British Journal of Cancer*  
 1999-                      *Gastroenterology*  
 2001-                      *European Journal of Gastroenterology & Hepatology*  
 2002-                      *Surgery*  
 2002-                      *Journal of Hepatology*  
 2003-                      *Modern Pathology*  
 2005-                      *American Journal of Surgical Pathology*  
 2016-                      *Virchows Archives of Pathology*

### Other Editorial Roles

1994-1997	Coordinating Editor	<i>University of Florida GI Cancer Letter</i>
2001-2013	Editorial Board	<i>American Journal of Clinical Pathology</i>
2005-2006	Associate Editor	<i>Archives of Pathology and Laboratory Medicine</i>
2006-2021	Deputy Editor in Chief	<i>Archives of Pathology and Laboratory Medicine</i>
2006-	Editorial Board	<i>American Journal of Surgical Pathology</i>
2007-2020	Editorial Board	<i>Modern Pathology</i>
2009-2016	Advisory Board	<i>Advances at the Mass General Cancer Center</i>
2013-	Advisory Board	<i>International Journal of Surgical Pathology</i>
2013-2015	Editorial Board, Cancer Research and Genomics section	<i>Hepatogastroenterology</i>
2014-	Editor for Pathology	<i>Gastrointestinal Endoscopy</i>
2015	Guest Editor, Annual Review Issue: Intestinal Pathology	<i>Histopathology</i>
2017	Guest Editor Virchows Archives of Pathology Annual Review Issue - Intestinal Pathology	
2018	Editorial Board	Histopathology
2018	Editorial Board	Human Pathology

## Honors and Prizes

1997-1998      Residents' Faculty Recognition Award for Outstanding Contributions to the Residency Program, Department of Pathology, University of Florida  
 2010              A.M. Honoris Causa, Harvard University, Cambridge, MA

2014 Partners in Excellence Award, Partners Healthcare, Boston, MA  
 2019 Honorary Fellow of Australasian Gastrointestinal Pathology Society

## **Report of Funded and Unfunded Projects**

### **Funding Information**

#### Past

1994	PI	University of Florida Cancer Center	Development of UF GI cancer letter \$5,000.00
1995	PI	University of Florida Cancer Center	Development of UF GI cancer letter \$5,000.00
1995	PI	University of Florida Department of Sponsored Research	Biologic dissection of dysplasia in stomach and Barrett's esophagus
1997	co-PI	Schering-Plough	Intron A (interferon $\beta$ -2b) plus ribavirin versus placebo in early post- transplantation treatment in patients transplanted for hepatitis C liver disease
2000-2005	co-investigator	NIH-DHHS	Center for the Study of Inflammatory Bowel Disease (CSIBD) 5P30-DK4331-13
2003-2005	co-investigator	NIH	Angiogenic Profile of Rectal Cancer R21CA099237
2003-2008	co-investigator	NIH	Improving Screening and Surveillance in Barrett's Patients R01 CA 103769
2006-2008	co-investigator	NIH/NCI	Phase I Clinical Trial of Viral Oncolysis of Liver Tumors R21 CA119600-01
2006-2008	co-investigator	Almac Diagnostics	Clinical Cancer Biomarker Discovery
2004-2009	co-investigator	NIH	Molecular Epidemiology of Esophageal Cancer Prognosis R01 CA109193-01
2006-2010	co-investigator	NIH/NIDDK	Center for Studies in Inflammatory Bowel Disease - Core B – Clinical Tissue Core SP30 DK043351-18
2008-2013	co-investigator	NIH/NIEHS	Production Sequencing of Reference Human Genomes U01ES017155
2011-2015	co-investigator	NIH/NIDDK	Core F Clinical Tissue Core P30DK043351
2014-2015	co-investigator	Biogen Idec	Histological Analysis of GI Biopsies Before and After Oral Dimethy

Fumarate Exposure  
109HV110

Current

2011-2016	co-investigator	NIH-NIDDK	Transnasal Probe for Diagnosing Eosinophilic Esophagitis 5R01DK091923-03
2011-2017	co-investigator	NIH-NCI	Integrative Pathophysiology of Solid Tumors (Project 3) 5P01CA080124-12
2014-2017	PI	Cosmo Technologies, Ltd.	The safety and efficacy of Methylene Blue MMX modified release tablets administered to subjects undergoing screening or surveillance colonoscopy CB 17 01 06
2014-2019	co-investigator	NIH	Natural History of Barrett's Esophagus Using Capsule Endomicroscopy 5R01CA184102-02
2014-2018	co-investigator	American Cancer Society	Cancer Screening in the Right Colon: Strategies that Offer Protection RSG-15-002-01-CCE
2014-2019	co-investigator	NIH	Genetics of Sessile Serrated Polyps 1K23DK103119-01
2015-2017	co-investigator	NinePoint Medical, Inc.	VLE Atlas Development
2015-2017	investigator	Robarts Clinical Trials, Inc.	Responsiveness of Histologic Evaluation of Ulcerative Colitis Using a Central Reader Based Image Management System RP1403
2015-2020	co-investigator	NIH-NCI	Optimizing Screening and Surveillance for Esophageal Cancer R01CA183898-01A1

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

#### University of Florida Medical School

1993-1999 Course #5600, fall semester: Systemic pathology, GI pathology section

Lecturer (full class presentation) to second year medical students

4 one-hour lectures and 6 one-hour laboratories, for a total of 10 hours of teaching per academic year

#### University of Florida Dental School

1997-2000 Course #6153, spring semester: Systemic pathology, GI pathology section  
Lecturer (full class presentation) to second year dental students  
3 one-hour lectures per year

#### Harvard Medical School

2002-2006 HMS II, Human Systems Course: Lower gastrointestinal pathology  
Lecturer to approximately 35 second year medical students  
1 two-hour lecture per year

### **Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

#### University of Florida Medical School

1993-2000

Series of didactic lectures covering crucial aspects of GI pathology and given over a two-year schedule  
Pathology residents  
6 hours of lectures per year; 6 hours per year preparation time

1993-2000

Slide seminars at the multiheaded microscope with review of challenging gastrointestinal cases  
Pathology residents  
1 hour per week, about 30 hours per year; no preparation

1993-2000

Series of didactic lectures covering crucial aspects of gastrointestinal pathology to improve the understanding of microscopic pathology and to be given over a two-year schedule  
Clinical GI fellows  
4 hours of lectures per year; 4 hours per year preparation time

### **Clinical Supervisory and Training Responsibilities**

1993-	Teaching of residents	Ongoing throughout the year
2002-	Teaching of Gastrointestinal Pathology Fellows	Ongoing throughout the year

### **Formally Supervised Trainees**

#### International Trainees

January-July 1995	O. Kandemir, M.D.	Erciyes University, Kayseri, Turkey
October 1999-January 2000	Y.F. Lo, M.D.	Caritas Medical Centre, Hong Kong
October 1999-January 2000	K. Kanehira, M.D.	Kyoto University, Kyoto, Japan
July-September 2001	C. Richards, MRCPPath	Univ. Hospitals of Leicester University, U.K.
May-June 2002	I. Michaelides, M.D.	Nicosia General Hospital, Nicosia, Cyprus
July 2002-July 2003	S. Ban, M.D.	Saitama Medical School, Saitama, Japan
January 2003-March 2004	S. Tomita M.D.	Dokkyo University School of Medicine, Tochigi, Japan
October 2004-March 2005	M. Ohana, M.D.	Kyoto University, Kyoto, Japan



July 2005-June 2007	D.-Y. Park, M.D., Ph.D	Pusan University, Pusan, South Korea
September-December 2007	E. Gonzalez Obeso, M.D., Ph.D.	Hospital Universitario La Paz, Spain
October 2007-Nov. 2008	F. Ogawa, M.D.	Saitama Medical University, Saitama, Japan
September-November 2008	M. Genevay, M.D.	Université de Genève, Geneva, Switzerland
December 2008-Jan. 2009	D.-H. Shin, M.D.	Pusan University, Pusan, South Korea
March-May 2009	A. Piottante, M.D.	Clinica Las Condes, Santiago, Chile
April 2009-June 2010	H. Fujita, M.D.	Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan
August 2009-Sept. 2009	M. Fabian, BSc.	Wales College of Medicine, Cardiff University, Cardiff, Wales
April-May 2010	R. Ganguly, M.D.	The Mission Hospital, Durgapur, India
March 2010-February 2011	H.-S. Han, M.D.	Konkuk University School of Medicine, Seoul, Korea
August 2010-January 2011	P. Kelly, MB BCH BAO	Royal Victoria Hospital, Belfast, U.K.
August 2010-July 2011	E. Alfaro-Alcocer, M.D.	Hospital Mexico, San Jose, Costa Rica
November 2010- Nov. 2011	Y. Li, M.D.	Peking University Medical Center Hospital, Peking, China
December 2010-Jan. 2012	T. S. Khor, M.D.	The University of Western Australia, Nedlands, Australia
December 2011-Nov. 2012	W.-Y. Liang, M.D.	Taipei Veterans General Hospital, Taiwan
April 2012-March 2013	T. Ushiku, M.D., Ph.D.	Tokyo University Hospital, Japan
July 2012-June 2013	A. T. Arnason, M.D.	Dalhousie University, Halifax, NS, Canada
October 2012-Dec. 2012	K. Nagata, M.D.	Saitama Medical University, Saitama, Japan
December 2012	M. Sanei, M.D.	Isfahan University School of Medicine Isfahan, Iran
September 2013	S.-E. Lee, M.D.	Sunkyunkwan University School of Medicine Seoul, Korea
February 2014	S. Yu, M.D.	Peking University Medical Center Hospital, Peking, China
February 2014	S. Almeida, M.D.	Hospital General de México Mexico City, Mexico
June 2015-August 2015	J. Fan, M.D.	Shanghai Medical College, Fudan University, Shanghai, China
September 2017-June 2018	Till S. Clauditz	University of Hamburg, Germany
September 2018- Dec 2018	Daniela Pereira	Instituto Portugues De Oncologia De Lisboa Lisbon, Portugal
June 2019-August	Michelle, Moore	University of Belfast, Northern Ireland
September-November 2019	Orhun Taskin	Koc University Hospital Istanbul, Turkey
December 2019-now	Bence Kovari.	University of Szeged, Hungary
<u>Pathology Fellows</u>		
July 2001-June 2002	Massimo d'Apuzzo, M.D.	Stanford University, Palo Alto, CA
July 2002-June 2003	Mari Mino, M.D.	Massachusetts General Hospital, Boston
July 2005-June 2006	Amitabh Srivastava, M.D.	Dartmouth-Hitchcock Medical Center, Lebanon, NH, 2006-2011 Brigham and Women's Hospital, Boston, MA, 2011-

July 2006-June 2007	Alireza Sepehr, M.D.	Beth Israel Deaconess Medical Center, Boston, MA
July 2007-June 2008	Jey-Hsin Chen, M.D.,PhD.	CellNetix Pathology, Seattle, WA
July 2008-June 2009	Mikhail Lisovsky, M.D.	Dartmouth-Hitchcock Medical Center, Lebanon, NH
July 2009-June 2011	Jochen Lennerz, M.D., Ph.D.	Massachusetts General Hospital, Boston, MA
July 2012-September 2013	Michal Kamionek, M.D.	Carolinas Pathology Group, Charlotte, NC
July 2013-June 2014	Catherine Hagen, M.D.	Dartmouth-Hitchcock Medical Center, Lebanon, NH
July 2014-June 2015	Michelle X. Yang, M.D.	UMass Medical Center, Worcester, MA
July 2014-June 2015	Namrata Setia, M.D.	University of Chicago, Illinois
July 2015-June 2016	Jamie Everett, M.D.	University of Texas Health Science Center, Houston, TX
July 2016-Jan 2017	Kwun Wen, M.D.	University of California, San Francisco
Jan 2017- June 2017	Samir Al-Diffalha, M.D.	University of Alabama, Birmingham, Alabama
July 2018-June 2019	Mohammad Shahid, M.D.	Private Practice, Albuquerque New Mexico
July 2019-June 2020	Archi Patel, M.D.	Private Practice, Florida
July 2020-June 2021	Yingtao Zhang, M.D., Ph. D	Tulane University, New Orleans, LA
July 2021-June 2022	Zhiang Fu, M.D., Ph. D	Louisiana State University, New Orleans, LA

### **Formal Teaching of Peers (e.g., CME and other continuing education courses)**

#### Continuing Medical Education Courses

1990 "Dysplasia in inflammatory bowel disease, a major diagnostic challenge," 5th Course, Inflammatory Bowel Disease: Experience and Controversy. Lenox Hill Hospital, New York, NY.

1991 "Gastrointestinal autonomic nerve tumor," Anatomic Pathology Slide Seminar, XVI Annual Memorial Hospital Alumni Society Meeting, New York, NY.

1992 "Rare lesions of the gastrointestinal tract," Surgical Pathology of Neoplastic Diseases Course. Memorial Sloan-Kettering Cancer Center, New York, NY.

1992 "Duodenal gangliocytic paraganglioma," Anatomic Pathology Slide Seminar, XVII Annual Memorial Hospital Alumni Society Meeting, New York, NY.

1993 "Characterization of upper GI lesions," Surgical Pathology of Neoplastic Diseases Course. Memorial Sloan-Kettering Cancer Center, New York, NY.

2000 "Liver biopsy interpretation, emphasizing commonly encountered problems in daily practice." Current Concepts in Surgical Pathology. 22nd Annual Course (MGH Course, Boston, MA).

2000 "Colitis: An algorithmic approach emphasizing new entities." Current concepts in Surgical Pathology. 22nd Annual Course (MGH Course, Boston, MA).

2001 "Interpreting Esophageal and Gastric Biopsies." Combined BWH, BID, & MGH Comprehensive Review of Gastroenterology Course, Boston, MA.

- 2001 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2001 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.
- 2001 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2001 "Solitary liver masses: benign and malignant." Current concepts in Surgical Pathology. 22nd Annual course (MGH Course, Boston, MA).
- 2002 "Interpreting esophageal and gastric biopsies." Combined BWH, BID, & MGH Comprehensive Review of Gastroenterology Course, Boston, MA.
- 2002 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2002 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.
- 2002 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2002 "Solitary liver masses: benign and malignant." Current Concepts in Surgical Pathology, 24th Annual Course. Harvard Medical School and MGH Course, Boston, MA.
- 2002 "Colitides: an algorithmic approach to the diagnosis." Current Concepts in Surgical Pathology, 24th Annual Course. Harvard Medical School and MGH Course, Boston, MA.
- 2003 "Interpreting esophageal and gastric biopsies." Combined BWH, BID, & MGH Comprehensive Review of Gastroenterology. Course, Boston, MA.
- 2003 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2003 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.
- 2003 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2003 "Colitis: An algorithmic approach emphasizing new entities." Current Concepts in Surgical Pathology. 25th Annual Course. Harvard Medical School and MGH Course, Boston, MA.
- 2003 "Polypoid lesions of the stomach." Current Concepts in Surgical Pathology. 25th Annual Course. Harvard Medical School and MGH Course, Boston, MA.

- 2003 "A practical approach to the diagnosis of colitis." Current Concepts in Surgical Pathology. 25th Annual Course. Harvard Medical School and MGH Course, Boston, MA.
- 2004 "Inflammatory bowel disease: criteria for diagnosis including dysplasia." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL.
- 2004 "Colitis other than inflammatory bowel disease." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL.
- 2004 "Gastric pathology emphasizing gastritis, polyps, and their complications." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL.
- 2004 "The solitary liver mass: problems in interpretation." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL.
- 2004 "Interpreting esophageal and gastric biopsies." Combined BWH, BID, & MGH Comprehensive Review of Gastroenterology Course, Boston, MA.
- 2004 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2004 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.
- 2004 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2005 "Polyps, cancer arising in them, and nomenclature of colorectal neoplasia." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Scottsdale, AZ.
- 2005 "Gastric pathology emphasizing gastritis, polyps and their complications." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Scottsdale, AZ.
- 2005 "Inflammatory bowel disease: criteria for diagnosis including dysplasia." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Scottsdale, AZ.
- 2005 "Assessment of the solitary liver mass." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Scottsdale, AZ.
- 2005 "Colitis other than inflammatory bowel disease." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Scottsdale, AZ.
- 2005 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.
- 2005 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2005 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.

2005 "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2006 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.

2006 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2006 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.

2007 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.

2007 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2007 "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.

2008 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA.

2008 "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2008 "Non-IBD colitis." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2008 "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2009 "Pathology of early gastric neoplasms – evolving concepts and clinical implications." GI Cancer Program Research Seminar Series, M.D. Anderson Cancer Center, Houston, TX.

2009 "Inflammatory bowel disease: histologic controversies and solutions." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Ft. Myers, FL.

2009 "Other forms of colitis: survey of their broad spectrum." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Ft. Myers, FL.

2009 "Gastritis and gastropathies, other than H. pylori gastritis." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Ft. Myers, FL.

2009 "Gastric tumors: An update." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Ft. Myers, FL.

2009 "Biopsy diagnosis of inflammatory diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2009 "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2009 "Non-IBD colitis." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2009 "Gastrointestinal manifestations of systemic disorders." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2009 "Update on colon cancer." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2009 "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA.

2010 "Non H. pylori gastritis: extending our horizons." The McKee Cytology Seminar and Pratt-Thomas Surgical Pathology Symposium in Gastrointestinal & Hepatic Pathology Course. Medical University of South Carolina, Kiawah Island, SC.

2010 "Gastric bumps and lumps: an update." The McKee Cytology Seminar and Pratt-Thomas Surgical Pathology Symposium in Gastrointestinal & Hepatic Pathology Course. Medical University of South Carolina, Kiawah Island, SC.

2010 "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2010 "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2010 "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2010 "Update on colon cancer and pathologic staging." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2010 "Biopsy diagnosis of colitis: challenges and solutions." College of American Pathologists 2010 annual meeting. Chicago, Illinois.

2010 "Non-HP gastritis and gastric polyps: a practical review." College of American Pathologists 2010 annual meeting. Chicago, Illinois.

- 2010 "Dysplasia in the GI tract: Evolving concepts." Current Concepts in Surgical Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2010 "Iatrogenic and drug induced pathology of the GI tract." Current Concepts in Surgical Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Dysplastic Barrett's esophagus: old hobgoblins, new gremlins." Pathology of Neoplastic Diseases. Memorial Sloan-Kettering Cancer Center, New York, NY.
- 2011 "Early gastric neoplasms: what you need to spot and what to do about it." Pathology of Neoplastic Diseases. Memorial Sloan-Kettering Cancer Center, New York, NY.
- 2011 "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Autoimmune pathology of the GI tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Dysplasia in the GI tract: Evolving concepts." Current Concepts in Surgical Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Iatrogenic and drug induced pathology of the GI tract." Current Concepts in Surgical Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2011 "Biopsy diagnosis of colitis: challenges and solutions." College of American Pathologists 2011 annual meeting. Dallas, TX.
- 2011 "Non-HP gastritis and gastric polyps: a practical review." College of American Pathologists 2011 annual meeting. Dallas, TX.
- 2012 "Colitis: diagnostic problems in biopsy specimens." Surgical Pathology for the Practicing Pathologist. Harvard Medical School and MGH course, Ft. Myers, FL.
- 2012 "Update in gastric pathology: selected novel entities." Surgical Pathology for the Practicing Pathologist. Harvard Medical School and MGH course, Ft. Myers, FL.
- 2012 "Gastric polyps and tumors." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology course, Chicago, IL.
- 2012 "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2012 "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2012 "Autoimmune pathology of the GI tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2012 "Evolving Trends in Gastric Cancer." Seminars in Surgical Pathology. University of Massachusetts Department of Pathology. Worcester, MA.

2012 "Dysplasias of the gastrointestinal tract: Current trends." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA.

2013 "Algorithmic approach to diagnosis of inflammatory disorders of the gastrointestinal tract." Short course. United States and Canadian Academy of Pathology. Baltimore, MD.

2013 "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2013 "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2013 "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2013 "Autoimmune pathology of the GI tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2014 "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2013 "Dysplasias of the gastrointestinal tract: Recurring issues." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA.

2014 "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2014 "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2014 "Autoimmune pathology of the GI tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2014 "Biopsy of inflammatory conditions of the stomach and duodenum: a systematic approach." 7th Annual Midwestern Conference: Update Course in Surgical Pathology. Medical College of Wisconsin Department of Pathology, Milwaukee, WI.

2014 "What's new in gastric pathology?" 7th Annual Midwestern Conference: Update Course in Surgical Pathology. Medical College of Wisconsin Department of Pathology, Milwaukee, WI.



- 2014 "Gastric epithelial neoplasms: expecting the unexpected." Current Concepts in Surgical Pathology. 36th Annual Course. Harvard Medical School and MGH Course, Boston, MA.
- 2014 "Iatrogenic pathology of the gastrointestinal tract - selected topics." Current Concepts in Surgical Pathology. 36th Annual Course. Harvard Medical School and MGH Course, Boston, MA.
- 2014 "In Vitro Microscopy of the upper gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. Massachusetts General Hospital Department of Pathology, Boston, MA.
- 2014 "In Vitro Microscopy of the lower gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. Massachusetts General Hospital Department of Pathology, Boston, MA.
- 2015 "Algorithmic approach to diagnosis of inflammatory disorders of the gastrointestinal tract." Short course. United States and Canadian Academy of Pathology. Boston, MA.
- 2015 "IVM of the upper gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. The University of Texas MD Anderson Cancer Center. Houston, TX.
- 2015 "IVM of the lower gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. The University of Texas MD Anderson Cancer Center. Houston, TX.
- 2016 "Inflammatory Pathology of the Stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2016 "Gastric Polyp and Early Gastric Neoplasia: An Update." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2016 "Biopsy Approach to Non-IBD Colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2016 "Iatrogenic Pathology of the GI Tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2016 "Introduction to Vivo Microscopy of the GI Tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2016 "Case Based Approach to Gastric Pathology." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2017 Gastric Polyp and Early Gastric Neoplasia: An Update." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.
- 2017 "Biopsy Approach to Non-IBD Colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2017 "Iatrogenic Pathology of the GI Tract." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2017 "Case Based Approach to Gastric Pathology." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2017 "Inflammatory Pathology of the Stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2018 "Algorithmic Approach to Inflammatory Disorders of the Stomach"" Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2018 " " Gastric Cancer and it Precursor Lesions: An Updated Approach to Diagnosis" Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2018 "Drug- Induced Disorders of the GI Tract" Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2019 "Algorithmic Approach to Inflammatory Disorders of the Stomach"" Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2019 " " Gastric Cancer and it Precursor Lesions: An Updated Approach to Diagnosis" Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2019 "Drug- Induced Disorders of the GI Tract" Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA.

2019 "When to Suspect and How to Diagnose Syndromic Polyps and Carcinomas of the Gastrointestinal Tract." Short course. United States and Canadian Academy of Pathology. Washington, DC.

2019 "Twists and Turns of Problematic GI Biopsy Pathology and How to Find Your Way Out!." Interactive Microscopic Course. United States and Canadian Academy of Pathology. Palm Springs, CA.

### **Local Invited Presentations**

1994 "Gastric carcinogenic sequence: an immunohistochemical analysis." University of Florida, Department of Pathology and Laboratory Medicine Faculty Seminar; Gainesville, FL.

1995 "Gastritis: a practical and updated review." Florida West Coast Association of Pathologists, Tampa, FL.

1998 "Cellular kinetics in Barrett's epithelium carcinogenic sequence: roles of apoptosis, bcl-2 protein, and cellular proliferation." Research Seminar, Division of Nephrology, Hypertension and Transplantation, University of Florida, College of Medicine, Gainesville, FL.

2000 "Familial adenomatous polyposis." University of Florida, Department of Surgery, Grand Rounds, Gainesville, FL.

- 2000 "Gastric dysplasia: Current understanding, limitations and future directions." Massachusetts General Hospital, Division of Gastroenterology Grand Rounds, Boston MA.
- 2001 "Hepatocellular Carcinoma." Brigham and Women's Hospital Pathology Department Grand Rounds, Boston, MA.
- 2001 Liver Pathology – AP/CP correlation. The Massachusetts Society of Pathologists. CME program. Newton, MA.
- 2003 "Hepatocellular Carcinoma: Diagnosis and Prognosis." Beth Israel Hospital Pathology Department Grand Rounds, Boston, MA
- 2003 "Esophageal and Gastric Biopsy Interpretation" Meet-the-Professor session. Harvard Medical School Comprehensive Review of Gastroenterology, Boston, MA.
- 2003 "HCC: Diagnosis and Prognosis." Massachusetts General Hospital Division of Gastroenterology, Grand Rounds, Boston, MA.
- 2007 "Autoimmune pancreatitis: an update." Department of Pathology, Brigham and Women's Hospital. Surgical Pathology Update Series, Boston, MA.

## **Report of Regional, National, and International Invited Teaching and Presentations**

### **Regional**

- 1999 "When it is neither ulcerative colitis nor Crohn's disease, what can it be? A practical differential diagnosis of colitides." Guest speaker. Continuing medical education to practicing pathologists and trainees. Orlando, FL. Florida Society of Pathologists, 25th Annual Anatomic Pathology Conference.
- 1999 "Diagnostic challenges in medical liver pathology: a review of the most commonly referred cases." Guest speaker. Continuing medical education to practicing pathologists and trainees. Orlando, FL. Florida Society of Pathologists, 25th Annual Anatomic Pathology Conference.
- 2003 "From H. pylori gastritis to gastric cancer: the role of surgical pathologists." Guest speaker. Continuing medical education to local pathologists, gastroenterologists, and oncologic surgeons. Springfield, MA. Update in Diagnostic Pathology and Medicine Series. Baystate Medical Center
- 2005 "Inflammatory Bowel Disease: Current Diagnostic Issues Including Assessment and Management of Pre-neoplastic Lesions" Guest speaker. Continuing medical education to local pathologists of

Commonwealth of Massachusetts. Waltham, MA. Massachusetts Society of Pathologists, Massachusetts Medical Society.

2007 "Autoimmune Pancreatitis." Guest speaker. Grand rounds for local gastroenterology staff and trainees. Boston, MA. GI Grand Rounds, Core Curriculum Conference, Massachusetts General Hospital.

2012 "Updated and Evolving Concepts in Gastric Neoplasia." Guest speaker. Grand rounds for local gastroenterology staff and trainees. Grand Rounds, Gastrointestinal Unit, Massachusetts General Hospital, Boston, MA.

2012 "Pediatric GI Pathology." Guest speaker. Continuing medical education to local surgeons, anesthesiologists, and trainees. Pediatric Surgery - Pediatric Anesthesia Conference, Massachusetts General Hospital, Boston, MA.

2014 "Spotlight on Gastric Cancer." Guest speaker. Educational panel for Board of Directors of No Stomach for Cancer. Annual meeting, Devens, MA.

### National

1992 "Unusual tumors of the gastrointestinal tract." Guest speaker to local pathologists, clinicians, and surgeons. San Diego, CA. University of California at San Diego.

1992 "Rare tumors of the gastrointestinal tract." Guest speaker to local pathologists, clinicians, and surgeons. Pittsburgh, PA. Presbyterian University Hospital.

1995 "Role of bcl-2 protein in gastric carcinogenesis." Guest speaker to local pathologists, clinicians, and surgeons. Pittsburgh, PA. Institute of Pathology, Shadyside Hospital.

1996 "Gastric pathology: an updated review and practical approach to diagnosis." Guest speaker to national pathologists and trainees (with co-director Sheahan DG). Boston, MA. American Society for Clinical Pathology.

1997 "Gastric pathology: an updated review and practical approach to diagnosis." Second presentation. Guest speaker to national pathologists and trainees (with co-director Sheahan DG). Philadelphia, PA. American Society for Clinical Pathology.

1998 ASCP Workshop: "Gastric pathology: an updated review and practical approach to diagnosis" Third presentation. Guest speaker to national pathologists and trainees. New Orleans, LA. American Society for Clinical Pathology.

1998 "Gastric dysplasia: Diagnostic discrepancies when East meets West." Guest speaker to international gastroenterologists and scientists. New Orleans, MA. Gastrointestinal Pathology Society Companion Meeting. 99th Annual Meeting of American Gastroenterological Association.

1998 "Gastric neoplasms and Helicobacter pylori: What's the connection?" Invited lecturer to local pathologists, clinicians, and surgeons. New York, NY. Lenox Hill Hospital.

- 1998 "Gastric dysplasia: Current understanding, limitations and future directions." Grand rounds guest speaker to pathologists, researchers, and gastroenterologists. Houston, TX. Pathology Grand Rounds. M.D. Anderson Cancer Center.
- 1999 "Challenges and future directions of gastric epithelial dysplasia." Guest speaker to pathologists, researchers, and gastroenterologists. Baltimore, MD. Department of Pathology, Johns Hopkins University.
- 2000 "Gastric dysplasia: Current understanding, limitations and future directions." Guest speaker to pathologists and gastroenterologists. Boston, MA. Massachusetts General Hospital.
- 2000 "Duodenal gangliocytic paraganglioma." Guest speaker to pathologists and international attendees. New Orleans, LA. United States and Canadian Academy of Pathology Gastrointestinal Pathology Evening Specialty Conference.
- 2000 "Gastric Dysplasia: Diagnosis, significance and Controversies." Guest speakers to pathologists at national meeting. San Diego, CA. Gastrointestinal Pathology Society Companion Meeting at the ASCP.
- 2001 "Focal active colitis associated with NaP bowel preparation." Guest speaker to pathologists, trainees, and international attendees. Atlanta, GA. United States and Canadian Academy of Pathology/Gastrointestinal Pathology Evening Specialty Conference.
- 2001 "Neoplastic Pathology of the Vermiform Appendix." Guest speaker to pathologists and trainees. Philadelphia, PA. Gastrointestinal Pathology Society Companion Meeting. American Society for Clinical Pathology.
- 2002 "Gastric pathology: an updated review and practical approach to diagnosis." Fourth presentation. Guest speaker to pathologists and trainees. Santa Monica, CA. American Society for Clinical Pathology.
- 2002 "Paraneoplastic Chronic Intestinal Pseudo-obstruction." Guest speaker to pathologists and international attendees. New Orleans, LA. United States and Canadian Academy of Pathology/Gastrointestinal Pathology Evening Specialty Conference.
- 2002 "Defining the Pathologic diagnosis of gastric metaplasia, atrophy, dysplasia, and adenocarcinoma." Guest speaker to gastroenterologists and pathologists. Norwalk, CT. Yale University School of Medicine/ Norwalk Hospital. Gastrointestinal Cancer Prevention.
- 2003 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Chicago, IL. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.
- 2004 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Santa Fe, NM. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.
- 2004 "Pathology of Autoimmune Pancreatitis." Guest speaker to gastroenterologists, surgeons, and pathologists. New Orleans, LA. Pancreas Club (Digestive Disease Week). Oshner Clinic.
- 2005 "Management of early neoplasms in Barrett's esophagus: pathologists' experience with novel endoscopic techniques." Guest speaker to national pathologists and trainees. Seattle, WA. Gastrointestinal Pathology Society Companion Meeting at the ASCP Annual Meeting.

2005 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Rancho Mirage, CA. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2006 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Charleston, SC. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2007 "A practical approach to the cytopathology and surgical pathology of cystic pancreatic lesions." Guest speaker to national pathologists and trainees. Las Vegas, NV. Weekend of Pathology. American Society for Clinical Pathology.

2007 "Autoimmune pancreatitis: an evolving condition." Guest speaker to local pathologists and trainees. Durham, NC. Duke University School of Medicine, Durham, NC.

2007 "Modern endoluminal therapeutic modalities: the pathologist's perspective. Update on Esophageal Diseases." Guest speaker to national and international pathologists and trainees. San Diego, CA. Rodger C. Haggitt Gastrointestinal Pathology Society Annual Companion Meeting. United States and Canadian Academy of Pathology Annual Meeting.

2007 "Gastritis when it is not *Helicobacter pylori* related." Grand rounds guest speaker to local pathologists and trainees. Houston, TX. Pathology Grand Rounds. Methodist Hospital.

2007 "Gastric Polyps and Dysplasia: Diagnosis and Management." Guest speaker to local pathologists and trainees. Houston, TX. Houston Society of Clinical Pathologists. 47<sup>th</sup> Annual Spring Symposium Gastrointestinal Pathology Update.

2007 "Colitis Other than IBD: Selected Issues." Guest speaker to local pathologists and trainees. Houston, TX. Houston Society of Clinical Pathologists. 47<sup>th</sup> Annual Spring Symposium Gastrointestinal Pathology Update.

2007 "Autoimmune pancreatitis: a disorder extending its scope." Visiting professor guest speaker to local pathologists and trainees. Chicago, IL. The University of Illinois at Chicago College of Medicine.

2007 "Early Barrett's esophagus neoplasms: a pathologist's experience with novel endoscopic techniques." Grand rounds guest speaker to local pathologists and trainees. New York, NY. Grand Rounds, Memorial Sloan-Kettering Medical Center.

2007 "Early Barrett epithelium neoplasm: a pathologist's experience with novel endoscopic techniques." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Hanover, NH. Pathology Research and Review Seminar, Dartmouth Medical School.

2007 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Phoenix, AZ. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2008 "Gastric Pathology: an updated review and practical approach." Guest speaker to national pathologists and trainees. Miami, FL. American Society for Clinical Pathology.

2008 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Santa Barbara, CA. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2008 "Pathology of Early Gastric Neoplasms - Evolving Concepts and Clinical Implications." Visiting professor guest speaker to local pathologists, gastroenterologists, trainees, and scientists. Houston, TX. GI Cancer Program Research Seminar Series, M.D. Anderson Cancer Center.

2009 "Pathology of Early Gastric Neoplasms – Evolving Concepts and Clinical Implications." Visiting professor guest speaker to local pathologists, gastroenterologists, trainees, and scientists. Houston, TX. GI Cancer Program Research Seminar Series, M.D. Anderson Cancer Center.

2009 "Polyps and Tumors of the Stomach." Guest speaker to national pathologists and trainees. Annapolis, MD. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2009 "Patient with Barrett's Esophagus and Dysplasia: Histologic Assessment of Endoscopic Mucosal Resection Specimens in Barrett's Esophagus." Guest speaker to international gastroenterologists, pathologists, and trainees at the Rodger C. Haggitt Gastrointestinal Pathology Society Session: "A Clinicopathologic Discussion of Reflux Esophagitis, Barrett's Esophagus, and Dysplasia." Chicago, IL. Digestive Disease Week 2009.

2009 "Gastric polyps, dysplasia, and early cancer: An update." Guest speaker to U.S. West Coast pathologists and trainees. San Francisco, CA. Liver and Gastrointestinal Pathology Update Course. University of California at San Francisco.

2011 "Middleton Goldsmith Lecture: What's New in Gastric Pathology?" Guest speaker to American pathologists. New York, NY. President's Symposium. The College of American Pathologists and the New York Pathological Society.

2011 "What is New About Barrett's Esophagus? New Ideas and Implications." Guest speaker. Charlotte, NC. North Carolina Society of Pathologists 2011 Annual Meeting.

2011 "Gastritis: It Is Not Always About Helicobacter pylori." Guest speaker. Charlotte, NC. North Carolina Society of Pathologists 2011 Annual Meeting.

2011 "Gastric Neoplasia: Recognizing Them and Talking with Your Gastroenterologists." Guest speaker. Charlotte, NC. North Carolina Society of Pathologists 2011 Annual Meeting.

2011 "Biopsies of the GI tract: Who, what, where, & why?" Guest speaker to international gastroenterologists, pathologists, and trainees. Chicago, IL. Digestive Disease Week 2011.

2011 "Barrett's esophagus and related dysplasia." Guest speaker to international gastroenterologists, pathologists, and trainees. Chicago, IL. Digestive Disease Week 2011.

2011 "Updated and evolving concepts in gastric neoplasia." Guest speaker, Grand Rounds. Atlanta, GA. Emory University Hospital Department of Pathology and Laboratory Medicine.

2012 "Barrett's Esophagus & Related Dysplasia: Who, What, When, Where to Biopsy and Why?" Visiting Professor. Gainesville, FL. 30th Annual Resident Research Symposium, University of Florida College of Medicine Department of Pathology, Immunology, and Laboratory Medicine.

2012 "Updated and evolving concepts in gastric neoplasia." Visiting Professor. Gainesville, FL. 30th Annual Resident Research Symposium, University of Florida College of Medicine Department of Pathology, Immunology, and Laboratory Medicine.

2012 "Non-HP Gastritis and Gastric Polyps: A Practical Review." Faculty. San Diego, CA. CAP '12 THE Pathologists' Meeting, College of American Pathologists.

2012 "Biopsy Diagnosis of Colitis: Challenges and Solutions." Faculty. San Diego, CA. CAP '12 THE Pathologists' Meeting, College of American Pathologists.

2013 "Gastric Polyps and Tumors." Faculty. Las Vegas, NV. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2013 "Upper GI Disease: The Pathologist's Role in Diagnosis, Precision Testing and Personalized Medicine - GIPS" Faculty. Chicago, IL. ASCP Annual Meeting 2013. American Society for Clinical Pathology.

2014 "Biopsy of inflammatory conditions of the stomach and duodenum: a systemic approach." Faculty. Milwaukee, WI. 7th Annual Midwestern Conference: Update Course in Surgical Pathology. Medical College of Wisconsin Department of Pathology.

2014 "Gastric Polyps and Tumors." Faculty. Las Vegas, NV. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology.

2014 "Gastric cancer: 'The times they are a-changin'." Faculty. New York, NY. Lenox Hill Pathology Alumni Meeting 2014, Updates and Emerging Technologies in Surgical Pathology. Lenox Hill Hospital.

2015 "Gastrointestinal *in vivo* microscopy: One step closer to achieving the *Fantastic Voyage*." Faculty: Molecular Medicine Tri-Con. Cambridge Healthtech Institute.

2015 "Gastric Cancer 2015: Not Your Grandfather's Disease." Visiting professor. Indianapolis, Indiana. Gregory Derringer Pathology Grand Rounds. Indiana University Purdue University.

2015 "Gastric polyps and tumors." Faculty: Surgical Pathology of the Gastrointestinal Tract. New Orleans, MA. American Society for Clinical Pathology.

2016 "In vivo Microscopy of the Gastrointestinal Tract: Introduction of Concepts and Early Applications." Swatek Lecturer. Twenty-Sixth Annual Alumni Reunion. Redlands, CA. Loma Linda Pathology and Human Anatomy.

2016 "Gastric Adenocarcinoma – Evolving Concepts in 2016." Swatek Lecturer. Twenty-Sixth Annual Alumni Reunion. Redlands, CA. Loma Linda Pathology and Human Anatomy.



2016 "Gastric polyps and tumors." Faculty: Surgical Pathology of the Gastrointestinal Tract. Austin, TX. American Society for Clinical Pathology.

2017 "Gastrointestinal inflammatory disorders and associated dysplasias"  
Journée Pierre Masson 2017. Association de Pathologistes du Québec, Montreal, Canada

2017 "Small bowel biopsies: It is not always about celiac disease"  
Journée Pierre Masson 2017. Association de Pathologistes du Québec, Montreal, Canada

2017 "Gastric Polyps: Diagnosis and Management"  
Journée Pierre Masson 2017. Association de Pathologistes du Québec, Montreal, Canada

2017 "Iatrogenic pathology: the expanding Pandora's box of GI pathology"  
Journée Pierre Masson 2017. Association des Pathologistes du Québec, Montreal, Canada

2017 "Gastric Polyps and Tumors." Faculty. San Diego, CA. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology

2017 Third Annual Moffitt Cancer Center Pathology Symposium, Sarasota, FL. - UCLA Gastric Cancer "How Molecular Taxonomy and Morphologic Classification Collide."

2017 Grand Rounds Lecture, UCLA "Gastric Cancer How Molecular Taxonomy and Morphologic Classification Collide."

2017 USCAP San Antonio, TX. "Intestinal metaplasia of the stomach. Should I Sub Type?"

2017 Florida Pathology Society - "What is New and Worth Discussing in Chronic Colitis & Associated Dysplastic Lesions"

2017 Florida Pathology Society - "Gastritis: Diagnostic Evaluation of Multifaceted Conditions"

2017 Florida Pathology Society - "Gastric Polyps & Dysplasias: A Review of an Ever Expanding List"

2017 University of California San Francisco; 33rd Annual Current Issues in Anatomic Pathology - "Gastric Polyps, Diagnosis and Management"

2017 University of California San Francisco; 33rd Annual Current Issues in Anatomic Pathology - "Early neoplasms of the upper GI tract – Classification, significance and management"

2018 "Gastric Polyps and Tumors." Faculty. Chicago, IL. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology

2019 "Gastric Polyps and Tumors." Faculty. Las Vegas, NV. Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology

2020. Gastric polyps: evolution and management of old friends and new acquaintances" New York Pathology Society, NY, NY

## International

1995 "C-MET" Session. Co-Chairperson and guest speaker to international pathologists, gastroenterologists, scientists, and surgeons. Kyoto, Japan. 1st International Gastric Cancer Congress.

1995 "Helicobacter pylori - An Update." Guest speaker to local gastroenterologists, pathologists, surgeons, and trainees. Himeiji, Japan. Himeji National Hospital.

1995 "Bcl-2 protein expression in gastric carcinogenesis. An immunohistochemical study." Guest speaker to local gastroenterologists, pathologists, surgeons, and trainees. Kyoto, Japan. Kyoto University Surgical Seminar.

1997 "Role of Helicobacter pylori in the genesis of gastric neoplasia-current concepts. Guest speaker to local gastroenterologists, pathologists, surgeons, and trainees. Kyoto, Japan. Kyoto University Surgical Seminars.

1998 "Pathological aspects of hepatocellular carcinoma: a critical review of prognostic factors. Hepatocellular carcinoma in the Eastern and Western experiences." Guest speaker to international gastroenterologists, pathologists, surgeons, and trainees. Paris, France. Institut Curie.

1999 "Bile ducts alterations in the setting of OLT," slide seminar. Guest speaker to local gastroenterologists, pathologists, surgeons, and trainees. Kyoto, Japan. Department of Pathology, Kyoto University.

1999 "Gastric dysplasia: current understanding and future directions." Guest speaker to local gastroenterologists, pathologists, surgeons, and trainees. Kyoto, Japan. Kyoto University Surgical Seminars.

1999 "Hepatocellular carcinoma: evaluation of clinicopathologic features from three distinct geographic areas." Guest speaker to international gastroenterologists, pathologists, surgeons, and trainees. Kyoto, Japan. 35th Annual Meeting, Liver Cancer Study Group of Japan.

2001 "Pathology of Biliary Cancer: Current Knowledge and Challenges." Guest speaker to international gastroenterologists, pathologists, surgeons, and trainees. Lisbon, Portugal. Annual Meeting of the European Organization for Research and Treatment of Cancer. EORTC Educational Session on Diagnostic and Therapeutic Aspects of Biliary Cancer. Hospital Fernando Fonseca.

2002 "Hepatocellular Carcinoma: Pathological indicators of prognosis" Guest speaker to international gastroenterologists, pathologists, surgeons, and trainees. Leipzig, Germany. Falk Workshop on Malignant Liver Tumors: Basic Concepts and Clinical Management.

2003 "The Diagnosis of Colitis: A Stepwise Approach." Guest speaker to local pathologists, gastroenterologists, and surgeons. Moroyama, Japan. Saitama Medical School Post Graduate Educational Program. Saitama Medical School.

2004 "Barrett's Esophagus: Persistent Issues and New Challenges." Guest speaker to international and local pathologists. Sapporo, Japan. Japanese Society of Pathology.

2004 "Colonic Polyps: Criteria for complete excision and pseudoinvasion." Guest speaker to international and local pathologists. Brisbane, Australia. Australian Gastroenterological Week of the Gastroenterological Society of Australia (GESA).

2004 "Iatrogenic Pathology of the Stomach." Guest speaker to local pathologists. Geneva, Switzerland. University of Geneva.

2005 "Early neoplasms in Barrett's esophagus: pathologists' experience with new interventional endoscopic techniques." Guest speaker to international and local pathologists. Beijing, China. The Fourth Asia-Pacific IAP Congress.

2006 "Gastric polyps and dysplasia." Guest speaker to international and local pathologists. Barcelona, Spain. Gastrointestinal pathology course organized by the Hospital del Mar and Autonomous University of Barcelona, School of Medicine.

2006 "Non-*Helicobacter pylori* gastritis: What else?" Guest speaker to international and local pathologists. Barcelona, Spain. Gastrointestinal pathology course organized by the Hospital del Mar and Autonomous University of Barcelona, School of Medicine.

2006 "Diagnosis and differential diagnosis of cystic pancreatic tumors." Guest speaker to international and local pathologists. Barcelona, Spain. Gastrointestinal pathology course organized by the Hospital del Mar and Autonomous University of Barcelona, School of Medicine.

2006 "Early Neoplasms in Barrett's Esophagus: Pathologists' Experience with Novel Endoscopic Techniques." Guest speaker to international and local pathologists. Barcelona, Spain. Catalan Society of Pathology.

2006 "Prognostic Factors of Colorectal Cancer." Guest speaker to national pathologists and trainees. Madrid, Spain. Practical Approach in Gastrointestinal Pathology. Spanish Society of Anatomic Pathology.

2006 "Pancreatic Cystic Neoplasms." Guest speaker to national pathologists and trainees. Madrid, Spain. Practical Approach in Gastrointestinal Pathology. Spanish Society of Anatomic Pathology.

2006 "Hepatocellular Carcinoma -Morphology, Differential Diagnosis and Prognostic Factors." Guest speaker to national pathologists and trainees. Madrid, Spain. Practical Approach in Gastrointestinal Pathology. Spanish Society of Anatomic Pathology.

2006 "Inflammatory Bowel Disease: Diagnostic Problems Including Dysplasia" Guest speaker to international pathologists and trainees. Florence, Italy. Diagnostic Surgical Pathology 2006.

2006 "Gastric Polyps: Classification, Significance and Management Implications" Guest speaker to international pathologists and trainees. Florence, Italy. Diagnostic Surgical Pathology 2006.

2006 "Colitis Other Than Inflammatory Bowel Disease: Selected Issues" Guest speaker to international pathologists and trainees. Florence, Italy. Diagnostic Surgical Pathology 2006.

2006 "Steatosis and Steatohepatitis: Definition of Standard Criteria." Hot-Topic "Chemotherapy-Associated Hepatotoxicity in the Treatment of Hepatic Colorectal Metastases." Guest speaker to national pathologists, gastroenterologists, oncologists, and trainees. Villejuif, France. Institut de Cancerologie Gustave Roussy International Scientific Symposium.

2007 "Gastritis when it is not *Helicobacter pylori* related." Plenary lecture. Guest speaker to international pathologists and trainees. Singapore. 5<sup>th</sup> Asia Pacific International Academy of Pathology Congress.

2007 "Gastric polyps: Diagnosis and therapeutic issues." Guest speaker to international pathologists and trainees. Singapore. 5<sup>th</sup> Asia Pacific International Academy of Pathology Congress.

2007 "Pancreatic cystic neoplasms: An update." Guest speaker to international pathologists and trainees. Singapore. 5<sup>th</sup> Asia Pacific International Academy of Pathology Congress.

2007 "What to expect from surgical pathology reports of colorectal cancer specimens: An update." Guest speaker to local pathologists, gastroenterologists, surgeons, trainees. Varese, Italy. Insubria International Summer School.

2007 "Early Barrett epithelium neoplasms: A pathologist's experience with novel endoscopic techniques." Guest speaker to local pathologists and trainees. Moroyama, Japan. Saitama Medical University.

2008 "Autoimmune pancreatitis: cytology and histology." Guest speaker to national pathologists and trainees. Ghent, Belgium. First Belgian Week of Pathology.

2008 "Endoscopic mucosal resection." Keynote guest speaker to national pathologists and trainees. Ghent, Belgium. First Belgian Week of Pathology.

2008 "Gastric dysplasia and gastric polyps." Guest speaker to international pathologists and trainees. Porto, Portugal. XVII Porto Cancer Meeting on Pathology of the Digestive System, Institute of Pathology and Molecular Pathology of the University of Porto (IPATIMUP).

2008 "Pancreatic cystic tumors." Guest speaker to international pathologists and trainees. Porto, Portugal. XVII Porto Cancer Meeting on Pathology of the Digestive System, Institute of Pathology and Molecular Pathology of the University of Porto (IPATIMUP).

2008 "Non-IBD Colitis." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "IBD Colitis." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Hepatic Neoplasms." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Autoimmune Pancreatitis." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Gastric Dysplasia and Early Gastric Cancer." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Non-HP Gastritis." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Pancreatic Cystic Neoplasms." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Barrett's Oesophagus and Dysplasia." Visiting professor guest speaker to local pathologists, gastroenterologists, and trainees. Perth, Australia. University of Western Australia, PathWest Visiting Professor 2008.

2008 "Gastritis Beyond H. pylori: Extending our Horizons." Guest speaker to local pathologists, gastroenterologists, and trainees. Moroyama, Japan. Saitama Medical University.

2009 "Cystic tumors of the pancreas." Guest speaker to national pathologists. Agra, India. XIVth Indo-US International CME in Surgical Pathology, Cytology, and Hematology.

2009 "Non-epithelial Tumors of the GI Tract." Guest speaker to national pathologists. Agra, India. XIVth Indo-US International CME in Surgical Pathology, Cytology, and Hematology.

2009 "IBD colitis: Histologic controversies and solutions." Guest speaker to Singaporean and international pathologists and trainees. Singapore. First International National University Hospital of Singapore Gastrointestinal Pathology Workshop.

2009 "Hepatic neoplasms: Current issues." Guest speaker to Singaporean and international pathologists and trainees. Singapore. First International National University Hospital of Singapore Gastrointestinal Pathology Workshop.

2009 "Non-Helicobacter pylori gastritis." Guest speaker to Singaporean and international pathologists and trainees. Singapore. First International National University Hospital of Singapore Gastrointestinal Pathology Workshop.

2009 "Non-IBD colitis: A broad spectrum of pathologic changes." Guest speaker to Singaporean and international pathologists and trainees. Singapore. First International National University Hospital of Singapore Gastrointestinal Pathology Workshop.

2009 "Barrett's esophagus and dysplasia: Persistent issues and new directions." Guest speaker to Singaporean and international pathologists and trainees. Singapore. First International National University Hospital of Singapore Gastrointestinal Pathology Workshop.

2009 "EMR for early cancer in Barrett's Esophagus: A learning curve." Guest speaker to gastroenterologists, surgeons, and researchers. Split, Croatia. 13th International Conference on Gastrointestinal Research/International Conference on Ulcer Research.

2009 "Non-Helicobacter pylori gastritis: An ever-extending differential diagnosis." Guest speaker to Australian pathologists and trainees. Brisbane, Australia. Gastrointestinal Tract Course, Pathology Queensland and University of Queensland.

2009 "Barrett's esophagus: Current status and new directions." Guest speaker to Australian pathologists and trainees. Brisbane, Australia. Gastrointestinal Tract Course, Pathology Queensland and University of Queensland.

2009 "Prognostic factors in colorectal cancer: Deconstructing the TNM system." Guest speaker to Australian pathologists and trainees. Brisbane, Australia. Gastrointestinal Tract Course, Pathology Queensland and University of Queensland.

2009 "Colitis: Survey of its broad spectrum." Guest speaker to Romanian pathologists and trainees. Bucharest, Romania. Second International Course on Digestive Pathology, the "Victor Babeş" National Institute of Pathology and the Pathology Department "Carol Davila" University of Medicine and Pharmacy - Bucharest and Romanian Division of International Academy of Pathology.

2009 "Gastric polyps, dysplasia, and early cancer: An update." Guest speaker to Romanian pathologists and trainees. Bucharest, Romania. Second International Course on Digestive Pathology, the "Victor Babeş" National Institute of Pathology and the Pathology Department "Carol Davila" University of Medicine and Pharmacy - Bucharest and Romanian Division of International Academy of Pathology.

2009 "Les enjeux de l'examen de la pièce de résection endoscopique." Guest speaker to Swiss pathologists. Geneva, Switzerland. Journées pluridisciplinaire de pathologie hépatobiliaire, pancréatique et digestive, University of Geneva Faculty of Medicine and University of Geneva Hospitals.

2009 "Barrett esophagus: Current status and new directions." Guest speaker to Japanese pathologists, gastroenterologists, and trainees. Moroyama, Japan. Saitama Medical University and International Medical Center.

2010 "Gastritis: beyond Helicobacter pylori." Guest speaker to international pathologists. Porto, Portugal and Santiago de Compostela, Spain. II International Pathology Meeting Along the Way to Santiago.

2010 "Biopsy diagnosis of non-IBD colitis." Guest speaker to international pathologists. Porto, Portugal and Santiago de Compostela, Spain. II International Pathology Meeting Along the Way to Santiago.

2010 "Gastric neoplasia – East versus West." Guest speaker to international pathologists. Killarney, Ireland. International Gastrointestinal Pathology Symposium in Conjunction with the 8th Annual Meeting of the Irish Society of Surgical Pathology.

2010 "IBD and dysplasia." Guest speaker to international pathologists. Killarney, Ireland. International Gastrointestinal Pathology Symposium in Conjunction with the 8th Annual Meeting of the Irish Society of Surgical Pathology.

2010 "Gastritis." Guest speaker to international pathologists. Pretoria, South Africa. Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa.

2010 "Drug-induced pathology of the GI tract." Guest speaker to international pathologists. Pretoria, South Africa. Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa.

2010 "Two different views for the same lesion: Endoscopy versus histology." Guest speaker to European pathologists, gastroenterologists, and trainees. Antwerp, Belgium. XXIIInd Belgian Week of Gastroenterology.

2010 "Squamous dysplasia of the esophagus." Guest speaker to American and international pathologists. Boston, USA. 10th World Conference of OESO, the World Organization for Specialized Studies on Diseases of the Esophagus.

2010 "Treatments of adenocarcinomas: EMR." Guest speaker to American and international pathologists. Boston, USA. 10th World Conference of OESO, the World Organization for Specialized Studies on Diseases of the Esophagus.

2010 "Gastric polyps: Western perspectives." Guest speaker to Korean pathologists. Seoul, Korea. Busan-Ulsan-Gyeongnam Branch of the Korean Society of Pathologists.

2010 "Gastric polyp." Guest speaker to Korean pathologists. Seoul, Korea. 10th annual meeting of the Korean College of Helicobacter and Upper Gastrointestinal Research.

2010 "Gastric epithelial dysplasia: Western perspectives." Guest speaker to Korean pathologists. Seoul, Korea. 10th annual meeting of the Korean College of Helicobacter and Upper Gastrointestinal Research.

2010 "Iatrogenic and drug induced pathology of the GI tract." Guest speaker to Japanese pathologists. Saitama, Japan Postgraduate Education Program. Saitama Medical University course.

2011 "Non-IBD colitis." Guest speaker to international pathologists. Pretoria, South Africa. Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa.

2011 "Gastric bumps and lumps." Guest speaker to international pathologists. Pretoria, South Africa. Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa.

2011 "Gastric Dysplasia: the American View." Session title, "Standardization of pathology; premalignant & malignant." Guest speaker to Korean gastroenterologists and pathologists. Seoul, Korea. 9th International Gastric Cancer Congress, sponsored by the Korean Gastric Cancer Association and the International Gastric Cancer Association.

2011 "Carcinogenesis and histology of EGJ carcinoma." Session title, "GEJ cancer; esophageal or gastric cancer?" Guest speaker to Korean gastroenterologists and pathologists. Seoul, Korea. 9th International Gastric Cancer Congress, sponsored by the Korean Gastric Cancer Association and the International Gastric Cancer Association.

- 2011 "Gastric Neoplasia: Updated and evolving concepts." Guest speaker to Australasian practicing pathologists and trainees. Sydney, Australia. Annual Scientific Meeting, Australasian Division of the International Academy of Pathology.
- 2011 "Non-IBD colitis: How to communicate with the clinicians." Guest speaker to Middle Eastern gastroenterologists and pathologists. Beirut, Lebanon. 23rd Congress of the Arab Division of the International Academy of Pathology.
- 2011 "Gastric adenocarcinoma: An update." Guest speaker to Middle Eastern gastroenterologists and pathologists. Beirut, Lebanon. 23rd Congress of the Arab Division of the International Academy of Pathology.
- 2012 "Gastritis and gastropathies: An update." Guest speaker to Central American pathologists, gastroenterologists, and trainees. Santa Ana, Costa Rica. Update on Gastrointestinal and Liver Pathology, sponsored by the Association of Pathologists of Costa Rica.
- 2012 "Gastric dysplasia: expanding our horizons." Guest speaker to international pathologists. Cape Town, South Africa. XXIX Congress of the International Academy of Pathology.
- 2012 "Non-Helicobacter gastritis: a not so simple review." Guest speaker to international pathologists. Cape Town, South Africa. XXIX Congress of the International Academy of Pathology.
- 2012 "Les dysplasies du tube digestif: une revue critique." Guest speaker to Canadian pathologists. Quebec City, Canada. Département de Biologie Moléculaire, Biochimie Médicale et Pathologie, Université Laval. 49ème Journée Scientifique Annuelle "Carlton-Auger."
- 2013 "Benign mimics of malignancy in the GI tract: Tales from the dark side of pathology." Guest speaker to Australian pathologists. Perth, Australia. Department of Anatomical Pathology, PathWest QEII.
- 2013 "Autoimmune pathology of the GI tract: Always difficult to think about." Guest speaker to Australian pathologists. Perth, Australia. Department of Anatomical Pathology, PathWest QEII.
- 2013 "Benign mimics of malignancy in gastrointestinal pathology." Guest speaker to international pathologists and trainees. Baltimore, Maryland. Arthur Purdy Stout Society of Surgical Pathologists.
- 2013 "Early neoplasia of the GI tract: Diagnostic challenges and clinical implications." Moderator to international pathologists and trainees. Baltimore, Maryland. United States and Canadian Academy of Pathology Gastrointestinal Pathology Specialty Conference.
- 2013 "Practical issues in lower gastrointestinal tract." Moderator and guest speaker to international pathologists and trainees. Busan, Korea. 8th Asia Pacific International Academy of Pathology Congress.
- 2013 "New concepts in Barrett's esophagus and related neoplasia." Guest speaker to international pathologists and trainees. Busan, Korea. 8th Asia Pacific International Academy of Pathology Congress.
- 2013 "Uncommon types of dysplasia in the digestive tract." Keynote speaker to international pathologists and trainees. Ghent, Belgium. Fourth Belgian Week of Pathology.



2014 "Not everything ugly is bad: benign mimics of malignancy in the GI tract." Guest speaker to Japanese pathologists and trainees. Saitama, Japan. International Medical Center.

2014 "Barrett esophagus and related neoplasia: diagnosis and detection in 2014." Guest speaker to Japanese pathologists and trainees. Tokyo, Japan. Tokyo University.

2014 "How would pathologists adopt optical biopsy?" Guest speaker to international pathologists. Provence, France. 6th International Conference of Cellvizio Users.

2014 "Non-neoplastic esophageal disorders: Beyond Barrett's esophagus." Course director and speaker to Polish pathologists and trainees. Warsaw, Poland. Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology.

2014 "Gastritis: It is not only about H. pylori." Course director and speaker to Polish pathologists and trainees. Warsaw, Poland. Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology.

2014 "Gastric polyps: A practical review." Course director and speaker to Polish pathologists and trainees. Warsaw, Poland. Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology.

2014 "Biopsy of inflammatory conditions of the duodenum: A systematic approach." Course director and speaker to Polish pathologists and trainees. Warsaw, Poland. Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology.

2014 "Inflammatory bowel disease: A review of basic criteria, histologic challenges, and controversial issues." Course director and speaker to Polish pathologists and trainees. Warsaw, Poland. Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology.

2014 "Inflammatory and infectious diseases of the GI tract: Drug injury." Guest speaker to international pathologists and trainees. Bangkok, Thailand. XXXth Congress of the International Academy of Pathology.

2014 "Update on hereditary gastric cancer: HDGC and other syndromic gastric cancers." Guest speaker to international pathologists and trainees. Bangkok, Thailand. XXXth Congress of the International Academy of Pathology.

2014 "Update on inflammatory diseases of the stomach." Guest speaker to Belgian pathologists and trainees. Ghent, Belgium. Fifth Belgian Week of Pathology.

2014 "Non-Neoplastic Esophageal Disorders: Beyond Barrett's Esophagus." Guest speaker to international pathologists. Jerusalem, Israel. GI Pathology Update: Challenges from the WHO "Blue Book."

2014 "Gastritis: It is Not all About H. pylori." Guest speaker to international pathologists. Jerusalem, Israel. GI Pathology Update: Challenges from the WHO "Blue Book."

2015 "Iatrogenic diseases in the upper GI." Guest speaker to international pathologists and trainees. Lisbon, Portugal. Diagnostic Problems in GI Tract Pathology, Sociedade Portuguesa de Anatomia Patologica.

2015 "Non-neoplastic diseases of the small bowel: Celiac disease and beyond." Guest speaker to international pathologists and trainees. Lisbon, Portugal. Diagnostic Problems in GI Tract Pathology, Sociedade Portuguesa de Anatomia Patologica.

2015 "Endoscopic/histological correlation in the upper GI." Guest speaker to international pathologists and trainees. Lisbon, Portugal. Diagnostic Problems in GI Tract Pathology, Sociedade Portuguesa de Anatomia Patologica.

2015 "Gastrointestinal in vivo confocal laser endomicroscopy: one step closer to achieving the fantastic voyage. Keynote speaker to international pathologists. Lisbon, Portugal. 7th International Conference of Cellvizio Users.

2015 "pCLE in the upper GI tract." Course director to international pathologists. Lisbon, Portugal. 7th International Conference of Cellvizio Users.

2015 "pCLE in the lower GI tract." Course director to international pathologists. Lisbon, Portugal. 7th International Conference of Cellvizio Users.

2015 "Biopsy approach to non-IBD colitis: The ever-evolving differential diagnosis." Lecturer to international pathologists. Kyoto, Japan. 2015 Boston-Kyoto Surgical Pathology Update.

2015 "Small bowel biopsies: If not celiac, then what?" Lecturer to international pathologists. Kyoto, Japan. 2015 Boston-Kyoto Surgical Pathology Update.

2015 "The increasing range of iatrogenic pathologies of the GI tract." Lecturer to international pathologists. Kyoto, Japan. 2015 Boston-Kyoto Surgical Pathology Update.

2016 "Twists and turns of non-Helicobacter pylori gastritis." Lecturer to international pathologists. Douro, Portugal. Digestive Disease Along the Douro Valley, Sociedade Portuguesa de Anatomia Patologica.

2016 "Dysplasia in inflammatory and polypoid lesions: Upper GI tract." Lecturer to international pathologists. Douro, Portugal. Digestive Disease Along the Douro Valley, Sociedade Portuguesa de Anatomia Patologica.

2016 "Dysplasia in inflammatory and polypoid lesions: Upper GI tract." Lecturer to international pathologists. Douro, Portugal. Digestive Disease Along the Douro Valley, Sociedade Portuguesa de Anatomia Patologica.

2016 "Auto-immune enteropathies." Lecturer to XXXI International Congress of the International Academy of Pathology and 28<sup>th</sup> Congress of the European Academy of Pathology. Cologne, Germany.

- 2017 "Evolving concepts in colorectal Polyps: Polyps in Inflammatory bowel disease" 29th Congress of the European Academy of Pathology, Amsterdam, Netherlands.
- 2017 "Gastric Lumps and Bumps!" Queen Elizabeth II Medical Center, Perth, WA, Australia.
- 2017 "Drug Induced Disorders of the Gastrointestinal Tract, " Fiona Stanley Hospital, Murdoch, WA, Australia.
- 2017 "In Vivo Microscopy of the GUT: New opportunity for the GI pathologists" 3rd Annual meeting of the Australasian Gastrointestinal Pathology Society, Brisbane, Australia.
- 2017 "Dysplasia and Adenocarcinoma in Inflammatory Bowel Disease" 3rd Annual meeting of the Australasian Gastrointestinal Pathology Society, Brisbane, Australia.
- 2018 "Latrogenic Pathology of GI tract, A practical approach" Gastrointestinal Pathology Course: Warsaw, Poland
- 2018 "Update on gastric cancer" Gastrointestinal Pathology Course: Warsaw, Poland
- 2018 "Slide discussion: Mixed bag of GI pathology in a Cancer Hospital " Gastrointestinal Pathology Course: Warsaw, Poland
- 2018 "Ever expanding spectrum of gastritis "Gastrointestinal Pathology Course: Warsaw, Poland
- 2018 "Bumps and lumps of the stomach a review of gastric polyps" Gastrointestinal Pathology Course: Warsaw, Poland
- 2018 "Non- adenomatous dysplasia of the gastrointestinal tract". Festschrift of the career of Pr. Anne Mouret -Jourin; Brussels, Belgium.
- 2018 "Mimics of neoplasia in the gastrointestinal tract". International Academy of Pathology congress: Dead sea, Jordan.
- 2018 "Ancillary studies in the upper gastrointestinal tract neoplasms". 4th meeting of the Australasian gastrointestinal pathology society: Auckland, New Zealand.
- 2018 "Update on pyloric gland adenomas". 4th meeting of the Australasian gastrointestinal pathology society: Auckland, New Zealand.
- 2018 "Welcome home challenges in gastrointestinal pathology following travel about the topic of cancer". Annual meeting of the British division of the International Academy of Pathology: London, United Kingdom.
- 2019 "Esofago de Barrett con displasia y carcinoma temprano"  
 "Polipos gastricos y carcinoma temprano"  
 "Polipos cononicos y polipectomia"  
 "Colitis (no asociada a enfermedad inflamatoria del intestine)". Curso de lesiones premalignas gastrointestinales; Asociacion Nacional De Patologos De Guatemala: Guatemala

2019 “Gastritis” and “Iatrogenic Diseases of the GI”. Update in Gastrointestinal and Hepatic Pathology; Puerto Rico Academy of Pathology and Laboratory Medicine: Carolina, Puerto Rico

2019 “Tropical Gastrointestinal Pathology” and “Non-Adenomatous Dysplasia of the Gastrointestinal Tract”. AGPS 5<sup>th</sup> Annual Scientific Meeting-Scientific Programme; Australasian Gastrointestinal Pathology Society: Adelaide, Australia

2020 “Gastric polyps: managing old friends and new acquaintances” 13<sup>th</sup> Course of Digestive Pathology, Bucharest, Romania.

2021. London GI Pathology Update. New and unconventional types of GI dysplasia. London, UK

2021 “Update in gastric polyps-2021 Austria Pathology Society OEGPath meeting

2021 Pitfalls & artefacts in GI pathology Austria Pathology Society OEGPath meeting

2021 Barrett’s Esophagus: *The Grading of Dysplasia* Austria Pathology Society OEGPath meeting

2021 “Gastric polyps: evolving classification and Pathogenesis. Indian IAP XXIII Annual CME meeting Luknow, India

## **Current Licensure and Certification**

1992, 2014 American Board of Pathology: Anatomic Pathology

2000-2017 Massachusetts Licensure

2015-present Florida Licensure

2015-2017 New Hampshire Licensure

2017-present California

## **Report of Education of Patients and Service to the Community**

1985 Rotary Foundation Award for International Understanding

Rotary Foundation

2010- Scientific Advisory Board

No Stomach for Cancer, Inc.

## **Report of Scholarship (see separate sections for original articles, reviews/ chapters, case reports and letters to editors)**

### **Original Articles**

1. Korelitz B, **Lauwers GY**, Sommers S. Rectal mucosal dysplasia in Crohn’s disease. Gut. 1990; 31:1382-1386.
2. Frankel SR, Eardley A, **Lauwers GY**, Weiss M, Warrell RP. The "retinoic acid syndrome" in acute promyelocytic leukemia. Ann Intern Med 1992; 117:292-296.

3. **Lauwers GY**, Schevchuk M, Armenakas N, Reuter V. Carcinosarcoma of the prostate. *Am J Surg Pathol* 1993; 17:342-349.
4. **Lauwers GY**, Melamed J, Rojas-Corona R. Blood group antigens in Barrett's esophagus and associated adenocarcinomas. *Mod Pathol* 1993; 6:588-591.
5. **Lauwers GY**, Erlandson RA, Casper ES, Brennan MF, Woodruff JM. Gastrointestinal autonomic nerve tumors. A clinicopathological, immunohistochemical and ultrastructural study of 12 cases. *Am J Surg Pathol* 1993;17:887-897.
6. Rao PH, Mathew S, **Lauwers GY**, Rodriguez E, Kelsen DP, Chaganti RSK. Interphase cytogenetics of gastric and esophageal adenocarcinomas. *Diag Mod Pathol (Am J Surg Pathol, Part B)*. 1993; 2:264-268.
7. **Lauwers GY**, Wahl SJ, Melamed J, Rojas-Corona RR. p53 Expression in Precancerous Gastric Lesions. An immunohistochemical study of PAb 1801 monoclonal antibody on adenomatous and hyperplastic gastric polyps. *Am J Gastroenterol* 1993; 88:1916-1919.
8. Saltz L, **Lauwers GY**, Wiseberg J, Kelsen D. A Phase II Trial of Carboplatin in Patients with Advanced APUD Tumors. *Cancer* 1993; 72: 619-622.
9. Fortner J, **Lauwers GY**, Thaler H, Concepcion R, Friedlander-Klar M, Kher U, Maclean B. Nativity, Complications, Pathology are Determinants of Surgical Results for Gastric Cancer. *Cancer* 1994; 73:8-14.
10. Paty P, Enker W, Cohen A, **Lauwers GY**. Treatment of Rectal Cancer by Low Anterior Resection with Coloanal Anastomosis. *Ann Surg* 1994; 219:365-373.
11. **Lauwers GY**, Scott GV, Hendricks J. Immunohistochemical evidence of aberrant bcl-2 protein expression in gastric epithelial dysplasia. *Cancer* 1994; 73 :2900-2904.
12. Minsky BD, Enker WE, Cohen AM, **Lauwers GY**. Local excision and postoperative radiation therapy for rectal cancer. *Am J Clin Oncol* 1994; 17:411-416.
13. Zhang ZF, Karpeh MS, **Lauwers GY**, Marrero AM, Pollack D, Cordon Cardo C. Risk Factors and p53 Nuclear Overexpression in Early Stage Intestinal-type Adenocarcinoma of the Stomach. *J Cancer Detection Prev* 1995; 19:156-164.
14. **Lauwers GY**, Scott GV, Karpeh MS. Immunohistochemical Evaluation of bcl-2 Protein Expression in Gastric Adenocarcinomas. *Cancer* 1995; 75:2209-2213.
15. Minsky BD, Enker WE, Cohen AM, **Lauwers GY**. Clinicopathologic Features in Rectal Cancer Treated by Local Excision and Postoperative Radiation Therapy. *Radiation Med* 1995; 13:235-241.
16. **Lauwers GY**, Wahl SJ, Scott GV, DeRoux SJ. Papillary mucinous adenoma arising in adenomatous hyperplasia of the gall bladder. *J Clin Pathol* 1995; 48:965-967.
17. Merchant TE, Diamantis PM, **Lauwers GY**, Haida T, Kasimos JN, Guillem J, Glonek T, Minsky BD. Characterization of malignant colon tumors with <sup>31</sup>P NMR phospholipid and phosphatic metabolite profile. *Cancer* 1995; 76:1715-1723.
18. Zhang ZF, Karpeh MS, **Lauwers GY**, Marrero AM, Pollack D, Cordon Cardo C, Begg CB. A case-series study of p53 nuclear overexpression in early stage stomach cancer. *Cancer Prevention/N. Y. Academy of Sciences* 1995; 768:269-271.
19. Albino AP, Jaehne J, Altorki N, Blundell M, Urmacher C, **Lauwers GY**, Niedzwiecki D, Kelsen DP. Amplification of HER-2/new gene in human gastric adenocarcinomas correlation with primary site. *Eur J Surg Oncol* 1995; 21:56-60.
20. Marsh R de W, Chu N, Vauthey JN, Mendenhall WM, **Lauwers GY**, Bewsher C, Copeland EM. Preoperative Treatment of Locally Advanced and Unresectable Rectal Adenocarcinoma Utilizing Continuous Chronobiologically Shaped 5-FU Infusion and Radiation Therapy. *Cancer* 1996; 78:217-25.

21. Saunders M, Meloni AM, Chen Z, Sandberg AA, **Lauwers GY**. Two cases of low grade gastric leiomyosarcoma with monosomy 14 as the only change. *Cancer Genet Cytogenet* 1996; 90:184-185.
22. Fujita S, Rosen CB, Reed AI, Langham Jr. MR, Howard RJ, **Lauwers GY**, Scornik JC. The Significance of Performed Anti-Donor Antibodies in Liver Transplantation. *Transplantation* 1997; 63:84-88.
23. Solorzano CC, Pruitt JH, Ksontini R, Hess PJ, Edwards PD, Kaibara A, Abouhamze A, Auffenberg T, Galardy RE, Copeland III EM, Edwards CK, **Lauwers GY**, Clare-Salzler M, MacKay SLD, Moldawer LL, Lazarus DD. Involvement of 26kD Cell-Associated TNF $\alpha$  in Experimental Hepatitis and Exacerbation of Liver Injury with a TNF $\alpha$  Convertase Inhibitor. *J Immunol* 1997;158:414-19.
24. Vauthey JN, Tomczak RJ, Helmberger T, Gertsch P, Forsmark C, Caridi J, Reed A, Langham MR, **Lauwers GY**, Goffette P, Lerut J. The Arterioportal Fistula Syndrome: Clinico pathological Features, Diagnosis and Therapy. *Gastroenterology* 1997;113:1390-1401.
25. **Lauwers GY**, Kandemir O, Kubilis PS, Scott GV. Cellular Kinetics in Barrett's Epithelium Carcinogenic Sequence: Roles of Apoptosis, Bcl-2 protein and cellular proliferation. *Mod Pathol* 1997; 12:1201-1208.
26. **Lauwers GY**, Grant LD, Scott GV, Carr NJ, Sobin LH. Spindle Cell Squamous Carcinoma of the Esophagus. Analysis of ploidy and tumor proliferative activity in a series of 13 cases. *Hum Pathol* 1998;29:863-868.
27. **Lauwers GY**, Shimizu M, Correa P, Riddell RH, Kato Y, et al. Evaluation of Gastric Biopsies for Neoplasia: Differences Between Japanese and Western Pathologists. *Am J Surg Pathol* 1999;23:511-518.
28. Dickson RC, **Lauwers GY**, Rosen CB, Cantwell R, Nelson DR, Lau, JYN. The Utility of Non-Invasive Serologic Markers in the Management of Early Allograft Rejection in Liver Transplantation Recipients. *Transplantation* 1999;68:247-253.
29. Merchant TE, Minsky BD, **Lauwers GY**, Diamantis PM, Haida T, Glonek T. Esophageal Cancer Phospholipids Correlated with Histopathologic Findings: A P NMR Study. *NMR in Biomedicine* 1999;12:1-5.
30. Vauthey, J-N, Marsh R de W, Zlotecki RA, Abdalla EK, Solorzano CC, Bray EJ, Freeman ME, **Lauwers GY**, Kubilis PS, Mendenhall WM, Copeland EM. Recent advances in the treatment and outcome of locally advanced rectal cancer. *Ann Surg* 1999;229:745-754.
31. Campbell-Thompson M, **Lauwers GY**, Reyher KK, Cromwell J, Shiverick KT. 17  $\beta$ -estradiol modulates gastroduodenal preneoplastic alterations in rats exposed to the carcinogen N-methyl-N'-nitro guanidine. *Endocrinology* 1999;140:4886-4894.
32. Scornik JC, **Lauwers GY**, Reed AI, Howard RJ, Dickson RC, Rosen CB. Infusion of Donor Spleen Cells and Rejection in Liver Transplant Recipients. *Clin Transplantation* 2000;14:55-60.
33. **Lauwers GY**, Perez-Atayde A, Dorfman RF, Rosai J. The Digestive System Manifestations of Rosai-Dorfman Disease (Sinus Histocytosis with Massive Lymphadenopathy). *Human Pathol* 2000;31:380-385.
34. Nelson DR, **Lauwers GY**, Lau JYN, Davis GL. Interleukin 10 Treatment Reduces Fibrosis in Patients with Chronic Hepatitis C: a Pilot Trial of Interferon Nonresponders. *Gastroenterology* 2000;118:655-660.
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36. Vauthey JN, Chaoui A, Bilimoria M, Do, KA, Charnsangavej C, Hicks M, Alfasser G, **Lauwers GY**, Hawkins R, Caridi J. Standardized measurement of the future liver remnant prior to extended liver resection: methodology and clinical associations. *Surgery*. 2000;127:512-9.
37. Peen E, Hahn P, **Lauwers GY**, Gleich G, Kephart GM, Williams RC. Churg-Strauss Syndrome: Localization of Eosinophil Major Basic Protein in Damaged Tissues. *Arthritis and Rheumatism*, 2000
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## Letters

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### **Professional Educational Materials or Reports, in print or other media**

1. Course Syllabus, "Gastric pathology: an updated review and practical approach to diagnosis." ASCP Workshop. Spring Meeting, Boston 1996. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
2. Course Syllabus, "Gastric pathology: an updated review and practical approach to diagnosis." ASCP Workshop. Fall Meeting, Philadelphia, 1997. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
3. Course Syllabus, "Gastric pathology: an updated review and practical approach to diagnosis." ASCP Workshop. Spring Meeting, New Orleans, 1999. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
4. Course Syllabus, "Liver biopsy interpretation, emphasizing commonly encountered problems in daily practice." Current Concepts in Surgical Pathology. Massachusetts General Hospital 22nd Annual Course, Boston, MA, 2001. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
5. Course Syllabus, "Solitary Liver Masses: Benign and Malignant." Current Concepts in Surgical Pathology. Massachusetts General Hospital 22nd Annual Course, Boston, MA, 2001. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
6. Course Syllabus, "Gastric pathology: an updated review and practical approach to diagnosis." ASCP Workshop. Spring Meeting, Santa Monica, CA, June 7, 2002. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
7. Course Syllabus, "Solitary Liver Masses: Benign and Malignant." Current Concepts in Surgical Pathology, 24th Annual Course. Harvard Medical School and MGH Course, Boston, MA, November 13, 2002. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
8. Course Syllabus, "Colitides: an algorithmic approach to the diagnosis." Current Concepts in Surgical Pathology, 24th Annual Course. Harvard Medical School and MGH Course, Boston, MA, November 15, 2002. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
9. Course Syllabus, "Polyps and Tumors of the Stomach." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, Chicago, IL, Spring 2003. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
10. Course Syllabus, "Colitis: An algorithmic approach emphasizing new entities." Current Concepts in Surgical Pathology. Massachusetts General Hospital 25th Annual Course, Boston, MA, 2003.



Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).

11. Course Syllabus, "Polypoid lesions of the stomach." Current Concepts in Surgical Pathology. Massachusetts General Hospital 25th Annual Course, Boston, MA, 2003. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
12. Course Syllabus, "A practical approach to the diagnosis of colitis." Current Concepts in Surgical Pathology. Massachusetts General Hospital 25th Annual Course, Boston, MA, 2003. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
13. Course Syllabus, "Inflammatory Bowel Disease: Criteria for Diagnosis Including Dysplasia." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL, March 27, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
14. Course Syllabus, "Colitis Other Than Inflammatory Bowel Disease." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
15. Course Syllabus, "Gastric Pathology Emphasizing Gastritis, Polyps, and Their Complications." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
16. Course Syllabus, "The Solitary Liver Mass: Problems in Interpretation." MGH Surgical Pathology for the Practicing Pathologist: Selected Topics. Ft. Myers, FL, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
17. Course Syllabus, "Polyps and Tumors of the Stomach." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, Santa Fe, NM, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
18. Course Syllabus, "Interpreting Esophageal and Gastric Biopsies." Combined BWH, BID, & MGH Comprehensive Review of Gastroenterology Course, Boston, MA, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
19. Course Syllabus, "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).

20. Course Syllabus, "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
21. Course Syllabus, "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, 2004. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
22. Course Syllabus, "Polyps and Tumors of the Stomach." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, Rancho Mirage, CA, 2005. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
23. Course Syllabus, "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 9-12, 2005. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
24. Course Syllabus, "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 9-12, 2005. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
25. Course Syllabus, "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 9-12, 2005. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
26. Course Syllabus, "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 9-12, 2005. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
27. Course Syllabus, "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 1-4, 2006. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
28. Course Syllabus, "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 1-4, 2006. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
29. Course Syllabus, "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 1-4, 2006. Continuing medical education for

practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).

30. Course Syllabus, "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 1-4, 2006. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
31. Course Syllabus, "Surgical Pathology of the Gastrointestinal Tract." American Society for Clinical Pathology, Charleston, SC, May 2006. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
32. Course Syllabus, "A practical approach to the cytopathology and surgical pathology of cystic pancreatic lesions." Weekend of Pathology. American Society for Clinical Pathology. Las Vegas, NV, February 10, 2007. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
33. Course Syllabus, "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 7-10, 2007. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
34. Course Syllabus, "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 7-10, 2007. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
35. Course Syllabus, "Pathology of the appendix." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 7-10, 2007. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
36. Course Syllabus, "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 7-10, 2007. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
37. Course Syllabus, "Polyps and Tumors of the Stomach." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, Phoenix, AZ, May, 2007. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
38. Course Syllabus, "Gastric Pathology: an updated review and practical approach." American Society for Clinical Pathology, Miami, FL, April 26, 2008. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
39. Course Syllabus, "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 5-8, 2008. Continuing

medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).

40. Course Syllabus, "Systemic disorders of the gastrointestinal tract." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 5-8, 2008. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
41. Course Syllabus, "Non-IBD colitis." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 5-8, 2008. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
42. Course Syllabus, "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course. Boston, MA, May 5-8, 2008. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
43. Course Syllabus, "Polyps and Tumors of the Stomach." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, Santa Barbara, CA, June, 2008. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
44. Course Syllabus, "Cystic tumors of the pancreas." XIVth Indo-US International CME in Surgical Pathology, Cytology, and Hematology. Agra, India, February, 2009. Continuing medical education for Indian practicing pathologists.
45. Course Syllabus, "Non-epithelial Tumors of the GI Tract." XIVth Indo-US International CME in Surgical Pathology, Cytology, and Hematology. Agra, India, February, 2009. Continuing medical education for Indian practicing pathologists.
46. Course Syllabus, "Pathology of Early Gastric Neoplasms – Evolving Concepts and Clinical Implications." GI Cancer Program Research Seminar Series, M.D. Anderson Cancer Center, Houston, TX, January 7-8, 2009. Continuing medical education for practicing pathologists and trainees.
47. Course Syllabus, "Inflammatory Bowel Disease: Histologic Controversies and Solutions." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Boston, MA, March 20-23, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
48. Course Syllabus, "Other Forms of Colitis: Survey of Their Broad Spectrum." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Boston, MA, March 20-23, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).

49. Course Syllabus, "Gastritis and Gastropathies, Other than H. Pylori Gastritis." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Boston, MA, March 20-23, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
50. Course Syllabus, "Gastric Tumors: An Update." Harvard Medical School, Surgical Pathology for the Practicing Pathologist, Boston, MA, March 20-23, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
51. Course Syllabus, "Biopsy diagnosis of inflammatory diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 4-7, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
52. Course Syllabus, "Biopsy diagnosis of neoplastic diseases of the stomach." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 4-7, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
53. Course Syllabus, "Non-IBD colitis." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 4-7, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
54. Course Syllabus, "Gastrointestinal manifestations of systemic disorders." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 4-7, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
55. Course Syllabus, "Update on colon cancer." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 4-7, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
56. Course Syllabus, "Diagnosis and differential diagnosis of cystic pancreatic tumors." Harvard Medical School Gastrointestinal, Liver, and Pancreatic Pathology Course, Boston, MA, May 4-7, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
57. Course Syllabus, "Polyps and Tumors of the Stomach." Annapolis, MD. American Society for Clinical Pathology Surgical Pathology of the Gastrointestinal Tract course, Annapolis, MA June, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
58. Course Syllabus, "Non-Helicobacter pylori gastritis: An ever-extending differential diagnosis." Guest speaker to Australian pathologists and trainees. Brisbane, Australia. Gastrointestinal Tract

Course, Pathology Queensland and University of Queensland. October, 2009. Continuing medical education for Australian practicing pathologists and trainees.

59. Course Syllabus, "Barrett's esophagus: Current status and new directions." Guest speaker to Australian pathologists and trainees. Brisbane, Australia. Gastrointestinal Tract Course, Pathology Queensland and University of Queensland. October, 2009. Continuing medical education for Australian practicing pathologists and trainees.
60. Course Syllabus, "Prognostic factors in colorectal cancer: Deconstructing the TNM system." Brisbane, Australia. Gastrointestinal Tract Course, Pathology Queensland and University of Queensland. October 2009. Continuing medical education for Australian practicing pathologists and trainees.
61. Course Syllabus, "Gastric polyps, dysplasia, and early cancer: An update." UCSF Liver and Gastrointestinal Pathology Update Course, San Francisco, September 4, 2009. Continuing medical education for practicing pathologists and trainees (predominantly in the U.S. and Canada, with a few international attendees).
62. Course Syllabus, "Colitis: Survey of its broad spectrum." Guest speaker to Romanian pathologists and trainees. Bucharest, Romania. Second International Course on Digestive Pathology, the "Victor Babeş" National Institute of Pathology and the Pathology Department "Carol Davila" University of Medicine and Pharmacy - Bucharest and Romanian Division of International Academy of Pathology, November 6-7, 2009. Continuing medical education for Romanian practicing pathologists and trainees.
63. Course Syllabus, "Gastric polyps, dysplasia, and early cancer: An update." Bucharest, Romania. Second International Course on Digestive Pathology, the "Victor Babeş" National Institute of Pathology and the Pathology Department "Carol Davila" University of Medicine and Pharmacy - Bucharest and Romanian Division of International Academy of Pathology, November 6-7, 2009. Continuing medical education for Romanian practicing pathologists and trainees.
64. Course Syllabus, "Non H. Pylori Gastritis: Extending Our Horizons." The McKee Cytology Seminar and Pratt-Thomas Surgical Pathology Symposium in Gastrointestinal & Hepatic Pathology course. Medical University of South Carolina, Kiawah Island, SC, April 22, 2010. Continuing medical education for American practicing pathologists and residents.
65. Course Syllabus, "Gastric Bumps and Lumps: An Update." The McKee Cytology Seminar and Pratt-Thomas Surgical Pathology Symposium in Gastrointestinal & Hepatic Pathology course. Medical University of South Carolina, Kiawah Island, SC, April 22, 2010. Continuing medical education for American practicing pathologists and residents.
66. Course Syllabus, "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA, May 10, 2010. Continuing medical education for American and international practicing pathologists and trainees.

67. Course Syllabus, "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA, May 10, 2010. Continuing medical education for American and international practicing pathologists and trainees.
68. Course Syllabus, "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA, May 10, 2010. Continuing medical education for American and international practicing pathologists and trainees.
69. Course Syllabus, "Update on colon cancer and pathologic staging." Gastrointestinal, Liver and Pancreatic Pathology. Harvard Medical School and MGH course, Boston, MA, May 11, 2010. Continuing medical education for American and international practicing pathologists and trainees.
70. Course Syllabus, "Gastritis: beyond *Helicobacter pylori*." II International Pathology Meeting Along the Way to Santiago, Porto, Portugal, May 22, 2010. Continuing medical education for European and American practicing pathologists.
71. Course Syllabus, "Biopsy diagnosis of non-IBD colitis." II International Pathology Meeting Along the Way to Santiago, Porto, Portugal, May 22, 2010. Continuing medical education for European and American practicing pathologists.
72. Course Syllabus, "Gastric neoplasia – East versus West." International Gastrointestinal Pathology Symposium in Conjunction with the 8th Annual Meeting of the Irish Society of Surgical Pathology. Killarney, Ireland. September 23, 2010. Continuing medical education for European and international practicing pathologists.
73. Course Syllabus, "IBD and dysplasia." International Gastrointestinal Pathology Symposium in Conjunction with the 8th Annual Meeting of the Irish Society of Surgical Pathology. Killarney, Ireland, September 24, 2010. Continuing medical education for European and international practicing pathologists.
74. Course Syllabus, "Gastritis." Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa, March 19, 2010. Continuing medical education for African and international practicing pathologists.
75. Course Syllabus, "Drug-induced pathology of the GI tract." Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa, March 19, 2010. Continuing medical education for African and international practicing pathologists.
76. Course Syllabus, "Non-IBD colitis." Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa, March 19, 2010. Continuing medical education for African and international practicing pathologists.
77. Course Syllabus, "Gastric bumps and lumps." Bushpath 2011 Symposium on Gastro-intestinal, Soft Tissue/Bone and Gynaecologic Pathology. University of Pretoria, South Africa, March 20, 2010. Continuing medical education for African and international practicing pathologists.

78. Course Syllabus, "Biopsy diagnosis of colitis: challenges and solutions." College of American Pathologists 2010 annual meeting. Chicago, Illinois, September 28, 2010. Continuing medical education for American practicing pathologists and residents.
79. Course Syllabus, "Non-HP gastritis and gastric polyps: a practical review." College of American Pathologists 2010 annual meeting. Chicago, Illinois, September 28, 2010. Continuing medical education for American practicing pathologists and residents.
80. Course Syllabus, "Dysplasia in the GI tract: Evolving concepts." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA, November 8, 2010. Continuing medical education for American practicing pathologists and residents.
81. Course Syllabus, "Iatrogenic and drug induced pathology of the GI tract." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA, November 11, 2010. Continuing medical education for American practicing pathologists and trainees.
82. Course syllabus, "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 2, 2011. Continuing medical education for American and international practicing pathologists and trainees.
83. Course syllabus, "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 2, 2011. Continuing medical education for American and international practicing pathologists and trainees.
84. Course syllabus, "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 2, 2011. Continuing medical education for American and international practicing pathologists and trainees.
85. Course syllabus, "Autoimmune pathology of the GI tract." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 5, 2011. Continuing medical education for American and international practicing pathologists and trainees.
86. Course Syllabus, "Dysplastic Barrett's esophagus: old hobgoblins, new gremlins." Pathology of Neoplastic Diseases. Memorial Sloan-Kettering Cancer Center, New York, NY, May 16, 2011. Continuing medical education for American practicing pathologists, residents, and fellows.
87. Course Syllabus, "Early gastric neoplasms: what you need to spot and what to do about it." Pathology of Neoplastic Diseases. Memorial Sloan-Kettering Cancer Center, New York, NY, May 16, 2011. Continuing medical education for American practicing pathologists, residents, and fellows.
88. Course Syllabus, "Gastric Neoplasia: Updated and evolving concepts." Annual Scientific Meeting, Australasian Division of the International Academy of Pathology, Sydney, Australia, June 3, 2011. Continuing medical education for Australasian practicing pathologists and trainees.



89. Course Syllabus, "Dysplasia in the GI tract: Evolving concepts." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA, November 14, 2011. Continuing medical education for American practicing pathologists and residents.
90. Course Syllabus, "Iatrogenic and drug induced pathology of the GI tract." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA, November 17, 2011. Continuing medical education for American practicing pathologists and trainees.
91. Course Syllabus, "Non-IBD colitis: How to communicate with the clinicians." 23rd Congress of the Arab Division of the International Academy of Pathology. Course sponsored by the American University of Beirut and Cleveland Clinic. Beirut, Lebanon, December 1, 2011. Continuing medical education for Middle Eastern practicing pathologists and trainees.
92. Course Syllabus, "Gastric adenocarcinoma: An update." 23rd Congress of the Arab Division of the International Academy of Pathology. Course sponsored by the American University of Beirut and Cleveland Clinic. Beirut, Lebanon, December 1, 2011. Continuing medical education for Middle Eastern practicing pathologists and trainees.
93. Course syllabus, "Colitis: diagnostic problems in biopsy specimens." Surgical Pathology for the Practicing Pathologist course. Harvard Medical School and MGH course, Ft. Myers, FL, March 8, 2012. Continuing medical education for American practicing pathologists.
94. Course syllabus, "Update in gastric pathology: selected novel entities." Surgical Pathology for the Practicing Pathologist course. Harvard Medical School and MGH course, Ft. Myers, FL, March 9, 2012. Continuing medical education for American practicing pathologists.
95. Course syllabus, "Gastric polyps and tumors." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology course, Chicago, IL, May 1, 2012. Continuing medical education for American practicing pathologists.
96. Course syllabus, "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 7, 2012. Continuing medical education for American and international practicing pathologists and trainees.
97. Course syllabus, "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 7, 2012. Continuing medical education for American and international practicing pathologists and trainees.
98. Course syllabus, "Autoimmune pathology of the GI tract." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 10, 2012. Continuing medical education for American and international practicing pathologists and trainees.
99. Course syllabus, "Evolving Trends in Gastric Cancer." Seminars in Surgical Pathology. University of Massachusetts. Worcester, MA, May 30, 2012. Continuing medical education to practicing pathologists and trainees in Massachusetts.

100. Course syllabus, "Non-HP Gastritis and Gastric Polyps: A Practical Review." CAP '12 THE Pathologists' Meeting, College of American Pathologists. San Diego, CA, September 9, 2012. Continuing medical education for American practicing pathologists.
101. Course syllabus, "Biopsy Diagnosis of Colitis: Challenges and Solutions." CAP '12 THE Pathologists' Meeting, College of American Pathologists. San Diego, CA, September 10, 2012. Continuing medical education for American practicing pathologists.
102. Course syllabus, "Gastric dysplasia: expanding our horizons." XXIX Congress of the International Academy of Pathology. Cape Town, South Africa, October 1, 2012. Continuing medical education for international practicing pathologists.
103. Course syllabus, "Non-Helicobacter gastritis: a not so simple review." XXIX Congress of the International Academy of Pathology. Cape Town, South Africa, October 4, 2012. Continuing medical education for international practicing pathologists.
104. Course syllabus, "Les dysplasies du tube digestif: une revue critique." Département de Biologie Moléculaire, Biochimie Médicale et Pathologie, Université Laval. 49ème Journée Scientifique Annuelle "Carlton-Auger." Quebec City, Canada, October 20, 2012. Continuing medical education for Canadian practicing pathologists and trainees.
105. Course syllabus, "Dysplasias of the gastrointestinal tract: Current trends." Current Concepts in Surgical Pathology course. Harvard Medical School and MGH course. Boston, MA, November 12, 2012. Continuing medical education for American practicing pathologists and trainees.
106. Course syllabus, "Algorithmic approach to diagnosis of inflammatory disorders of the gastrointestinal tract." Short course. United States and Canadian Academy of Pathology. Baltimore, MD, March 7, 2013. Continuing medical education for international pathologists and trainees.
107. Course syllabus, "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, April 29, 2013. Continuing medical education for American and international practicing pathologists and trainees.
108. Course syllabus, "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, April 29, 2013. Continuing medical education for American and international practicing pathologists and trainees.
109. Course syllabus, "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, April 29, 2013. Continuing medical education for American and international practicing pathologists and trainees.
110. Course syllabus, "Autoimmune pathology of the GI tract." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 2, 2013. Continuing medical education for American and international practicing pathologists and trainees.

111. Course Syllabus, "Gastric Polyps and Tumors." Surgical Pathology of the Gastrointestinal Tract course. American Society for Clinical Pathology. Las Vegas, NV, May 7, 2013. Continuing medical education for American and international practicing pathologists and trainees.
112. Course syllabus, "Upper GI Disease: The Pathologist's Role in Diagnosis, Precision Testing and Personalized Medicine - GIPS" American Society for Clinical Pathology Annual Meeting 2013. Chicago, IL, September 20, 2013. Continuing medical education for American and international practicing pathologists and trainees.
113. Course syllabus, "Uncommon types of dysplasia in the digestive tract." Fourth Belgian Week of Pathology. Ghent, Belgium October 4, 2013. Continuing medical education for American and international pathologists and trainees.
114. Course syllabus, "Biopsy approach to inflammatory diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 19, 2014. Continuing medical education for American and international practicing pathologists and trainees.
115. Course syllabus, "Biopsy approach to neoplastic diseases of the stomach." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 19, 2014. Continuing medical education for American and international practicing pathologists and trainees.
116. Course syllabus, "Biopsy approach to non-IBD colitis." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 19, 2014. Continuing medical education for American and international practicing pathologists and trainees.
117. Course syllabus, "Autoimmune pathology of the GI tract." Gastrointestinal, Liver, and Pancreatic Pathology course. Harvard Medical School and MGH course. Boston, MA, May 22, 2014. Continuing medical education for American and international practicing pathologists and trainees.
118. Course syllabus, "Biopsy of inflammatory conditions of the stomach and duodenum: a systematic approach." 7th Annual Midwestern Conference: Update Course in Surgical Pathology. Medical College of Wisconsin Department of Pathology. Milwaukee, WI, September 13, 2014. Continuing medical education for American practicing pathologists and trainees.
119. Course syllabus, "What's new in gastric pathology?" 7th Annual Midwestern Conference: Update Course in Surgical Pathology. Medical College of Wisconsin Department of Pathology. Milwaukee, WI, September 13, 2014. Continuing medical education for American practicing pathologists and trainees.
120. Course syllabus, "Gastric cancer: 'The times they are a-changin'." Pathology Alumni Meeting 2014, Updates and Emerging Technologies in Surgical Pathology. Lenox Hill Hospital Continuing Medical Education Conference. New York, NY, September 19, 2014. Continuing medical education for American and international practicing pathologists.
121. Course syllabus, "Non-neoplastic esophageal disorders: Beyond Barrett's esophagus." Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates

in Pathology. Warsaw, Poland, October 2, 2014. Continuing medical education for Polish practicing pathologists and trainees.

122. Course syllabus, "Gastritis: It is not only about H. pylori." Guest speaker to Polish pathologists and trainees. Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology. Warsaw, Poland, October 2, 2014. Continuing medical education for Polish practicing pathologists and trainees.
123. Course syllabus, "Gastric polyps: A practical review." Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology. Warsaw, Poland, October 2, 2014. Continuing medical education for Polish practicing pathologists and trainees.
124. Course syllabus, "Biopsy of inflammatory conditions of the duodenum: A systematic approach." Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology. Warsaw, Poland, October 2, 2014. Continuing medical education for Polish practicing pathologists and trainees.
125. Course syllabus, "Inflammatory bowel disease: A review of basic criteria, histologic challenges, and controversial issues." Diagnostic Problems in Gastrointestinal Pathology for the Practicing Pathologist. Newpathology.com Updates in Pathology. Warsaw, Poland, October 2, 2014. Continuing medical education for Polish practicing pathologists and trainees.
126. Course syllabus, "Inflammatory and infectious diseases of the GI tract: Drug injury." XXXth Congress of the International Academy of Pathology. Bangkok, Thailand. October 6, 2014. Continuing medical education for international practicing pathologists and trainees.
127. Course syllabus, "Update on hereditary gastric cancer: HDGC and other syndromic gastric cancers." XXXth Congress of the International Academy of Pathology. Bangkok, Thailand. October 6, 2014. Continuing medical education for international practicing pathologists and trainees.
128. Course syllabus, "Update on inflammatory diseases of the stomach." Fifth Belgian Week of Pathology. Ghent, Belgium. October 24, 2014. Continuing medical education for Belgian pathologists and trainees.
129. Course syllabus, "Non-Neoplastic Esophageal Disorders: Beyond Barrett's Esophagus." GI Pathology Update: Challenges from the WHO "Blue Book." October 30, 2014. Continuing medical education for international practicing pathologists.
130. Course syllabus, "Gastritis: It is Not all About H. pylori." GI Pathology Update: Challenges from the WHO "Blue Book." October 30, 2014. Continuing medical education for international practicing pathologists.
131. Course syllabus, "Gastric epithelial neoplasms: expecting the unexpected." Current Concepts in Surgical Pathology. 36th Annual Course., Boston, MA. November 17, 2014. Continuing medical education for American practicing pathologists and trainees.

132. Course syllabus, "Iatrogenic pathology of the gastrointestinal tract - selected topics." Current Concepts in Surgical Pathology. 36th Annual Course., Boston, MA. November 21, 2014. Continuing medical education for American practicing pathologists and trainees.
133. Course syllabus, "In Vitro Microscopy of the upper gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. Boston, MA. November 22, 2014. Continuing medical education for American practicing pathologists and trainees.
134. Course syllabus, "In Vitro Microscopy of the lower gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. Boston, MA. November 22, 2014. Continuing medical education for American practicing pathologists and trainees.
135. Course syllabus, "Algorithmic approach to diagnosis of inflammatory disorders of the gastrointestinal tract." Short course. United States and Canadian Academy of Pathology. Boston, MA. March 26, 2015. Continuing medical education for international pathologists and trainees.
136. Course syllabus, "pCLE in the upper GI tract." International Conference of Cellvizio users, Lisbon, Portugal. April 11, 2015. Continuing medical education for international pathologists and trainees.
137. Course syllabus, "pCLE in the lower GI tract." International Conference of Cellvizio users, Lisbon, Portugal. April 11, 2015. Continuing medical education for international pathologists and trainees.
138. Course syllabus, "Gastric polyps and tumors." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, New Orleans, LA, April 14, 2015. Continuing medical education for American practicing pathologists and trainees.
139. Course syllabus, "IVM of the upper gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. Houston, TX. July 11, 2015. Continuing medical education for American practicing pathologists and trainees.
140. Course syllabus, "IVM of the lower gastrointestinal tract." Introduction to In Vivo Microscopy (IVM) Interpretation for the Practicing Pathologist. Houston, TX. July 11, 2015. Continuing medical education for American practicing pathologists and trainees.
141. Course syllabus, "Biopsy approach to non-IBD colitis: The ever-evolving differential diagnosis." 2015 Boston-Kyoto Surgical Pathology Update. Kyoto, Japan. October 4, 2015. Continuing medical education for international pathologists and trainees.
142. Course syllabus, "Small bowel biopsies: If not celiac, then what?" 2015 Boston-Kyoto Surgical Pathology Update. Kyoto, Japan. October 4, 2015. Continuing medical education for international pathologists and trainees.
143. Course syllabus, "The increasing range of iatrogenic pathologies of the GI tract." 2015 Boston-Kyoto Surgical Pathology Update. Kyoto, Japan. October 4, 2015. Continuing medical education for international pathologists and trainees.
144. Course syllabus, "In vivo Microscopy of the Gastrointestinal Tract: Introduction of Concepts and Early Applications." Twenty-Sixth Annual Alumni Reunion, Loma Linda Pathology and Human

Anatomy. Redlands, CA. March 4, 2016. Continuing medical education for American practicing pathologists.

145. Course syllabus, "Gastric Adenocarcinoma – Evolving Concepts in 2016." Twenty-Sixth Annual Alumni Reunion, Loma Linda Pathology and Human Anatomy. Redlands, CA. March 4, 2016. Continuing medical education for American practicing pathologists.
146. Course syllabus, "Twists and turns of non-Helicobacter pylori gastritis." Digestive Disease Along the Douro Valley. Sociedade Portuguesa de Anatomia Patologica. Douro, Portugal. May 27, 2016. Continuing medical education for international pathologists.
147. Course syllabus, "Dysplasia in inflammatory and polypoid lesions: Upper GI tract." Digestive Disease Along the Douro Valley. Sociedade Portuguesa de Anatomia Patologica. Douro, Portugal. May 29, 2016. Continuing medical education for international pathologists.
148. Course syllabus, "Gastric polyps and tumors." Surgical Pathology of the Gastrointestinal Tract. American Society for Clinical Pathology, Austin, TX, Continuing medical education for American practicing pathologists and trainees.

## Clinical Guidelines and Reports

### Standard of care

Greene, FL, Page DL, Fleming ID, Fritz AG, Balch CM, Haller DG, Morrow M, eds. AJCC Cancer Staging Manual, Sixth Edition. New York: Springer-Verlag, 1998. Member of the AJCC Staging Committee, Digestive Cancers Task Force.

### Standard of care

Edge SB, Byrd DR, Compton CC, Fritz AG, Greene FL, Trotti A. AJCC Cancer Staging Manual, Seventh Edition. New York: Springer-Verlag, 2010. Member of the AJCC Staging Committee, Digestive Cancers Task Force.

### Standard of care

The Royal College of Pathologists of Australasia. Structured Pathology Reporting of Cancer Project. Member of the Editorial Committee, Digestive Cancers: Esophagus and Stomach. 2010.

### Clinical guidelines

Kelly PJ, **Lauwers GY**. Clinical guidelines: Consensus for the management of patients with gastric polyps. Nat Rev Gastroenterol Hepatol. 2011;8(1):7-8.

### Standard of care

Kumarasinghe MP, Brown I, Raftopoulos S, Bourke MJ, Charlton A, de Boer WB, Eckstein R, Epari K, Gill AJ, Lam AK, Price T, Streutker C, **Lauwers GY**. Standardised reporting protocol for endoscopic resection for Barrett oesophagus associated neoplasia: expert consensus recommendations. Pathology. 2014;46(6):473-480.

## Thesis

**Lauwers GY.** "Esophageal Ectopic Gastric Mucosa." Paris, France. University of Paris [Paris VII – Didier Diderot] (Centre Hospitalier Universitaire Lariboisière – Saint Louis), 1986. President de Thèse: Professor J. Lubetzki, Chef de Service, Hopital Lariboisière.