

Marcus C.B. Tan

Address:

Division of Surgical Oncology
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Office: 615-322-2391
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Date and Place of Birth: May 15, 1977; Sydney Australia

Education:

College & Graduate School:

2/1995-12/2001 University of New South Wales (Sydney, Australia), Bachelor of Science / Bachelor of Medicine, Bachelor of Surgery (BSc / MB BS) – a seven year combined degree course; double major in Anatomy and Biochemistry; Combined BSc / MB BS degrees awarded with Honours Class I

Postgraduate Training:

01/2002-12/2002 Internship: John Hunter Hospital, Newcastle, NSW, Australia

01/2003-05/2003 Basic Surgical Trainee, Royal Australasian College of Surgeons (RACS), Westmead Hospital, Sydney, NSW, Australia

06/2003-06/2005 Resident in General Surgery: Barnes-Jewish Hospital / Washington University in St. Louis (WUSTL)

07/2005-06/2008 Fellow in Surgical Research: Laboratory of Biologic Cancer Therapy Department of Surgery, WUSTL
Supervisor: David C. Linehan, MD FACS

07/2008-06/2010 Resident in General Surgery: Barnes-Jewish Hospital / WUSTL

07/2010-06/2011 Chief Resident in General Surgery: Barnes-Jewish Hospital / WUSTL

07/2011-06/2013 Fellow in Complex General Surgical Oncology: Memorial Sloan-Kettering Cancer Center, New York

Licensure and Certifications:

State Board of Health Licenses

6/2003-6/2011	Missouri
4/2011-4/2014	New York
7/2013-current	Alabama
10/2017-current	Tennessee

Specialty Boards

2011	Surgery, American Board of Surgery, Certificate #056341
2015	Complex General Surgical Oncology, American Board of Surgery, Certificate #000042

Society Certifications

2010-present	Fundamentals of Laparoscopic Surgery (Society of American Gastrointestinal and Endoscopic Surgeons)
2015-present	Fellow, American College of Surgeons (ACS)

Academic Appointments:

08/2013-12/2017	Assistant Professor, Division of Surgical Oncology, Department of Surgery, University of South Alabama; Mobile, AL
01/2016-11/2017	Program Leader, Hepato-Pancreato-Biliary Cancer Program, University of South Alabama Mitchell Cancer Institute; Mobile, AL
06/2016-11/2017	Clinical Supervisor, Genetic Counseling Service, University of South Alabama Mitchell Cancer Institute
01/2018-current	Assistant Professor, Division of Surgical Oncology Vanderbilt University Medical Center

Professional Organizations:

2005-present	Americas Hepato-Pancreato-Biliary Association (AHPBA)
2011-present	Society of Surgical Oncology (SSO)
2013-present	American Society of Clinical Oncology (ASCO)
2014-present	American Association for Cancer Research (AACR)

Professional Activities:

Intramural:

2007-2008	Education Planning Committee, Washington University School of Medicine, member
2013-2015	Information Technology Committee, University of South Alabama, member.
2014-2016	GI Oncology Working Group, University of South Alabama Mitchell Cancer Institute, chair
2014-2016	Melanoma Working Group, University of South Alabama Mitchell Cancer Institute, member
2014-current	Executive Council, University of South Alabama College of Medicine, elected faculty-at-large representative
2016-current	CHARTIS Clinical Strategy Subcommittee, University of South Alabama College of Medicine, member

Extramural:

2010-current	Annals of Surgical Oncology, ad-hoc reviewer
2014-current	World Journal of Surgical Oncology, ad-hoc reviewer
2015-current	World Journal of Surgery, ad-hoc reviewer
2015-current	Cancer Science and Research, ad-hoc reviewer
2015-current	Journal of the Pancreas, ad-hoc reviewer
2015-current	Case Studies in Surgery (CSS), editor
2017-current	Annals of the Royal College of Surgeons, ad-hoc reviewer
2017-current	Rater, McMaster Online Rating of Evidence (MORE) Clinical Relevance Online Rating System McMaster University
2017-current	Member, Hepatectomy Sub-committee, High Risk GI Surgery Work Group American College of Surgeons

Special Awards:

1996-99	UNSW Alumni Association Scholarship Academic achievement-based scholarship
1996	Australian Music Examinations Board Associate Diploma in Music (A.Mus.A.) in Pianoforte
2011	Resident Teaching Award Washington University School of Medicine
2012-13	David and Monica Gorin Sarcoma Fellow Memorial Sloan-Kettering Cancer Center Recognized for advancing the care of patients with sarcoma through research and clinical excellence.
2015, 2016, 2017	Scarlet Sash Award University of South Alabama College of Medicine Recognized for contribution to medical education by the graduating medical student class
2016	Mobile Bay “40 Under Forty” Program designed to recognize 40 of the top individuals younger than age 40 who demonstrate leadership, professional excellence and a commitment to the Mobile Bay area community.

Teaching Activities:

Date	Title	Type of activity	Duration (hrs)	Cumulative Duration (hrs)	Resident / Student
9/12/2013	Foregut anatomy	Lecture moderator, dissection lab	3	3	Both
9/13/2013	Liver resection DIG210	PBL: Interactive session, lab	2	2	Student (2nd years)
9/18/2013	Bowel obstruction	Team-based learning (MSIII)	1.5	1.5	Student
10/10/2013	Hepatobiliary anatomy	Lecture moderator, dissection lab	3	3	Both
11/8/2013	Importance of anesthetic technique in liver surgery	Anesthesia Grand Rounds	1	1	Dept of Anesthesia
11/14/2013	Pancreatic anatomy	Lecture moderator, dissection lab	3	3	Both
12/5/2013	USAMC Tumor Board (ongoing role)	Moderator for oncology conference (twice monthly)	1	92	Residents in Surgery and Pathology,

					medical students
12/6/2013	Oncology: concepts and knowledge	Lecture	1	4	Student
1/17/2014	Liver resection for colorectal metastasis: evolution and adjunctive therapies	Surgery Grand Rounds	1	1	Both
2/6/2014	Pre-op case discussion: soft tissue sarcoma	Moderator	1	1	Both
2/13/2014	Retroperitoneal anatomy	Lecture moderator, dissection lab	3	3	Both
3/25/2014	Resident Journal Club: Surgical Oncology	Moderator	1	1	Resident
5/1/2014	Work-up of Hepatic Lesions	Medicine Grand Rounds	1	1	Dept of Medicine, Both
7/10/2014	Cystic lesions of pancreas: where to from here?	Surgery Grand Rounds, UAB (invited lecture)	1	1	UAB Dept of Surgery
7/16/2014	Concepts in Surgical Oncology	Case discussion	1	2	4th year students
7/23/2014	Pancreatic cancer	Case discussion	1	1	4th year students
7/25/2014	TBL: HPB	TBL (recurring)	2	36	3rd year students
7/30/2014	Colon cancer	Case discussion	1	1	4th year students
8/1/2014	Skin and soft tissue cancers	Lecture (recurring)	1	18	3rd year students
8/6/2014	Melanoma	Case discussion	1	1	4th year students
8/8/2014	TBL: Breast/Endocrine	TBL (recurring)	2	18	3rd year students
8/15/2014	Prosection: Oral cavity	Dissection lab	2	2	2nd year students
8/22/2014	Prosection: UGI anatomy	Dissection lab	2	2	2nd year students
8/28/2014	Benign liver tumors	Moderator	1	1	Both
9/4/2014	Pancreas	Moderator	1	1	Both
9/9/2014	Diseases of the gallbladder and extra-hepatic biliary tree	Lecture	1	1	2nd year students
9/12/2014	Liver resection	Active learning	2	2	2nd year students
10/17/2014	Hepatobiliary anatomy	Lecture moderator, dissection lab	3	3	Both
1/23/2015	Pancreatic cystic neoplasms	Surgery Grand Rounds	1	1	Both

2/19/2015	Retroperitoneal anatomy	Lecture moderator, dissection lab	2	2	Both
6/5/2015	William Albert Maddox Memorial Lecture: Melanoma	Alabama ACS meeting: Point Clear	0.5	0.5	Both
6/26/2015	Recent advances in melanoma	Lecture: AAFP, Sandestin	0.5	0.5	Family physicians
6/26/2015	Pancreatic cysts: what you need to know	Lecture: AAFP, Sandestin	0.5	0.5	Family physicians
8/6/2015	Gallbladder and biliary system	Tutorial: moderator	1	1	Residents
8/18/2015	Concepts in Surgical Oncology	Surgery Interest Group mtg	1	1	Residents, 60 med students
9/1/2015	Diseases of the gallbladder and extra-hepatic biliary tree	Lecture	1	1	2nd year students
9/15/2015	Introduction to CT and MRI	Surgery Interest Group mtg	1	1	Residents, 30 med students
11/11/2015	Breakthroughs in Pancreatic Cancer Research	Lecture: Montgomery Cancer Center	1	1	Oncology physicians, nurses
2/18/2016	Evidence-based Management of Pancreatic Lesions	Medicine Grand Rounds	1	1	Dept of Medicine, Both
6/3/16	Multi-disciplinary cancer care	USA Medical Alumni Reunion	0.5	0.5	Physicians
7/29/16	Pancreatic imaging	Lecture	1	1	Both
8/12/16	Liver lesions	Lecture	1	1	Both
8/18/16	Liver masses	Lecture moderator	1	1	Both
8/25/16	Pancreatic masses	Lecture moderator	1	1	Both
11/1/16	Radiology for Surgeons	Surgery Interest Group mtg	1	1	Both
12/9/16	GIST	Tutorial: moderator	1	1	Residents
1/13/17	Pancreatitis (acute and chronic)	Tutorial: moderator	1	1	Both
1/20/17	Benign liver lesions	Tutorial: moderator	1	1	Both
1/27/17	Tumor markers	Tutorial: moderator	0.5	0.5	Both
2/3/17	Cholangiocarcinoma	Tutorial: moderator	1	1	Both
2/17/17	Cutaneous squamous cell carcinoma	Tutorial: moderator	0.5	0.5	Both
2/28/17	Reconstruction after distal gastrectomy	Tutorial: moderator	1	1	Residents

5/19/17	Small intestinal cancers (carcinoid, adenocarcinoma)	Tutorial: moderator	1	1	Both
5/31/17	HPB Radiology	Tutorial: moderator	1	1	Residents
6/2/17	Management of chronic pancreatitis	Tutorial: moderator	1	1	Both
7/3/17	Biliary anatomy and drainage	Tutorial: moderator	1	1	Both
7/7/17	Post-op Whipple management	Tutorial: moderator	0.75	0.75	Both
7/11/17	Post-op hepatectomy management	Tutorial: moderator	0.5	0.5	Both
8/22/17	Intra-operative management of the "hot" gallbladder	Tutorial: moderator	0.5	0.5	Both
9/5/17	Liver neoplasms	Tutorial: moderator	0.75	0.75	Both
9/26/17	Pancreatic neoplasms	Tutorial: moderator	1	1	Both
9/29/17	Surgical management of pancreatic adenocarcinoma	Surgical Grand Rounds	1	1	Both
10/3/17	Melanoma	Tutorial: moderator	0.5	0.5	Both
10/3/17	Abdominal mass	Tutorial: moderator	0.5	0.5	Both
10/5/17	Liver and pancreas anatomy	Lecture moderator, dissection lab	3	3	Both
10/10/17	Imaging workshop on CT	Surgery interest Group meeting	1.5	1.5	Students (32)
		Cumulative Teaching Hours		242.5	

Other significant activities:

- 2004 **Ultrasound for Surgeons: The Basic Course**
American College of Surgeons Division of Education
- 2005 **16th Annual Fundamentals of Surgical Research Course**
Association for Academic Surgery; San Francisco, California
- 2008 **SAGES Residents' Workshop**
GI Endoscopy & Laparoscopy: An Introduction for Surgeons
Endo-Surgery Institute, Cincinnati, Ohio
- 2012 **8th Annual Career Development Course**
Association for Academic Surgery; Chicago, Illinois
- 2014 **HPB Ultrasound and Advanced Technology Course**

Americas Hepato-Pancreato-Biliary Association Annual Meeting;
Miami, Florida

- 2015 **Minimally Invasive Groin Dissection Workshop**
Society of Surgical Oncology Annual Cancer Symposium
Houston, Texas
- 2015 **Training Course in Laparoscopic HPB Surgery**
Carolinas Healthcare System
Medical Innovations and Training Institute, Las Vegas, NV
- 2016 **Nanoknife System Training Lab (Irreversible Electroporation, IRE)**
University of Louisville, Louisville, KY
- 2016 **Measure Twice Cut Once! Optimizing Surgical Systems of Care**
Didactic course, American College of Surgeons' Clinical Congress
Washington, D.C.
- 2017 **Advanced Techniques in Laparoscopic Liver Surgery / Liver
Ablation**
Texas Health Research & Education Institute (MITC)
Dallas, TX
- 2017 **Advanced Hepato-Pancreato-Biliary Surgery Course**
MD Anderson Cancer Center
Houston, TX

Grants:

1. **ECOG 1208:** A Phase III Randomized, Double-Blind Trial of Chemoembolization with or without Sorafenib in Unresectable Hepatocellular Carcinoma (HCC) in Patients with and without Vascular Invasion.
 - Role: Local Principal Investigator
2. A Phase 3b, Multicenter, Open-label, Single-arm, Expanded Access Protocol of **Talimogene Laherparepvec** for the Treatment of Subjects With Unresected, Stage IIIb to IVM1c Melanoma.
 - Role: Local Principal Investigator
3. Self-collection of colon lavage fluids for monitoring the status of the pancreas
 - Role: Co-investigator (PI: Lewis Pannell)
4. A phase 2, randomized, multicenter study of **PEGHP20** (PEGylated recombinant human hyaluronidase) combined with nab-paclitaxel plus gemcitabine compared with nab-paclitaxel and gemcitabine in subjects with stage IV previously untreated pancreatic cancer.
 - Role: Local Co-investigator (PI: William Taylor)

5. A phase 3, randomized, double-blind, placebo-controlled multicenter study of PEGylated recombinant human hyaluronidase (**PEGHP20**) in combination with nab-paclitaxel plus gemcitabine compared with placebo plus nab-paclitaxel and gemcitabine in subjects with hyaluronan-high stage IV previously untreated pancreatic ductal adenocarcinoma.
 - Role: Local Co-investigator (PI: William Taylor)
6. A Phase II/III Trial of Neoadjuvant FOLFOX with Selective Use of Combined Modality Chemoradiation versus Preoperative Combined Modality Chemoradiation for Locally Advanced Rectal Cancer Patients Undergoing Low Anterior Resection with Total Mesorectal Excision.
 - Role: Local Co-investigator (PI: Moh'd Khushman)
7. **SWOG1505**: Combination chemotherapy of gemcitabine hydrochloride and paclitaxel albumin-stabilized nanoparticle formulation before surgery in treating patients with pancreatic cancer that can be removed by surgery.
 - Role: Local Principal Investigator

Publications and Presentations:

Articles in Refereed Journals:

This list also available at:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1rEAbMUYWDWA4/bibliography/41511032/public/?sort=date&direction=ascending>

1. **Tan** MCB, Mutch MG. Hemangiomas of the pelvis. *Clinics in Colon and Rectal Surgery* 2006; 19:94-101.
2. Lin Y, Goedegebuure PS, **Tan** MC, Gross J, Malone JP, Feng S, Larson J, Phommaly C, Trinkaus K, Townsend RR, Linehan DC. Proteins associated with disease and clinical course in pancreas cancer: a proteomic analysis of plasma in surgical patients. *J Proteome Res* 2006; 5(9):2169-76.
3. **Tan** MCB, Linehan DC, Hawkins WG, Siegel BA, Strasberg SM. Chemotherapy-induced normalization of FDG uptake by colorectal liver metastases does not usually indicate complete pathologic response. *J Gastroint Surg* 2007; 11:1112-1119.
4. **Tan** MCB, Castaldo ET, Gao F, Chari RS, Linehan DC, Wright JK, Hawkins WG, Siegel BA, Delbeke D, Pinson CW, Strasberg SM. A prognostic system applicable to patients with resectable liver metastasis from colorectal carcinoma staged by positron emission tomography with ¹⁸Fluoro-2-Deoxy-D-Glucose: role of primary tumor variables. *J Am Coll Surg* 2008; 206:857-68.
5. Hellstrom I, Friedman E, Verch T, Yang Y, Korach J, Jaffar J, Swisher E, Zhang B, Ben-Baruch G, **Tan** MCB, Goedegebuure P, Hellstrom KE. Anti-mesothelin antibodies and circulating mesothelin relate to the clinical state in ovarian cancer patients. *Cancer Epidemiol Biomarkers Prev* 2008; 17: 1520-1526.
6. Linehan DC, **Tan** MC, Strasberg SM, Drebin JA, Hawkins WG, Picus J, Myerson RJ, Malyapa RS, Hull M, Trinkaus K, Tan BR Jr. Adjuvant interferon-based chemoradiation followed by gemcitabine for resected pancreatic adenocarcinoma: a single-institution phase II study. *Ann Surg* 2008;248:145-51.

7. Moo-Young TA, Larson JW, Belt BA, **Tan** MC, Hawkins WG, Eberlein TJ, Goedegebuure PS, Linehan DC. Tumor derived TGF-Beta mediates conversion of CD4⁺Foxp3⁺ regulatory T cells in a murine model of pancreas cancer. *Journal of Immunotherapy* 2009;32:12-21.
8. **Tan** MC, Goedegebuure PS, Belt BA, Flaherty B, Sankpal N, Gillanders WE, Eberlein TJ, Hsieh CS, Linehan DC. Disruption of CCR5-dependent homing of regulatory T cells inhibits tumor growth in a murine model of pancreatic cancer. *J Immunol* 2009;182:1746-55.
9. **Tan** MC, Mushawah FA, Gao F, Aft RL, Gillanders WE, Eberlein TJ, Margenthaler JA. Predictors of complete pathologic response after neoadjuvant systemic therapy for breast cancer. *Arch Surg* 2009; 198:520-5.
10. Johnston FM, **Tan** MCB*, Tan BR, Linehan DC, Simon PO, Plambeck-Suess S, Eberlein TJ, Hellstrom KE, Hellstrom I, Hawkins WG, Goedegebuure P. Circulating mesothelin protein and cellular anti-mesothelin immunity in patients with pancreatic cancer. *Clin Cancer Res* 2009; 15:6511-8.
11. Al Mushawah F, **Tan** MC, Margenthaler JA. Residual nodal disease in biopsy proven N1/N2 breast cancer following neoadjuvant systemic therapy. *World J Surg*. 2010; 34:256-60.
12. Mushawah FA, **Tan** MC, Margenthaler JA. Axillary staging prior to or after neoadjuvant systemic therapy? A single institutional experience. *J Surg Oncol*. 2010 Jan 15.
13. Goedegebuure P, Mitchem JB, Porembka MR, **Tan** MC, Belt BA, Wang-Gillam A, Gillanders WE, Hawkins WG, Linehan DC. Myeloid-derived suppressor cells: general characteristics and relevance to clinical management of pancreatic cancer. *Curr Cancer Drug Targets*. 2011; 11:734-51.
14. **Tan** M, Howard A, Cyr A. Malignant melanoma of the breast: case report and review of the literature. *Tumori*. 2013; 99:11e-3e.
15. **Tan** MC, Butte JM, Gonen M, Kemeny N, Fong Y, Allen PJ, Kingham TP, DeMatteo RP, Jarnagin WR, D'Angelica MI. Prognostic significance of early recurrence: a conditional survival analysis in patients with resected colorectal liver metastasis. *HPB (Oxford)*. 2013;15: 803-13.
16. **Tan** MC, Jarnagin WR. Surgical management of non-colorectal hepatic metastasis. *J Surg Oncol*. 2014; 109:8-13.
17. **Tan** MCB, Yoon SS. Surgical management of retroperitoneal and pelvic sarcomas. *J Surg Oncol* 2015; 111:553-61.
18. **Tan** MCB, Basturk O, Brannon AR, Bhanot U, Scott SN, Bouvier N, LaFemina J, Jarnagin WR, Berger MF, Klimstra D, Allen PJ. *GNAS* and *KRAS* mutations define separate progression pathways in IPMN-associated carcinoma. *J Am Coll Surg* 2015; 220:845-854.
19. Quatrino GM, **Tan** MC, Rostas JW, Gunter JW 3rd, Ahmed N, Simmons JD. Xanthogranulomatous cholecystitis. *Am Surg* 2015; 81:E349-50.

20. **Tan** MCB, Brennan MF, Kuk D, Agaram NP, Antonescu CR, Qin L, Moraco N, Crago AM, Singer S. Histology-based classification predicts pattern of recurrence and improves risk stratification in primary retroperitoneal sarcoma. *Ann Surg* 2016; 263:593-600.
21. Rocker JM, **Tan** MC, Thompson LW, Contreras CM, DiPalma JA, Pannell LK. Comparative proteomic analysis of whole gut lavage fluid and pancreatic juice reveals a less invasive method of sampling pancreatic secretions. *Clinical and Translational Gastroenterology* 201; 7:e174.
22. Basturk O, **Tan** M*, Bhanot U, Allen P, Scott S, Shah R, Berger M, Adsay V, Askan G, Sigel C, Iacobuzio-Donahue C, Klimstra D. The oncocytic subtype is genetically distinct from other pancreatic intraductal papillary mucinous neoplasm subtypes. *Modern Pathology* 2016; 29:1058-69.
23. Quang C, Blair SG, Rostas JW, Watson R, Brevard SB, Simmons JD, **Tan** MCB. Post-operative central anticholinergic syndrome: is it really that rare? *Am Surg* 2017; 83:104-105.
24. Ohman K, Lu E, Linehan DC, **Tan** MCB, Tan B, Fields RC, Strasberg SM, Hawkins WG. Interferon-Based Chemoradiation Followed by Gemcitabine for Resected Pancreatic Adenocarcinoma: Long-Term Follow-Up. *HPB* 2017; 19:449-457.
25. Khushman M, Bhardwaj A, Patel GK, Laurini JA, Roveda K, **Tan** MC, Patton MC, Singh S, Taylor W, Singh AP. Exosomal Markers (CD63 and CD9) Expression Pattern Using Immunohistochemistry in Resected Malignant and Non-malignant Pancreatic Specimens. *Pancreas* 2017; 46:782-788.
26. Gambla WC, Fernandez AM, Gassman NR, **Tan** MCB, Daniel CL. College tanning behaviors, attitudes, beliefs, and intentions: a review of the literature. *Preventive Medicine* 2017 Sept 1; 105: 77-87 [Epub ahead of print]. PMID 28867504
27. **Tan** MCB, Gassman NR, Fernandez AM, Bae S, Daniel CL. High prevalence of combination tanning among undergraduates: survey at a southeastern U.S. university. *Journal of the American Academy of Dermatology* 2017 Nov; 77:968-970. PMID 29029906
28. Smith KR, Granberry M, **Tan** MCB, Daniel CL, Gassman NR. Dihydroxyacetone induces G2/M arrest and apoptotic cell death in A375P melanoma cells. *Environ Toxicol* 2017 Nov 29 [ePub ahead of print]. PMID 29193605
29. Daniel CL, Fernandez AM, Gassman NR, Bae S, Blashill AJ, **Tan** MC. Significant engagement in tanning behaviors by men at a U.S. university. *J Community Health* 2017 Dec 30. doi: 10.1007/s10900-017-0464-y. [Epub ahead of print] PMID 29290066
30. Chesney J, Awasthi S, Curti B, Hutchins L, Linette G, Triozzi, **Tan** MCB, Brown R, Nemunaitis J, Whitman E, Windham C, Lutzky J, Downey GF, Batty N, Amatruda T. Phase IIIb safety results from an expanded access protocol of talimogene laherparepvec for patients with unresected, stage IIIB-IVM1c melanoma. *Melanoma Research* 2018 Feb; 28(1):44-51.

*Shared first authorship

Books, Book chapters and Invited Review Articles:

1. **Tan** MCB, Avidan M. GI Motility Problems. In: Avidan M, Barnett KM, Hill LL, Hopley L, Jones N, van Schalkwyk JM (eds.), *Intensive Care ICT: An illustrated colour text*. London: Churchill Livingstone, 2007.
2. **Tan** MCB, Goedegebuure PS, Eberlein TJ. Tumor Biology and Tumor Markers. In: Townsend CM (Editor-in-chief), *Sabiston Textbook of Surgery, 18th Edition*. Philadelphia: Elsevier, 2007.
3. **Tan** MCB, Chapman WC. Surgical Diseases of the Liver. In: Glasgow S, Chen LE, Klingensmith ME (eds.), *The Washington University Manual of Surgery, 5th Edition*. Philadelphia: Wolters Kluwer 2008.
4. **Tan** MCB. Respiratory Arrest. In: Tribble CG, Hobson CE, Thaemert NL (eds.), *ICU Recall*, 3rd edition. Philadelphia: Wolters Kluwer, 2009.
5. **Tan** MCB, Goedegebuure PS, Eberlein TJ. Tumor Biology and Tumor Markers. In: Townsend CM (Editor-in-chief), *Sabiston Textbook of Surgery, 19th Edition*. Philadelphia: Elsevier, 2012.
6. **Tan** MCB, Strasberg SM. Biliary Surgery. In: Klingensmith ME, Aziz A, Bharat A, Fox AC, Porembka MR (eds.), *The Washington University Manual of Surgery, 6th Edition*. Philadelphia: Wolters Kluwer 2012.
7. **Tan** MCB, Allen PJ. Surgical Management of IPMN Lesions. In: Beger HG, Nakao A, Neoptolemus JP, Peng SY, Sarr M (eds.), *Pancreatic Cancer, Cystic-Neoplastic, Endocrine and Inflammatory Tumors of the Pancreas*. New Jersey: Wiley Blackwell, 2015.
8. **Tan** MCB, Singer S. Retroperitoneal Liposarcoma. In: *Clinical Decision Support: Surgery*, edited by Lillemoe K, de Moya M, House M, Hutter M. 2016. Decision Support in Medicine, LLC. Wilmington, DE.
9. Cason B, Blair S, **Tan** M. Laparoscopic left lateral sectionectomy. *SCORE Curriculum*, 2016.
10. Sims K, **Tan** M. How to prepare for your next distal pancreatectomy. *SCORE Curriculum*, 2017.
11. Blair S, **Tan** MCB. Surgical Staging of Gastric Cancer. In: *Management of Gastric Cancer*, 2016 (accepted).

Presentations at Scientific Meetings:

1. **Tan** MCB, Tobin GS, Yang YYL, Drebin JA, Hawkins WG, Strasberg SM, Linehan DC. Long-term survival and quality of life after total pancreatectomy. Oral presentation, AHPBA, Hollywood, Florida, April 2005, peer-reviewed.
2. **Tan** MCB, Lin Y, Townsend RR, Goedegebuure PS, Malone JP, Trinkaus K, Feng S, Linehan DC. Identification of novel biomarkers for pancreas cancer using multi-affinity depletion,

- 2-D DIGE and tandem mass spectrometry. Oral presentation, AHPBA, Miami, Florida, March 2006, peer-reviewed.
3. **Tan** MCB, Townsend RR, Malone JP, Trinkaus K, Goedegebuure SP, Linehan DC. Analysis of technical variability in the detection of plasma biomarkers. Poster presentation, Inaugural OncoProteomics World Congress, San Francisco, April 2006, peer-reviewed.
 4. **Tan** MCB, Goedegebuure PS, Chang K, Hotchkiss R, Belt B, Eberlein TJ, Linehan DC. Differential expression of chemokine and homing receptors on tumor-infiltrating T regulatory cells in a mouse model of pancreas cancer. Poster presentation, Keystone Regulatory T Cell Symposium, Vancouver, Canada, February 2007, peer-reviewed.
 5. **Tan** MCB, Tan BR, Strasberg SM, Drebin JA, Hawkins WG, Picus J, Myerson RJ, Thorstad WL, Wang H, Hull M, Trinkaus K, Foster F, Malyapa RS, Linehan DC. A phase II trial of interferon- and gemcitabine-based chemoradiation therapy after resection for pancreatic adenocarcinoma. Plenary Session, Society of Surgical Oncology 60th Annual Cancer Symposium, Washington DC, March 2007, peer-reviewed.
 6. Doyle M, **Tan** MCB, Anderson CD, Strasberg SM, Hawkins WG, Chapman WC, Linehan DC. Current practice of US hepatic surgeons – results of a survey of surgical technique. Poster presentation, AHPBA, Las Vegas, April 2007, peer-reviewed.
 7. **Tan** MCB, Linehan DC, Hawkins WG, Strasberg SM. Total loss of FDG avidity in colorectal cancer liver metastases after chemotherapy is infrequently associated with a complete pathological response. Oral presentation, Annual Meeting of the American Hepato-Pancreato-Biliary Association (AHPBA), Las Vegas, April 2007, peer-reviewed.
 8. **Tan** MCB, Castaldo ET, Gao F, Chari RS, Linehan DC, Wright JK, Hawkins WG, Siegel BS, Delbeke D, Pinson CW, Strasberg SM. A prognostic scoring system applicable specifically to FDG-PET staged patients with resectable colorectal liver metastases – role of colorectal primary tumor variables. Oral presentation, Annual Meeting of the Southern Surgical Association, Hot Springs, Virginia, December, 2007, peer-reviewed.
 9. Johnston FM, **Tan** MCB, Hellstrom KE, Hellstrom I, Hawkins WG, Goedegebuure SP. Circulating mesothelin protein and cellular anti-mesothelin immunity in patients with pancreatic cancer. Poster presentation, AACR, San Diego, April 2008, peer-reviewed.
 10. **Tan** MCB, Goedegebuure PS, Belt BA, Hull M, Krizman D, Trinkaus K, Luo J, Rohrs H, Townsend RR, Linehan DC. Identification of prognostic biomarkers in patients with resectable pancreas cancer using formalin-fixed tissue. Oral presentation, Society of Surgical Oncology (SSO) 61st Annual Cancer Symposium, Chicago, March 2008, peer-reviewed.
 11. **Tan** MC, Mushawah FA, Gao F, Aft RL, Gillanders WE, Eberlein TJ, Margenthaler JA. Predictors of complete pathologic response after neoadjuvant systemic therapy for breast cancer. Oral presentation, American Society of Breast Surgeons, San Diego, April 2009; Honorable Mention, Resident / Fellow Competition, Missouri Chapter, ACS 42nd Annual Meeting, St Louis, June 2009, peer-reviewed.

12. Mushawah FA, **Tan** MC, Eberlein TJ, Gillanders WE, Aft RL, Margenthaler JA. Residual nodal disease in biopsy-proven n1/n2 breast cancer patients following neoadjuvant systemic therapy. Poster presentation, American Society of Breast Surgeons, San Diego, April 2009, peer-reviewed.
13. Mushawah FA, **Tan** MC, Eberlein TJ, Gillanders WE, Aft RL, Margenthaler JA. Axillary staging prior to or after neoadjuvant systemic therapy? a single institutional experience. Poster presentation, American Society of Breast Surgeons, San Diego, April 2009, peer-reviewed.
14. **Tan** MCB, Butte JM, Gonen M, Kemeny N, Fong Y, Allen PJ, Kingham TP, DeMatteo RP, Jarnagin WR, D'Angelica MI. Prognostic limitations of the Clinical Risk Score: a conditional survival analysis in patients with colorectal liver metastasis. Oral presentation, AHPBA, Miami Beach, Florida, March 2013, peer-reviewed.
15. **Tan** MCB, Brennan MF, Kuk D, Qin L, Agaram N, Moraco N, Crago A, Singer S. The importance of histologic subtype for outcome prediction in primary retroperitoneal sarcoma: a single-institution study of 675 patients. Oral presentation, Connective Tissue Oncology Society, New York, October 2013, peer-reviewed.
16. Quang CY, Rostas JW, Watson R, Blair SG, Brevard SB, Simmons JD, **Tan** MCB. Post-operative central anticholinergic syndrome: is it really that rare? A case report and review of the literature. Poster presentation, Southeastern Surgical Congress, Chattanooga, Tennessee, February 2015, peer-reviewed.
17. Sobrino JA, Warner B, Laurini J, **Tan** MCB. Pheochromocytoma at the organ of Zuckerkandl: case report and review of the literature. Poster presentation, Southeastern Surgical Congress, Chattanooga, Tennessee, February 2015, peer-reviewed.
18. Basturk O, Bhanot U, Berger M, Allen P, **Tan** M, Scott S, Shah R, Adsay V, Askan G, Klimstra D. Intraductal oncocytic papillary neoplasms of the pancreas have distinct molecular characteristics than intraductal papillary mucinous neoplasms. *Modern Pathology* 28(2S):1758A. Poster presentation, United States and Canadian Academy of Pathology, Boston, March 2015, peer-reviewed.
19. **Tan** MCB. William Albert Maddox Memorial Lecture: Melanoma. American College of Surgeons' Alabama and Mississippi chapter meeting, Point Clear, AL, June 2015, invited.
20. Khushman M, Bhardwaj A, Patel G, Laurini J, Roveda K, **Tan** M, Singh S, Taylor W, Singh A. The Pattern of Exosomal Marker (CD63) Expression Using Immunohistochemistry (IHC) in Malignant and Non-malignant (normal, inflammatory and pre-malignant) Ductal Cells in Resected Pancreatic Tissues. AACR Pancreas, Orlando, May 2016, peer-reviewed.
21. Lindsey AS, Lee K, Andrews J, Chang WL, Ramirez-Alacantara V, **Tan** M, Grizzle W, Clapper ML, Piazza GA. PDE10A overexpression in colon cancer cells and tumors relative to normal colonocytes and colon mucosa. Poster presentation, AACR Colorectal Cancer, Tampa, September 2016, peer-reviewed.
22. Laurini J, Khushman M, Bhardwaj A, Patel G, Roveda K, **Tan** M, Singh S, Taylor W, Singh A. Exosomal Markers (CD63 and CD9) Expression by Immunohistochemistry (IHC) in

- Pancreatectomy Specimens (PS). PS-05-022. *Virchows Arch* (2016) 469 (Suppl 1): S86, peer-reviewed.
23. Payne I, Freno DR, Wong SL, **Tan** M. Surgical referral patterns for colorectal liver metastases: a multistate survey. Poster presentation, American College of Surgeons' Clinical Congress 2016, Washington DC, October 2016, peer-reviewed.
 24. Bierman T, **Tan** M. Laparoscopic superficial inguinal lymph node dissection. Oral video presentation, American College of Surgeons' Clinical Congress 2016, Washington DC, October 2016, peer-reviewed.
 25. Chesney J, Awasthi S, Curti B, Hutchins L, Linette G, Triozzi P, **Tan** M, Brown R, Nemunaitis J, Whitman E, Lutzky J, Downey GF, Batty N, Amatruda T. Safety results from an expanded access protocol of talimogene laherparepvec for patients with unresected, stage IIIB-IVM1c in the United States. Poster presentation, Society for Melanoma Research 2016 Congress, Boston, November 2016, peer-reviewed.
 26. Daniel CL, Gassmann NR, Fernandez AM, Bae S, **Tan** MC. Indoor, Outdoor, and Sunless Tanning among Undergraduates on the United States' Gulf coast. CHC Strengthening the Community Engaged Research & Scholarship "Tool Box" Forum, Mobile, AL, January 2017, peer-reviewed.
 27. Chesney J, Awasthi S, Curti B, Hutchins L, Linette G, Triozzi P, **Tan** M, Brown R, Nemunaitis J, Whitman E, Windham C, Lutzky J, Downey G, Batty N, Amatruda T. Safety Results from an Expanded Access Protocol of Talimogene Laherparepvec for Patients with Unresected, Stage IIIB-IVM1c Melanoma in the United States. Poster presentation, HemOnc TODAY Melanoma and Cutaneous Malignancies, New York, New York; March 24–25, 2017, peer-reviewed.
 28. Daniel CL, Gassman NR, Fernandez AM, Tan MC. Tanning behaviors of participants in a female national college scholarship program in the U.S. Poster presentation, 41st Annual American Society of Preventive Oncology Conference, Seattle, WA, March 2017, peer-reviewed.
 29. **Tan** MC, Gassman NR, Fernandez AM, Bae S, Daniel CL. High prevalence of combination tanning among undergraduates: survey of a southeastern U.S. university. Poster presentation, 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA, March 2017, peer-reviewed.
 30. Fernandez AM, **Tan** MC, Gassman NR, Bae S, Daniel CL. Intentional tanning behaviors of male tanners at a southeastern university. Poster presentation, 41st Annual American Society of Preventive Oncology Conference, Seattle, WA, March 2017, peer-reviewed.
 31. **Tan** MCB. Controversies in Surgical Oncology, Session Moderator. American College of Surgeons' Alabama and Mississippi chapter meeting, Point Clear, AL, June 2017, invited.
 32. Khushman M, Bhardwaj A, Patel G, Laurini J, Roveda K, Donnell R, Sherling K, Case B, **Tan** MCB, Thompson LW, Nelson C, Wyatt M, Patton M, Singh S, Taylor W, Singh A. The prognostic significance of exosomal markers (CD63 and CD9) expression using

immunohistochemistry in patients with pancreatic ductal adenocarcinoma. Poster presentation, ASCO Gastrointestinal Cancers Symposium, January 2018, peer-reviewed.

33. Daniel CL, Fernandez AM, Keyes DE, Gassman NR, Bae S, **Tan** MCB. Spray tanning prevalence and motivations among undergraduate and graduate students at a southeastern U.S. university. Society of Behavioral Medicine, New Orleans, LA, April 2018, peer-reviewed.