

## **Jonathan Phillip Terdiman, M.D.**

Professor of Clinical Medicine and Surgery  
Clinical Director, Colitis and Crohn's Disease Center  
Director, Hereditary Gastrointestinal Cancer Prevention Program  
Program Director, Gastroenterology Fellowship Training Program

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### **Research**

I perform clinical and translation research in the areas of colorectal cancer prevention, especially among individuals at high risk for cancer, such as those with hereditary cancer syndromes or those with longstanding inflammatory bowel disease. Particular areas of interest include the optimal provision of genetic counseling and testing, cancer risk factor identification and risk mitigation by interventions such as drugs (chemoprevention) and colonoscopy. I also study the use of genetic and genomic markers to determine cancer risk and prognosis and prediction of response to therapy among those already diagnosed with cancer. I also am interested in projects related to biomarkers of prognosis and prediction of response to therapies in patients with inflammatory bowel disease. My research is performed in collaboration with basic science investigators in the UCSF Cancer Center (Fred Waldman, MD, PhD), UCSF Center for Colitis and Crohn's Disease (Averil Ma, MD), and investigators at outside institutions including the Division of Research of Kaiser Permanente-northern California, the Dana Farber and MD Anderson Cancer Center, the Mayo Clinic in Rochester, MN and others.

### **Career Narrative**

Co-Director Metabolism and Nutrition Block (IDS 106), UCSF: I helped to devise and implement the GI curriculum for this required block taught to 1st year medical students during the late winter each year. I authored a large portion of the student syllabus relating to GI pathophysiology and disease and authored several of the small group case discussions used during the block.

Program Director, Gastroenterology Fellowship Training Program, UCSF: The GI Fellowship Training Program at UCSF trains 6 fellows per year (total of 18 fellows enrolled in the 3 year program at any one time). I have primary responsibility for selection of incoming fellows, ensuring that enrolled fellows are progressing in accordance with the curriculum, goals and objectives of the program, evaluating and updating the program's goals and objectives, evaluating fellow progress in the six ACGME specified competencies, as well as technical/procedural proficiency and providing feedback and career counseling to the fellows, ensuring that the program is in compliance with all UCSF and ACGME guidelines, teaching and training faculty and providing feedback to them regarding their teaching. In my capacity as GI fellowship director I also have joined the faculty of the Colorectal Surgery Fellowship Program and provide the instruction to the colorectal surgery fellow in colonoscopy and GI disease.

### **Education**

1981-85            College, Princeton University, A.B., cum laude  
1985-89            Medical School, Columbia University, College of Physicians and Surgeons, M.D.

### **Training**

1989-1990 Internship, Internal Medicine, University of California, San Francisco  
1990-1992 Residency, Internal Medicine, University of California, San Francisco  
1992-1993 Fellowship, Critical Care Medicine, University of California, San Francisco  
1993-1996 Fellowship, Gastroenterology, University of California, San Francisco

### **Certification**

1990-present Medical Board of California, License  
1994-present Drug Enforcement Administration Certificate  
1996-present Fluoroscopy Supervisor and Operator Permit, California  
1990 National Board of Medical Examiners, Diplomate  
1992 & 2002 American Board of Internal Medicine, Diplomate in Internal Medicine  
1995 & 2005 American Board of Internal Medicine, Diplomate in Gastroenterology

### **Memberships and Affiliations**

1992-present American College of Physicians  
1994-present American Gastroenterological Association  
1994-present American Society for Gastrointestinal Endoscopy  
1999-present Crohn's and Colitis Foundation of America

### **Service To Professional Organizations**

1999-present Abstract Review Committee: GI Oncology (American Gastroenterological Association)  
2000-present Abstract Review Committee, Chair: GI Oncology (AGA)  
2000-2002 Clinical Symposia Selection Committee, American Gastroenterological Association  
2001-2003 Medical Advisory Board Chair, Crohn's and Colitis Foundation, No. California Chapter  
1999-2000 Colon Cancer Initiative Team, Chair (American Cancer Society, California Division)  
1999-present Colon Cancer Initiative Team, member (ACS, California Division)  
2005-present National Comprehensive Cancer Network Colorectal Cancer Screening Panel  
2005-present Education and Training Committee Member (AGA)  
2008-present Research Grant Review Committee (AGA)

### **Selected Publications**

- Deng G, Nguyen A, Tanaka H, Matsuzaki K, Bell I, Mehta KR, **Terdiman JP**, Waldman FM, Kakar S, Gum J, Crawley S, Sleisenger MH, Kim YS. Regional hypermethylation and global hypomethylation are associated with altered chromatin conformation and histone acetylation in colorectal cancer. *Int J Cancer* 2006;118:2999-3005
- Levin B, Barthel JS, Burt RW, David DS, Ford JM, Giardiello FM, Gruber SB, Halverson AL, Hamilton S, Kohlmann W, Ludwig KA, Lynch PM, Marino C, Martin EW Jr, Mayer RJ, Pasche B, Pirruccello SJ, Rajput A, Rao MS, Shike M, Steinbach G, **Terdiman JP**, Weinberg D, Winawer SJ. Colorectal cancer screening. *J Natl Compr Canc Netw.* 2006;4(4):384-420.
- Yang K, Allen B, Conrad P, Powell CB, **Terdiman J**, Chen LM. Awareness of gynecologic surveillance in women from hereditary non-polyposis colorectal cancer families. *Fam Cancer.* 2006 Aug 26
- Trautmann K, **Terdiman JP**, French AJ, Roydasgupta R, Sein N, Karkar S, Fridlyand J, Snijders AM, Albertson DG, Thibodeau SN, Waldman FM. Chromosomal Instability in Microsatellite-Unstable and Stable Colon Cancer. *Clin Cancer Res.* 2006 Nov 1;12(21):6379-6385.
- **Terdiman JP**, Steinbuch M, Blumentals WA, Ullman TA, Rubin DT. 5-Aminosalicylic acid therapy and the risk of colorectal cancer among patients with inflammatory bowel disease. *Inflamm Bowel Dis.* 2007;13:367-71.
- Truta B, Chen YY, Blanco AM, Deng G, Conrad PG, Kim YH, Park ET, Karkar S, Kim YS, Velayso, F, Sleisenger MH, **Terdiman JP**. Tumor histology helps to identify Lynch syndrome among colorectal cancer patients. *Familial Cancer* February, 2008.

- Stoffel EM, Ford B, Mercado RC, Punglia D, Kohlmann W, Conrad P, Blanco A, Shannon KM, Powell M, Gruber SB, **Terdiman J**, Chung DC, Syngal S. Sharing genetic test results in Lynch syndrome: communication with close and distant relatives. *Clin Gastroenterol Hepatol* 2008;6:333-8.
- **Terdiman JP**. Embarrassment is a major barrier to colon cancer prevention, especially among women: a call to action. *Gastroenterology*. 2006;130(4):1364-5.
- Inadomi JM, **Terdiman J**. Exploring utilities and outcomes with infliximab therapy. *Clin Gastroenterol Hepatol*. 2006 Aug;4(8):976-8.
- Velayos FS, Varma MG, **Terdiman JP**. Polyposis and family cancer syndromes. In *Endoscopic Oncology*, ed. Faigel DO, Kochman ML. Totowa: Humana Press 2006, Chap 18:197-214.
- **Terdiman JP**. Ulcerative Colitis Patients with Dysplastic Polyps Should be Advised to Undergo Colectomy. *Inflamm Bowel Dis*. 2006 Sep;12(9):916-8.
- Shergill AK, **Terdiman JP**. Screening colonoscopy: The benefits are durable, but are they as great as we thought? *Gastroenterology*. 2006 Dec;131(6):2016-8.
- Shergill AK, **Terdiman JP**. Refining colorectal cancer screening recommendations based on gender. *Gastroenterology* 2007;132:2605-6.
- **Terdiman JP**. Prevention of postoperative recurrence in Crohn's disease. *Clinical Gastroenterol Hepatol* 2008;6:616-20.
- **Terdiman JP**. Hereditary diffuse gastric cancer: surveillance endoscopy is not enough to save lives. *Gastroenterology* 2007;133:1730-2.
- Shergill AK, **Terdiman JP**. Controversies in the treatment of Crohn's disease: The case for an accelerated step-up treatment approach. *World J Gastroenterol* 2008;14:2670-77.
- Li D, **Terdiman JP**. "Did you check my colon for flat polyps?" Should patients and colonoscopists really be concerned? *Gastroenterology*. 2008, in press.
- Shergill AK, **Terdiman JP**. The Early Use of Immunosuppression Reduces Morbidity in Patients with Moderately Severe or Severe Crohn's Disease. *Gastroenterology*, 2008;135:1417-20.
- Nguyen SP, Bent S, Chen YH, **Terdiman JP**. Gender as a risk factor for advanced neoplasia and colorectal cancer: a systematic review and meta-analysis. *Clin Gastroenterol Hepatol*. 2009 Jun;7(6):676-81.
- Wang JY, **Terdiman JP**, Vittinghoff E, Minichiello T, Varma MG. Hospitalized ulcerative colitis patients have an elevated risk of thromboembolic events. *World J Gastroenterol*. 2009 Feb 28;15(8):927-35.
- Li D, Jin C, McCulloch C, Kakar S, Berger BM, Imperiale TF, **Terdiman JP**. Association of Large Serrated Polyps With Synchronous Advanced Colorectal Neoplasia. *Am J Gastroenterol*. 2009;104:695-702.