

CURRICULUM VITAE

Charles H. Cha, M.D.

Assistant Professor of Surgery
Sections of Gastrointestinal and Oncologic Surgery
Yale University School of Medicine
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Education

- 1990 Northwestern University
Evanston, Illinois
B.S.
- 1995 Honor's Program in Medical Education
Northwestern University Medical School
Chicago, Illinois
M.D.

Career

- 1995-1996 **Intern in Surgery**
University of Wisconsin Hospital and Clinics
Madison, WI
- 1996-1999 **Resident in Surgery**
University of Wisconsin Hospital and Clinics
Madison, WI
- 1998-1999 **Research Fellow**
Tumor Genetics
"Translational regulation of the proto-oncogene blk"
Department of Oncology and Surgery
University of Wisconsin Comprehensive Cancer Center
- 2000-2001 **Chief Resident in Surgery**
University of Wisconsin Hospital and
Clinics Madison, WI
- 2001 -2003 **Fellow in Surgical Oncology**
Memorial Sloan Kettering Cancer Center
New York, NY

Board Certification

2002- Diplomat, American Board of Surgery
2001- New York Medical License
1997- Wisconsin Medical License
1996- Diplomat, United States Medical Licensing Exam

Research:

2003-present Yale School of Medicine, “siRNA inhibition of angiogenesis in GI malignancy”
New Haven, CT

1998-2000 University of Wisconsin Comprehensive Cancer Center, “Translational regulation
of the proto-oncogene blk by internal ribosomal entry” John Niederhuber, MD.
Madison, WI

1994-1995 Northwestern Memorial Hospital, “Plasminogen activator and inhibitor systems in
colorectal cancer” Laboratory of Surgical Oncology, Department of Surgery,
Mark Talamonti, MD and Dr. Hau Kwaan, MD. Chicago, IL

1993 Memorial Sloan-Kettering Cancer Center, “Amplification of mdm2 in
osteosarcoma” John Healey, MD. New York

1990-1991 University of California Medical Center, “HPV associated viral oncogenes in the
human papilloma virus.” John Greenspan, MD and Joel Palefsky, MD, San
Francisco, CA

1989 George Washington University Medical Center, “Mutations in the bcl-2 oncogene
associated with follicular and diffuse Non-Hodgkin’s lymphomas” Carlton
Garrett, MD. Washington, DC

Funding

2004- pres American Geriatrics Association
Dennis W. Jahnigen Career Development Scholars Award
Effects of Aging on Tumor Angiogenesis in GI Malignancy:
\$200,000 (\$100,000 direct/2 years)
PI: Charles Cha

2004- pres American College of Surgeons
Faculty Research Fellowship
SiRNA gene silencing of angiogenic factors in solid tumors:
\$80,000 (\$40,000 direct/2 years)
PI: Charles Cha

2003- pres Yale University School of Medicine
 Ohse Foundation Research Award
 Tumor Angiogenesis in GI malignancy:
 \$10,000 (\$10,000 direct/1 years)
 PI: Charles Cha

Awards and Honors

2004 Dennis Jahnigen Career Development Award

2004 American College of Surgeons Faculty Research Award

2003 Ohse Surgical Research Award

2002-2003 David and Monica Gorin Sarcoma Fellow, Memorial Sloan-Kettering Cancer Center, New York

2001 Benjamin Layton Award for Outstanding Teaching, Madison

1998-1999 University of Wisconsin Surgical Research Award, Madison

1993 NIH/NCI Student Fellowship Award, Memorial Sloan-Kettering Cancer Center, NY

1987-1995 Honors Program in Medical Education, Northwestern Memorial Hospital, Chicago

1987 National Merit Scholarship Finalist

Ad Hoc Reviewer For:

Annals of Surgery
Annals of Surgical Oncology
Clinical Colorectal Cancer

Professional Society Memberships:

1999- American College of Surgeons

2000- Society for Surgery of the Alimentary Tract

2000- Association for Academic Surgeons

2000- Society for Surgical Oncology

2001- American Society of Clinical Oncology

2003- American Association for Cancer Research

2003- Pancreas Club

2003- Society of American Gastrointestinal Endoscopic Surgeons

2004- Connecticut Chapter of the American College of Surgeons

2004- American Hepato-Pancreato-Biliary Association

Hospital Committees

2001-2003	Graduate Medical Education Committee, New York, NY
1998-2001	Invasive Procedures Committee, Madison, WI
1997-2001	Medical Student Education Committee, Madison, WI
1997-1998	Surgical Oncology Conference, Co-director, Madison, WI
2000-2001	Utilization Committee, Madison, WI

Lectures

JH Healey, MM Ladanyi, **C Cha**, CK Park, AG Huvos. Amplification of myc Oncogene in Osteogenic Sarcoma. International Symposium on Limb Salvage. Singapore. 1993.

Cha CH, Kennedy GD, Eisenbraun TE, Niederhuber JE. Production of blk is Mediated by an Internal Ribosomal Entry Site. Annual Meeting of the Wisconsin Chapter of the American College of Surgeons. Milwaukee, WI, 1999.

Cha CH, Kennedy GD, Eisenbraun TE, Niederhuber JE. Production of blk is Mediated by an Internal Ribosomal Entry Site. Association for Academic Surgery. Philadelphia, PA, 1999.

Gurney JM, **Cha CH**, Lee FT, Markhardt BK, Warner TF, Mahvi DM. Monitoring Radiofrequency Ablation: A Porcine Liver Model. Society of Computed Body Tomography & Magnetic Resonance, New Orleans, 1999.

Lee FT, **Cha CH**, Gurney JM, Markhardt BK, Mahvi DM. CT Monitoring of Radiofrequency Ablation of the Liver. Radiologic Society of North America. Chicago, IL, 1999

Cha CH, Lee FT, Nguyen BT, Niederhuber JM, Rikkers LT, Mahvi DM. Combined Cryoablation and Resection Leads to Long Term Survival. Plenary Session, Society of Surgery of the Alimentary Tract, San Diego, 2000.

Cha CH. Gastrointestinal Stromal Tumors. Society of Clinical Surgeons, Madison, WI, 2000.

Cha CH, Chen H, Westra WH, Udelsman R. Primary Thyroid Lymphoma: Can the diagnosis be made solely by fine needle aspiration? Society of Surgical Oncology. Washington D.C., 2000.

Blumgart LH, **Cha C**, DeMatteo RP. Surgery and Ablative Therapy for Hepatocellular Carcinoma. Hepatocellular Carcinoma Symposium, New Haven, 2002.

Cha C, Kelsen DP, Shah MA, Ben-Porat L, Brennan MF, Karpeh, M. Long-Term Results with Adjuvant Intraperitoneal Chemotherapy for Gastric Cancer: A case-controlled analysis. Proceedings of the American Society of Clinical Oncology, Chicago, 2003.

Cha CH, DeMatteo RP, Ruo L, Fong Y, Jarnagin WR, Blumgart LH. Resection for Hepatocellular Carcinoma in Patients Otherwise Eligible for Transplantation. American Surgical Association, Washington D.C., Spring 2003.

Cha C., Fong Y, Jarnagin. Hand Assisted Laparoscopic Distal Pancreatectomy. Cine Session, 2003 Clinical Congress of the American College of Surgeons, Chicago, IL 2003.

Cha C, Antonescu CR, Quan ML, Maru S, Brennan MF. Long-Term results with Resection of Radiation Induced Sarcomas. Southern Surgical Association, Hot Springs, VA, 2003.

Cha C., Fong Y, Jarnagin. Hand Assisted Laparoscopic Distal Pancreatectomy. Highlights of the 2003 Clinical Congress, Spring Meeting of the American College of Surgeons, Chicago, IL 2003.

Mulkeen A., Silva T., Schmitz J., Uchio E., Chu E., **Cha C.** SiRNA-Mediated Gene Silencing in Colorectal Cancer: A Novel Anti-angiogenic Targeted Therapy. Proceedings of the Association of Academic Surgeons, 2004.

Presentations

Cha CH. "Pancreatic Exocrine Function" Resident Basic Science Lecture, Madison, WI, 1999.

Cha CH. "Colorectal Hepatic Metastases: Role of Cryotherapy" Surgical Grand Rounds, Madison, WI, 1999

Cha CH., Stephens E, Walent J, Niederhuber JE. Production of Blk is mediated by an internal ribosomal entry site. Annual Surgical Resident Research Conference. Madison, WI, 2001

Cha CH. Classification and Treatment of Gastric Carcinoids. Gastric and Mixed Tumor Conference. New York, 2001.

Cha CH. Recurrence Patterns after Resection of Hepatocellular Carcinoma. Department of Surgery Chairman's Conference. New York, 2002.

Cha CH. Resection or Transplantation for Hepatocellular Carcinoma. Department of Surgery Chairman's Conference. New York, 2002.

Publications

Ladanyi M., **Cha C.**, Lewis R., Jhanwar C., Huvos A., Healey J., mdm2 Gene Amplification in Metastatic Osteosarcoma. Cancer Research 53, 16-19, 1993.

Cha CH, Kennedy GD, Niederhuber JE. Metastatic Breast Cancer. Surgical Clinics of North America. 79:1117-1143, 1999.

Cha CH, Lee FT, Gurney JM, Markhardt BK, Warner TF, Kelcz F, Mahvi DM. CT vs. Sonography for monitoring radiofrequency ablation in a porcine liver. American Journal of Roentgenology;175:705-711, 2000.

Cha CH, Lee FT, Rikkers LF, Niederhuber JE, Nguyen BT, Mahvi DM. Combined Cryoablation and Resection Leads to Long-Term Survival. Journal of Gastrointestinal Surgery, 2001.

Lee FT, **Cha C**, Mahvi DM. Sonography versus CT for monitoring radiofrequency ablation - Reply. American Journal of Roentgenology;176(4):1077-1078, 2001.

Cha CH, Chen H, Westra WH, Udelsman, R. Primary Thyroid Lymphoma: Can the diagnosis be made solely by fine needle aspiration? Annals of Surgical Oncology, 9(3):298-302, 2002.

Cha CH, Eisenbraun TE, Niederhuber JE. Regulation of blk expression is mediated by a Differentiation-linked internal ribosomal entry site. Submitted, Journal of Biological Chemistry, 2002

Cha C, DeMatteo RP, Blumgart LH. Surgery and Ablative Therapy for Hepatocellular Carcinoma. Journal of Clinical Gastroenterology, 35(suppl. 2), 2002

Cha CH, DeMatteo RP, Ruo L, Fong Y, Jarnagin WR, Blumgart LH. Resection for Hepatocellular Carcinoma in Patients Otherwise Eligible for Transplantation., Annals of Surgery, 238(3):315-323, 2003.

Cha C, Fong Y, Jarnagin WR, Blumgart LH, DeMatteo RP. Predictors and Patterns of Recurrence Following Resection of Hepatocellular Carcinoma. Journal of the American College of Surgery, 197, 2003.

Cha C, Antonescu CR, Quan ML, Maru S, Brennan MF. Long-Term Results with Resection of Radiation Induced Sarcomas. Annals of Surgery, 239(6), 2004.

Cha C, DeMatteo RP, Blumgart LH. Surgical Therapy for Hepatocellular Carcinoma. Advances in Surgery 38(1):363-376, 2004.

Cha C, DeMatteo, RP. Pre-operative Imaging vs Pathologic Findings after Transplantation for HCC: Are Current Transplant Criteria Being Met? Digestive Surgery 21 (2): 159-160 2004.