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Associate Professor Surgical Oncology
Clinical Director, Vanderbilt Breast Center

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Education

- Bishop Feehan High School, Attleboro, Massachusetts with High Honors, Sept 1976 – June 1980
- Northeastern University, Boston, Massachusetts, Bachelor of Arts-Biology, Magna cum laude, Sept 1980-May 1985
- University of Health Sciences/The Chicago Medical School, North Chicago, Illinois, first year medical school, Aug 1988-June 1989
- Boston University School of Medicine, Boston, Massachusetts, Doctor of Medicine (1991-1992 leave of absence in Africa for 1 year) Sept 1989-May 1993

Residency Training

- LAC/USC Medical Center, Los Angeles, California, Department of General Surgery preliminary internship, Aug1993- June 1994
- Vanderbilt University Medical Center, Nashville, Tennessee, Department of General Surgery, resident, July1994- June 2002
- Vanderbilt University Medical Center, Nashville, Tennessee, Division of Surgical Oncology, Research Fellow, July 1997-June 2000

Fellowship

- Fox Chase Cancer Center, Philadelphia PA, Department of Surgical Oncology, Surgical Oncology Fellow, July 2002- June 2004

Board Certification

- American Board of Surgery October 2003

Medical Staff & Academic Appointments

- Vanderbilt University Medical Center
Assistant Professor Surgical Oncology, Aug. 2004 – Feb. 2011
Associate Professor Surgical Oncology, Feb. 2011-present
- Fox Chase Cancer Center, Philadelphia PA
Clinical Instructor, July 2002- June 2004
- Temple University Medical Center, Philadelphia PA
Clinical Instructor, July 2002-June 2004

Licensure & Certification

Tennessee State Medical License MD31091 Active
DEA # - BM6249103

Grant Support

10/98- 8/00 NIH Individual National Research Service Award – NCI –1F32CA76698-01 “DPC4 Replacement Gene Therapy in Pancreatic Cancer”

2/07- present NCI SPORE BRE0776: Pre-Surgical Trial of Letrozole in Post-Menopausal Patients with Operable Hormone-Sensitive Breast Cancer PI: Meszoely, Ingrid M

5/12-5/13 VR3092 ViSE/VICTR pilot award ‘Towards Improving Surgical Resection for Breast Conserving Surgery . PI: Meszoely, Ingrid M

Professional Societies

American College of Surgeons: Fellow
American College of Surgeons Tennessee Chapter
(Executive Committee: 2009-2012)
Society of Surgical Oncology
American Society of Clinical Oncology
American Association of Clinical Research
American Society of Breast Surgeons
American Society of Breast Diseases
Eastern Cooperative Oncology Group
National Consortium of Breast Centers
Southeastern Surgical Society
Association for Academic Surgery

Administrative Duties & Committees

Clinical Director - Vanderbilt Breast Center (2006-present)
Co-chair – Vanderbilt Clinical Breast Program Steering Committee
Surgical Representative – Vanderbilt-Ingram Cancer Center (VICC) Breast Cancer Clinical Research Committee (2004-present)
Surgical Representative– VICC Breast Cancer Clinical Research Core (2004-present)
Co-chair – VICC Breast Tumor Board (2008-present)
Member- VICC Quality Council (2009-present)
Member – NCI Breast Cancer Specialized Programs of Research Excellence (Breast Cancer SPORE) VICC (2007- present)
Member- Clinical Executive Group, Vanderbilt Health One Hundred Oaks (2011-present)
Member – VICC, Data and Safety Monitoring Committee
Member – VICC Cancer Wellness Advisory Group
Member - VICC Cancer Committee (2012-present)
Member – Breast Center Steering Committee: Joint Venture Vanderbilt Medical Center/Williamson County Medical Center
Clinical representative – Vanderbilt Medical Center: Clinic Redesign Steering Committee (2008-2011)
Vanderbilt Medical Center IRB (2004-2006)
Member Advisory Board -Vanderbilt Center for Integrative Health (2005-2007)
Member – National Comprehensive Cancer Network, Breast Cancer Risk Reduction Panel
Member – Translational Breast Cancer Research Consortium (2006-present)
Co-Chair - Local-Regional Working Group– Translational Breast Cancer Research Consortium (2006-2012)
Executive Committee – Tennessee Cancer Coalition
Chair – Surveillance Committee, Tennessee Cancer Coalition (2009-present)
Coordinator PGY3 Breast Surgery Rotation: Vanderbilt Medical Center
Mentor : HHMI/VUMC Certificate Program in Molecular Medicine (2013-2014)
Mentor : VUMC: Non-designated Clinical Breast fellowship 2008/09 & 2012/13
Mentor: CAPNAH Advanced Practice Provider Mentoring Pilot Program 2012
Mentor: Vanderbilt Medical School Backstage Pass to the Wards program 2010-2012

Awards

Nov 1999	American Pancreatic Association – Travel Award
April 2000	Elliott Newman Award (best oral presentation) – Vanderbilt Medical Center Research Forum, Vanderbilt Medical Center, Nashville, Tennessee
June 2002	Alfred Blalock Award (research) Department of Surgery, Vanderbilt University Medical Center, Nashville, Tennessee

- April 2009 Five Star Award (Patient Satisfaction)
Vanderbilt University Medical Center,
Nashville, Tennessee
- April 2010 Top Performer Award (Patient Satisfaction)
Vanderbilt University Medical Center,
Nashville, Tennessee
- April 2011 Five Star Award (Patient Satisfaction)
Vanderbilt University Medical Center,
Nashville, Tennessee
- Feb 2011 Women of Influence Award
Nashville Business Journal
Nashville, Tennessee
- Dec 2012 US News: Top Doctors
- April 2012 Five Star Award (Patient Satisfaction)
Vanderbilt University Medical Center,
Nashville, Tennessee
- July 2013 Nashville Business Journal Best Doctors
- August 2013 Five Star Award (Patient Satisfaction)
Vanderbilt University Medical Center,
Nashville, Tennessee

Invited Presentation

- Feb 1996 **Southeastern Surgical Congress** – poster presentation
Aorto Iliac Occlusive Disease and Gastrointestinal Malignancy:
Changing Therapeutic Options. Neuzil DF, Meszoely IM,
Tarpley JL, Naslund TC
- April 1998 **Association of VA Surgeons** – plenary session
Antioxidant therapy alters cell cycle kinetics and sensitizes human
Pancreatic cancer cells to ionizing radiation. Meszoely IM, Song
SY, Yang LY, Leach SD
- Feb 1999 **Society of University Surgeons** – Residents Conference
TGF- α overexpression induces proliferation of Pdx 1-expressing
epithelium in double transgenic mice. Meszoely IM, Song SY,
Scoggins CR, Leach SD

- March 1999 **Society of Surgical Oncology**
The antioxidant, pyrrolidine dithiocarbamate, inhibits pancreatic cancer growth in vitro and in vivo. Meszoely IM, Song SY, Leach SD
- Nov 1999 **American Pancreatic Association**
TGF- α induces proliferation of Pdx 1-expressing ductal epithelium from isolated pancreatic acini. Meszoely IM, Means AL, Scoggins CR, Yang LY, Fromm DS, Song SY, Coffey RJ, Leach SD
- March 2000 **Society of Surgical Oncology** – poster presentation
HGF induces proliferation of a novel ductal epithelium from Isolated pancreatic acini. Meszoely IM, Means AL, Scoggins CR, Yang LY, Coffey RJ, Leach SD
- April 2000 **Vanderbilt Medical Center Research Forum**
Transforming growth factor α (TGF- α) and hepatocyte growth factor (HGF) induce proliferation of Pdx 1-expressing pancreatic ductal epithelium from isolated pancreatic acini. Meszoely IM, Means AL, Scoggins CR, Yang LY, Song SY, Coffey RJ, Leach SD
- April 2003 **Pancreas Club** – poster presentation
Patients with resected pancreatic cancer with isolated pulmonary recurrence have an improved survival compared to patients with other sites of recurrence. Meszoely IM, Lee JS, Ross E, Hoffman JP
- Aug 2003 **Midwest Surgical Society**
Peritoneal cytology in patients with potentially resectable adenocarcinoma of the pancreas. Meszoely IM, Lee JS, Watson JC, Meyers M, Wang H, Hoffman JP
- Oct 2004 **Harton Regional Medical Center, Continuing Medical Education**
Tullahoma, TN
Recognizing and Managing Patients at Increased Risk for Breast Cancer. Meszoely IM
- Nov 2004 **Vanderbilt-Ingram Cancer Center Overseers Meeting**
Nashville, TN
Recognizing and Managing Patients at Increased Risk for Breast Cancer. Meszoely IM
- Nov 2005 **Vanderbilt University Medical Center Surgery Grand Rounds**
Nashville, TN
Multidisciplinary Management of Locally Advanced Breast Cancer
Meszoely IM, Mayer IA

- Nov 2005 **Cumberland Medical Center, Continuing Medical Education**
Crossville, TN
Hereditary Breast Center
Meszoely IM
- Nov 2005 **Williamson County Medical Center, Continuing Medical Education**
Brentwood, TN
Multidisciplinary Management of Locally Advanced Breast Cancer
Meszoely IM, Mayer IA
- Dec 2005 **International Lactation Consultant Association**
Nashville, TN
Breast Cancer & Pregnancy
Meszoely IM
- Oct 2006 **West Tennessee Cancer Center “Puttin’ on the Pink”**
Jackson, TN
Exercise & Breast Cancer
Meszoely IM, Groves J
- Nov 2006 **Williamson County Medical Center, Continuing Medical Education**
Brentwood, TN
Surgical Management of Melanoma
Meszoely I
- Jan 2007 **Hospital Sirio-Libanés, Multidisciplinary Breast Cancer Conference** Sao Paulo, Brazil
Management of Axillary Node Micrometastases in Breast Cancer
Meszoely IM
- Oct 2007 **Vanderbilt University Medical Center Surgery Grand Rounds**
Nashville, TN
Neoadjuvant therapy for Locally Advanced Breast Cancer
Meszoely IM
- Nov 2009 **Vanderbilt University Medical Center Surgery Grand Rounds**
Nashville, TN
Breast Cancer: Pioneering the Backcountry of Personalized Medicine
Meszoely IM
- April 2010 **Women’s Healthcare Center of Excellence Summit**
Dallas, TX
Developing a Multidisciplinary Center of Excellence
The Vanderbilt Breast Center Experience
Meszoely IM

- April 2010 **Tennessee Cancer Coalition 6th Annual Summit**
Pigeon Forge, TN
USPST Recommendations for Breast Cancer Screening
Meszoely IM
- July 2010 **Tennessee Chapter American College of Surgeons Annual Meeting**
Paris Landing, TN
Advancements in Breast Conservation Surgery: Oncoplastic Resection &
Reconstruction
Meszoely IM
- Sep 2010 **Healthcare Facilities Symposium & Expo**
Chicago, IL
The Why's and How's of Including Operations Redesign in the
Architectural Process
Meszoely IM, Giovanello E, McGauran A, Morris JE, Smith J
- Sept 2010 **84th Annual Halsted Society Meeting**
Nashville, TN
Breast Cancer- Pioneering the Frontiers of Personalized Medicine
Meszoely IM
- Sept 2010 **Women's Prevention Program: One Hundred Oaks- Vanderbilt
Health**
Nashville, TN
Keeping Abreast of your Cancer Risk, Meszoely IM
- Oct 2010 **Methodist Hospital**
Henderson, KY
Current Management of Breast Cancer, Meszoely, IM
- June 2011 **7th Annual Summit of the Tennessee Cancer Coalition**
Franklin, TN
Navigating Breast Cancer Risk and Screening, Meszoely, IM
- Oct 2011 **The Medical Center at Bowling Green**
Bowling Green Medical Center
Current Management of Breast Cancer, Meszoely IM
- Oct 2011 **Vanderbilt Womens Prevention Series**
Nashville TN
Breast Cancer & Genetics : Who's at Risk ? Meszoely IM, Svendsen S
- Nov 2011 **Sisters Network Hope & Healing Brunch**
Nashville, TN
Surgery & Triple Negative Breast Cancer, Meszoely IM, Mayer IA

- Nov 2011 **Cool Springs Chamber Physician Panel**
Cool Springs, TN
Breast Cancer Risk & Screening, Meszoely IM
- Nov 2011 **Williamson County Medical Center**
Brentwood, TN
Current management of Breast Cancer Meszoely IM, Abramson V,
Arteaga C
- Jan 2012 **Southeastern Surgical Congress-Annual Scientific Meeting and
Postgraduate Course**
Birmingham, AL
Integrating Breast Ultrasound into Your Practice, Practical Office Issues,
Procedure Coding/Reimbursement, Meszoely, IM
- Jan 2012 **Southeastern Surgical Congress-Annual Scientific Meeting and
Postgraduate Course**
Birmingham, AL
What is an Adequate Pathological Margin?
Meszoely, IM
- April 2012 **Osher Lifelong Learning Series**
Nashville TN
Breast/Ovarian Cancer & Genetics: Who's at Risk ? Meszoely IM,
Svendsen S, Crispens, M
- Aug 2012 **Tennessee Chapter American College of Surgeons Annual Meeting**
Chattanooga TN
The role of the Cancer Liaison Physician in the Comprehensive Control
Program of Tennessee, Meszoely IM, Clark R
- Sept 2012 **Vanderbilt Initiative In Surgery & Engineering Seminar**
Nashville TN
Engineering Better Surgical Outcomes for Lumpectomy, Meszoely IM,
Miga M
- Feb 2013 **Southeastern Surgical Congress-Annual Scientific Meeting
Jacksonville FL**
Controversies in Breast Disease: 1) Management of Positive Margin, 2)
Utility of MRI 3) Utility Of Axillary Node Dissection: Panel Discussion
Meszoely IM, Amos K, Krontiras H
- Aug 2013 **Tennessee Chapter American College of Surgeons Annual Meeting**
Nashville, TN
Comprehensive Control Program of Tennessee: Collaboration with
Commission on Cancer, Meszoely IM,

- May 2013 **Patient Access Symposium: Preconference Program**
Nashville TN
Access Improvement Case Study: Comprehensive Breast Center
Meszoely IM, Giovanello E
- Oct 2014 **American College of Surgeons Clinical Congress**
Washington DC
Meet the experts luncheon: Personalization of Breast Cancer Meszoely IM
- Jan 2014 **Vanderbilt University Medical Center Surgery Grand Rounds**
Nashville, TN
Personalized medicine: a reality in breast cancer management
Meszoely IM

Publications

Abstracts

Song SY, Sizemore N, Meszoely IM, Coffey RJ, Leach SD
Differential sensitivity of pancreatic cancer cells to farnesyl transferase inhibitor (FTI) correlates with altered subcellular Ras distribution and G₂/M cell cycle arrest. Gastroenterology 114: A682 (1998)

Song SY, Gannon M, Meszoely IM, Scoggins CR, Yang L, Wright CVE, Coffey RJ, Leach SD. Activation of the Pdx 1 homeobox gene during TGF α -induced premalignant pancreatic ductal proliferation. Gastroenterology 116: A1164 (1999)

Meszoely IM, Means AL, Scoggins CR, Yang LY, Fromm DS, Song SY, Coffey RJ, Leach SD. TGF- α induces proliferation of Pdx 1-expressing ductal epithelium from isolated pancreatic acini. Pancreas 19: 432 (1999)

Meszoely IM, Lee JS, Ross E, Hoffman JP
Patients with resected pancreatic cancer with isolated pulmonary recurrence have an improved survival compared to patients with other sites of recurrence. Proc ASCO 22: 1488 (2003)

Thomas Yankeelov, Martin Lepage, Kenneth J. Niermann, Bapsi Chakravarthy, Cheryl R. Herman, Kevin McManus, Mark C. Kelley, Ingrid Meszoely, Ingrid Mayer, Julie Means, Ronald R. Price, Jennifer Pietenpol, John C. Gore.
Quantitative Multi-parametric MRI Assessment of Breast Cancer Treatment Response. 13th Annual SPORE Investigators Workshop (2005)

Bapsi Chakravarthy, Thomas E. Yankeelov, Martin Lepage, Mark C. Kelley, Ingrid Meszoely, Ingrid A. Mayer, Cheryl R. Herman, Kevin McManus, Ronald R. Price, John C. Gore Monitoring Treatment Response following Neoadjuvant Chemotherapy Using Dynamic Contrast Enhanced Magnetic Resonance Imaging in Stage II/III Breast Cancer ASTRO (2006)

Chakravarthy, B., Mayer, I.A., Meszoely, I., Kelley, M.C. Means-Powell, J., Johnson, D.H., Granja, N., Broome, E.E., Pietenpol, J.A. Phase II study of neoadjuvant dose-dense docetaxel in stage II/III breast cancer SABC (2006)

Seeley E., Chakravarthy B., Mi D., De Matos Grania, Meszoely I., Kelley M, Mayer I, Means-Powell J, Johnson K, Grau A, Caprioli R, Pietenpol JA Histology-directed MALDI-TOF tissue profiling of breast tumors and adjacent stroma: developing markers of therapeutic response to therapy. 29th Annual San Antonio Breast Symposium, San Antonio, TX (poster presentation) Breast Cancer Research and Treatment 100 (Supplement1): S132, (December 2006)

Chakravarthy AB, Mayer IA, Meszoely I., Kelley MC, Means-Powell J, Grau AM, Johnson DH, Reddy R, Bauer JA, Pietenpol JA:
Phase II study of neoadjuvant dose-dense docetaxel in stage II/III breast cancer ASCO Annual Meeting (2008)

Manuscripts

Anner BM, Rey HG, Moosmayer M, Meszoely IM, Hauptert GT Jr. Hypothalamic Na⁺/K⁺ ATPase inhibitor characterized in two-sided liposomes containing pure renal Na⁺/K⁺ ATPase, Am J. Physiol. 258: F144-F153 (1990).

Bicknell WF, Moji CN, Parks CS, Meszoely IM
The Impact of Population Aging on Health Care Costs and Services: Lesotho as a Case Study, report to U.S. Bureau of the Census (1992).

Neuzil DF, Meszoely IM, Tarpley JL, Naslund TC
Aortoiliac Occlusive Disease and Gastrointestinal Malignancy: Changing Therapeutic Options, Am Surg 64(4):239-237 (1998).

Scoggins CR, Meszoely IM, Blanke CD, Beauchamp RD, Leach SD
Nonoperative management of primary colorectal cancer in patients with stage IV disease. Ann of Surg Oncol 6(7):651-657 (1999).

Song SY, Gannon M, Washington MK, Scoggins CR, Meszoely IM, Goldenring JR, Sandgren EP, Coffey RJ Jr., Wright CV, Leach SD
Expansion of Pdx1-expressing pancreatic epithelium and islet neogenesis in transgenic mice over expressing transforming growth factor alpha. Gastro 117(6):1416-1426 (1999).

Song SY, Meszoely IM, Coffey RJ, Pietenpol JA, Leach SD
K-Ras-independent effects of the farnesyl transferase inhibitor L-744,832 on cyclin B1/Cdc2 kinase activity, G2/M cell cycle progression and apoptosis in human pancreatic ductal adenocarcinoma cells. Neoplasia 2(3):261-272 (2000)

Scoggins CR, Meszoely IM, Wada M, Means AL, Yang LY, Leach SD
p53-dependent acinar cell apoptosis triggers epithelial proliferation in duct-ligated murine pancreas. *Am J Physiol Gastrointest Liver Physiol* 279(4):G827-836 (2001).

Meszoely IM, Means AL, Scoggins CR, Leach SD
Developmental aspects of early pancreatic cancer. *Cancer J* 7:242-250 (2001).

Miyamoto Y, Maitra A, Ghosh B, Zechner U, Argani P, Iacobuzio-Donahue CA, Sriuranpong V, Iso T, Meszoely IM, Wolfe MS, Hruban RH, Ball DW, Schmid RM, Leach SD Notch mediates TGF alpha-induced changes in epithelial differentiation during pancreatic tumorigenesis. *Cancer Cell* 3(6):565-76 (2003).

Meyers MO, Meszoely IM, Hoffman JP, Watson JC, Ross EA, Eisenberg BL Is Reporting of Recurrence Data Important in Pancreatic Cancer? *Ann of Surg Oncol* 11(3):304-9 (2004).

Meszoely IM, Lee JS, Watson JC, Meyers MO, Wang H, Hoffman JP
Peritoneal cytology in patients with potentially resectable adenocarcinoma of the pancreas. *Am Surg* 70(3):208-13; discussion 213-4 (2004).

Berger AC, Meszoely IM, Ross EA, Watson JC, Hoffman Undetectable preoperative levels of serum CA19-9 correlate with improved survival in patients with resectable pancreatic adenocarcinoma. *Ann of Surg Oncol* 11(7):644-9 (2004).

Meszoely IM, Wang H, Hoffman JP
Preoperative chemoradiation therapy for adenocarcinoma of the pancreas: The Fox Chase Cancer Center Experience, 1986-2003. *Surg Oncol Clin N Am* 13:685-696 (2004).

Means AL, Meszoely IM, Suzuki K, Miyamoto Y, Coffey RJ, Rustigi AK, Wright CVE, Stoffers DA, Leach SD
Pancreatic epithelial plasticity mediated by acinar cell transdifferentiation and generation of nestin-positive intermediates. *Development* 132(16):3767-76(2005).

Yankeelov TE, Lepage M, Chakravarthy A, Broome EE, Niermann KJ, Kelley MC, Meszoely I, Mayer IA, Herman CR, McManus K, Price RR, Gore JC
Integration of quantitative DCE-MRI and ADC mapping to monitor treatment response in human breast cancer: initial results. *Magn Reson Imaging* 25(1):1-13(2007).

Guix M, de Matos Granja N, Meszoely I, Adkins TB, Wieman BM, Frierson KE, Sanchez V, Sanders ME, Grau AM, Mayer IA, Pestano G, Shyr Y, Muthuswamy S, Calvo B, Krontiras H, Krop IE, Kelley MC, Arteaga CL
Short Preoperative Treatment With Erlotinib Inhibits Tumor Cell Proliferation in Hormone Receptor Positive Breast Cancers. *JCO* 26(6):(2008).

Guix M, Mayer IA, Meszoely IM, Arteaga CL.
Evaluation of biological agents targeted at early-stage disease.
Breast Cancer Res.: 10 Suppl 4:S25. (2008)

Li X, Dawant BM, Welch EB, Chakravarthy AB, Freehardt D, Mayer I, Kelley M, Meszoely I, Gore JC, Yankeelov TE.

A nonrigid registration algorithm for longitudinal breast MR images and the analysis of breast tumor response.

Magn Reson Imaging.;27(9):1258-70. (2009)

Bauer JA, Chakravarthy AB, Rosenbluth JM, Mi D, Seeley EH, De Matos Granja-Ingram N, Olivares MG, Kelley MC, Mayer IA, Meszoely IM, Means-Powell JA, Johnson KN, Tsai CJ, Ayers GD, Sanders ME, Schneider RJ, Formenti SC, Caprioli RM, Pientenpol JA. Identification of markers of taxane sensitivity using proteomic and genomic analyses of breast tumors from patients receiving neoadjuvant paclitaxel and radiation. Clin Cancer Res. 2(16):681-90

(2010)

Keller MD, Majumder SK, Kelley MC, Meszoely IM, Boulos FI, Olivares GM, Mahadevan-Jansen A. Autofluorescence and diffuse reflectance spectroscopy and spectral imaging for breast surgical margin analysis. Lasers Surg Med.; 1(42):15-23

(2010)

Keller MD, Majumder SK, Kelley MC, Meszoely IM, Boulos FI, Olivares GM, Mahadevan-Jansen A. Autofluorescence and diffuse reflectance spectroscopy and spectral imaging for breast surgical margin analysis. Lasers Surg Med. 1(42):15-23.

(2010)

Bauer JA, Chakravarthy AB, Rosenbluth JM, Mi D, Seeley EH, De Matos Granja-Ingram N, Olivares MG, Kelley MC, Mayer IA, Meszoely IM, Means-Powell JA, Johnson KN, Tsai CJ, Ayers GD, Sanders ME, Schneider RJ, Formenti SC, Caprioli RM, Pietenpol JA. Identification of markers of taxane sensitivity using proteomic and genomic analyses of breast tumors from patients receiving neoadjuvant paclitaxel and radiation. Clin Cancer Res. 2(16):681-90 (2010)

Li X, Dawant BM, Welch EB, Chakravarthy AB, Xu L, Mayer I, Kelley M, Meszoely I, Means-Powell J, Gore JC, Yankeelov TE. Validation of an algorithm for the nonrigid registration of longitudinal breast MR images using realistic phantoms. Med Phys. 6(37):2541-52. (June 2010)

Bevers TB, Armstrong DK, Arun B, Carlson RW, Cowan KH, Daly MB, Fleming I, Garber JE, Gemignani M, Gradishar WJ, Krontiras H, Kulkarni S, Laronga C, Loftus L, Macdonald DJ, Mahoney MC, Merajver SD, Meszoely I, Newman L, Pritchard E, Seewaldt V, Sellin RV, Shapiro CL, Ward JH. Breast cancer risk reduction. J Natl Compr Canc Netw. 10(8):1112-46. (October 2010)

Bevers TB, Armstrong DK, Arun B, Carlson RW, Cowan KH, Daly MB, Fleming I, Garber JE, Gemignani M, Gradishar WJ, Krontiras H, Kulkarni S, Laronga C, Loftus L, Macdonald DJ, Mahoney MC, Merajver SD, Meszoely I, Newman L, Pritchard E, Seewaldt V, Sellin RV, Shapiro CL, Ward JH. Breast Cancer Risk Reduction J Natl Compr Canc Netw 10(8):1112-46 (2010 Oct)

Arlinghaus LR, Welch EB, Chakravarthy AB, Xu L, Farley JS, Abramson VG, Grau AM, Kelley MC, Mayer IA, Means-Powell JA, Meszoely IM, Gore JC, Yankeelov TE. Motion correction in diffusion-weighted MRI of the breast at 3T. *J Magn Reson Imaging*. 5(33):1063-70. (May 2011)

Li X, Welch EB, Arlinghaus LR, Chakravarthy AB, Xu L, Farley J, Loveless ME, Mayer IA, Kelley MC, Meszoely IM, Means-Powell JA, Abramson VG, Grau AM, Gore JC, Yankeelov TE. A novel AIF tracking method and comparison of DCE-MRI parameters using individual and population-based AIFs in human breast cancer. *Phys Med Biol*.;56(17):5753-69 (2011 Sep 7)

Li X, Welch EB, Chakravarthy AB, Xu L, Arlinghaus LR, Farley J, Mayer IA, Kelley MC, Meszoely IM, Means-Powell J, Abramson VG, Grau AM, Gore JC, Yankeelov TE. Statistical comparison of dynamic contrast-enhanced MRI pharmacokinetic models in human breast cancer. *Magn Reson Med* 1(68):261-71. (2012, Jul)

Balko JM, Cook RS, Vaught DB, Kuba MG, Miller TW, Bhola NE, Sanders ME, Granja-Ingram NM, Smith JJ, Meszoely IM, Salter J, Dowsett M, Stemke-Hale K, González-Angulo AM, Mills GB, Pinto JA, Gómez HL, Arteaga CL. Profiling of residual breast cancers after neoadjuvant chemotherapy identifies DUSP4 deficiency as a mechanism of drug resistance. *Nat Med*.;18(7):1052-9. (2012 Jul)

Balko JM, Mayer IA, Sanders ME, Miller TW, Kuba MG, Meszoely IM, Wagle N, Garraway LA, Arteaga CL. Discordant Cellular Response to Presurgical Letrozole in Bilateral Synchronous ER+ Breast Cancers with a KRAS Mutation or FGFR1 Gene Amplification. *Mol Cancer Ther*10(11):2301-5 (2012 Oct)

Magnetic resonance imaging as a predictor of pathologic response in patients treated with neoadjuvant systemic treatment for operable breast cancer. Translational Breast Cancer Research Consortium trial 017. De Los Santos JF, Cantor A, Amos KD, Forero A, Golshan M, Horton JK, Hudis CA, Hylton NM, McGuire K, Meric-Bernstam F, Meszoely IM, Nanda R, Hwang ES. *Cancer*. 2013 May 15;119(10):1776-83. doi: 10.1002/cncr.27995. Epub (2013 Feb 21)

Li X, Arlinghaus LR, Ayers GD, Chakravarthy AB, Abramson RG, Abramson VG, Atuegwu N, Farley J, Mayer IA, Kelley MC, Meszoely IM, Means-Powell J, Grau AM, Sanders M, Bhave SR, Yankeelov TE.

DCE-MRI analysis methods for predicting the response of breast cancer to neoadjuvant chemotherapy: Pilot study findings. *Magn Reson Med*. doi: 10.1002/mrm.24782. (2013 May 9).

Book Chapters

Meszoely IM, Chapman WC, Holzman MD, Leach SD

New trends in gastrointestinal surgical oncology. In: Gastrointestinal Oncology. AB Benson III, ed, Kluwer Academic Publishers, Norwell, Massachusetts, pg 239-291 (1998).

Scoggins CR, Meszoely IM, Pearson AS, Leach SD

Vascular resection for pancreatic cancer. In: Pancreatic Cancer. D Evans, P Pisters, J Abbruzzese, eds. Springer-Verlag, New York, (2001).

Meszoely IM, Means AL, Scoggins CR, Leach SD

Epithelial stem cells in pancreatic regeneration and neoplasia. In: Pancreatic Cancer. D Evans, P Pisters, J Abbruzzese, eds. Springer-Verlag, New York, (2001).

Hatmaker AR, Meszoely IM, Kelley MC

Surgical Management of Non-invasive Carcinoma and Proliferative Lesions of the Breast In: Mastery of Surgery 5th edition. JE Fischer, KI Bland, MP Callery, GP Clagett, DB Jones, GM Moneta, JM Seeger eds. Lipincott, Williams & Wilkins (2006).

Kelley MC_Grau,AM, Meszoely IM

Management of Carcinoma In Situ and Proliferative Lesions of the Breast. In: Mastery of Surgery 6th edition. JE Fischer, DB Jones, FB Pomposolli, VS Kilimberg GR Upchurch, SD Schwartzberg, KI Bland, eds. Lipincott, Williams & Wilkins (2013).