## JOSHUA P. CANTOR, M.D.

## **EDUCATION**

1996–2000	Thomas Jefferson University Medical College, Philadelphia, PA, M.D.
1991–1995	Oberlin College, Oberlin, OH B.A., Philosophy

MEDICAL AND RESEARCH TRAINING	
7/2011-6/2012	Gastrointestinal and Hepatopathology Fellowship Program University of Pennsylvania Medical Center, Philadelphia, PA
7/2010–6/2011	Surgical Pathology Fellowship Program University of Pennsylvania Medical Center, Philadelphia, PA
4/2010-6/2010	Research Fellow, Department of Pathology Thomas Jefferson University Hospital, Philadelphia, PA
4/2006-3/2010	Pathology Residency Program (Anatomic and Clinical Pathology) Thomas Jefferson University Hospital, Philadelphia, PA
7/2004–3/2006	Research Fellowship, Division of Thoracic Surgery Principal investigator: Joseph S. Friedberg, MD Hospital of the University of Pennsylvania, Philadelphia, PA
7/2003-6/2004	Research Fellowship, Division of Thoracic Surgery Principal investigator: Kay Huebner, PhD Thomas Jefferson University Hospital, Philadelphia, PA

6/2000–6/2003 General Surgery Residency Program
Thomas Jefferson University Hospital, Philadelphia, PA

## LICENSURE & CERTIFICATIONS

11/2012 – Diplomat of American Board of Pathology, Anatomic and Clinical (cu	rrent)
	mem)
4/2012 – 25MA09093900 New Jersey (current)	
6/2003 – MD422101 Pennsylvania (current)	
5/2002 – USMLE step 3	
1/2000 – USMLE step 2	
7/1998 – USMLE step 1	

#### PROFESSIONAL EXPERIENCE

7/2012 – current Staff Pathologist

Department of Pathology Capital Health, Hopewell, NJ

#### **PUBLICATIONS**

- Sept 2012 Corr B, Mantia G, **Cantor J**, Furth E, LiVolsi V, Chu C. *Metastatic Cholangiocarcinoma to the Ovary: A Case Series*. International Journal of Gynecological Pathology. Accepted Sept 2012.
- Jun 2012 Lin H, Rutstein R, **Cantor J**, Anupindi SA, Matthews RP. *Cholangiocarcinoma* in a Young Woman with Perinatally Acquired HIV. Journal of Pediatric Gastroenterology and Nutrition. Accepted 2012 Jun 8
- Apr 2012 Guarner-Argente C, Buoncristiano T, Furth EE, **Cantor JP**, Falk G, Ginsberg G.

  Long Term Outcomes of Patients with Barrett's Esophagus and High Grade

  Dysplasia or Early Cancer Treated with Endoluminal Therapies with Intention to

  Complete Eradication. In submission.
- Oct 2011 Baliff JP, Cantor JP, Furth EE. Cystic Echinococcosis of the Liver: An Update for the Practicing Pathologist. Pathology Case Reviews 2011; 16: 246-50
- Dec 2008 Nair A, Salman S, **Cantor J**, Marik P. *A 56 year-old man with multiple airway procedures with fever, cough, and dyspnea.* Chest. 2008 Dec; 134(6): 1332-5
- Jan 2007 Cantor JP, Iliopoulos D, Rao AS, Druck T, Semba S, Han SH, McCorkell KA, Lakshman TV, Collins JE, Wachsberger P, Friedberg JS and Huebner K. Epigenetic modulation of endogenous tumor suppressor expression in lung cancer xenografts suppresses tumorigenicity. International Journal of Cancer. 2007 Jan; 120(1): 24-31
- Aug 2006 Carr SR, **Cantor JP**, Rao AS, Lakshman TV, Collins JE, Friedberg JS.

  Peritoneal Perfusion with Oxygenated Perfluorocarbon Augments Systemic
  Oxygenation. Chest. 2006 Aug; 130(2): 402-411
- Gordon F. Schwartz, MD, Andrew J. Meltzer, MD, Elizabeth A. Lucarelli, MD, **Joshua P. Cantor, MD**, and Paul G. Curcillo, II, MD. *Breast Conservation Following Induction Chemotherapy for Stage II Carcinoma of the Breast.*Journal of the American College of Surgeons. 2005 Sept; 201(3): 327-334

#### **CHAPTERS AND REVIEWS**

Apr 2011 Sepulveda AR, Goyal A, **Cantor JP.** *Pathology of Reactive Gastropathy*. E-medicine, <a href="http://emedicine.medscape.com/article/1962893-overview">http://emedicine.medscape.com/article/1962893-overview</a>

## **ABSTRACTS AND PRESENTATIONS**

March 2010	Cantor JP, Farber JL. Cytokeratin 8 Immunohistochemistry Distinguishes Chronic Hepatitis C From Steatohepatitis. United States and Canadian Academy of Pathology Annual Meeting, 2010. Washington DC
Oct 2008	Cantor JP, Brody J, Nguyen C, Potoczek M, Lisanti MP, Witkiewicz, AK. Co-expression of Fatty Acid Synthase and Caveolin-1 in Pancreatic Ductal Adenocarcinoma: Implications for Tumor Progression and Clinical Outcome. American Society of Clinical Pathology Annual Meeting, 2008. Baltimore, MD
Apr 2006	Cantor JP, Iliopoulos D, Rao AS, Commisso T, Semba S, Lakshman TV, Collins JE, Wachsberger P, Friedberg JS, Huebner, K. <i>Epigenetic modulation of endogenous tumor suppressor expression in lung cancer reduces tumorigenicity</i> . American Association of Cancer Research Annual Meeting, 2006. Washington, DC
Apr 2006	Lakshman TV, <b>Cantor JP</b> , Rao AS, Collins JE, Friedberg JS. <i>Effect of DNA methyltransferase and histone deacetylase inhibitors on tumorigenicity and MHC1 expression in a murine non-small cell lung cancer cell line</i> . American Association of Cancer Research Annual Meeting, 2006. Washington, DC
Mar 2006	Lakshman TV, <b>Cantor JP</b> , Rao AS, Yu D, Collins JE, Kuchar J, Carr SR, Culligan M, Friedberg JS. <i>Murine Lung Cancer Cells Transfected with IFNγ Provide Enhanced Prophylactic Immunity</i> . Annual Meeting of the Society of Surgical Oncology, 2006. San Diego, CA
Jan 2006	<b>Cantor JP.</b> <i>Epigenetic Therapy for Lung Cancer</i> . Oral Presentation at the monthly research conference for the Department of Radiation Oncology at the Hospital of the University of Pennsylvania.
Nov 2005	Cantor JP, Rao AS, Lakshman TV, Collins JE, Kuchar J, Yu D, Friedberg JS. <i>MHC1 Upregulation Increases Immunogenicity of Non-Small Cell Lung Cancer Cells in an Immunocompetent Murine Model</i> . AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics: Discovery, Biology, and Clinical Applications 2005. Philadelphia, PA
Apr 2005	Cantor JP, Rao AS, Commisso T, Wachsberger P, Friedberg JS, Huebner, K. <i>Decreased tumorigenicity of lung cancer cells by minimal Fhit expression.</i> American Association for Cancer Research Annual meeting, 2005. Anaheim, CA
Apr 2005	Cantor JP, Carr SR, Rao AS, Collins JE, Friedberg JS. An artificial lung in a

large animal model – using gastric and peritoneal perfusion with oxygenated perfluorocarbons. American Association for Thoracic Surgery 85<sup>th</sup> Annual

Meeting 2005. San Francisco, CA

Feb 2005

Cantor JP, Pechet T, Berd D, Tessonneaud A, Salvat S, Mitra M, Schea H, Rao AS, Lakshman TV, Collins JE, Sims T, Kuchar J, Culligan M, Friedberg, JS. *Generation of an Autologous, Hapten-Modified Non-Small Cell Lung Cancer Vaccine*. American Association for Cancer Research Molecular Pathogenesis of Lung Cancer: Opportunities for Translation to the Clinic 2005. San Diego, CA

Feb 2005

**Cantor JP**, Rao AS, Lakshman TV, Collins JE, Sims T, Sage J, Mercer K, Huebner K, Jacks T, Friedberg JS. *Characterization of an Immunocompetent Murine Model of Non-Small Cell Lung Cancer*. American Association for Cancer Research Molecular Pathogenesis of Lung Cancer: Opportunities for Translation to the Clinic 2005. San Diego, CA

Oct 2004

Friedberg JS, Cantor JP, Carr SR. et al. *Metastatic non-lung cancer carcinomas and sarcomas treated with photodynamic therapy - a Phase II study*. American College of Chest Physicians 2004. Seattle, Washington

#### RESEARCH

#### Current

### Hospital of the University of Pennsylvania, Pathology Department

- Evaluation of the histopathological and serological recurrence of HCV following IFN therapy in patients who have undergone orthotopic liver transplantation.
- Role of HER2 expression in high grade dysplasia and adenocarcinoma of the gastroesophageal junction

#### 2003 - 2006

# Thomas Jefferson University, Division of Thoracic Surgery University of Pennsylvania, Division of Thoracic Surgery

- Epigenetic effects of DNA methyltransferase and histone deacetylase inhibition on NSCLC tumor suppressor expression, tumorigenicity, and immunogenicity
- Effect of the FHIT gene on tumorigenesis in NSCLC
- Immunotherapy for NSCLC and mesothelioma
- Co-investigator of Phase I/II L-VAX lung cancer vaccine trial
- Genetic and immunomodulating effects of photodynamic therapy for NSCLC and mesothelioma

#### **CLINICAL TRIALS**

2006

Phase I/II L-Vax Trial: A Feasibility Study Using a DNP-Modified Autologous Tumor Cell Vaccine as Therapy in Patients With Stage I or II Non-Small Cell Lung Cancer. IND#BB IND 12634. Co-investigator. Patient accrual began in February 2006.

## **ACADEMIC HONORS & AWARDS**

2004	Resident Award for Teaching Excellence
2003	Resident Award for Teaching Excellence
2002	Resident Award for Teaching Excellence
2001	Resident Award for Teaching Excellence
2000	Recognized as "outstanding" graduate from Jefferson Medical College (90 <sup>th</sup> percentile)
2000	Philip P. Ripepi Prize in General Surgery
2000	Leopold Z. Goldstein Memorial Prize in Obstetrics and Gynecology
2000	Beach Memorial Scholarship Award (full year tuition)
1999	Alpha Omega Alpha Honor Medical Society
1998	Hobart Amory Hare Honor Society

## MEMBERSHIPS AND COMMITTEES

1999– current	Member, Alpha Omega Alpha Honor Medical Society
2006-current	Member, College of American Pathologists
2006-current	Member, American Society of Clinical Pathology
2007-2009	Resident Liaison for American Society of Clinical Pathology
2007-2009	Resident Text Book Review committee, American Society of Clinical Pathology
2003-2006	Member, American Association of Cancer Research

## **EXTRACURRICULAR AWARDS**

1995	Captain Men's Varsity Lacrosse, Oberlin College
1995	NCAC All Conference Lacrosse Team
1995	NCAC Leader Total Goals and Points
1995	Two-time NCAC Athlete of the Week
1994	NCAC All Conference Lacrosse Team
1994	NCAC Leader Total Goals