

LORENZO MEMEO M.D.

Via Adige 35

95027, San Gregorio di Catania (CT), Italy

lorenzomemeo@hotmail.com

Personal Details:

Date of birth: 29.7.1970

Place of birth: Sora (FR), Italy

Nationality: Italian

Title: Medical Doctor

Education:

MiniMBA in Biopharma Entrepreneurship, School of Management Development, Rutgers University. New Jersey (2011)

School of Medicine, University of Rome “La Sapienza”. (1989-1996)

School of Medicine, “Autonoma” University of Barcelona (Spain). (1/1994-6/1994)
Erasmus Project (Grant by European Community).

Clinical Experience:

Director of Pathology Unit, Mediterranean Institute of Oncology, Catania, Italy (12/2005-today).

Director of the Tumor Biobank, Mediterranean Institute of Oncology, Catania, Italy (12/2005-today)

Consultant Pathologist IRCCS Centro di Riferimento Oncologico, Aviano (03/2019-09/2020)

Scientific Director, IOM Ricerca, Catania, Italy (5/2013-12/2016)

Clinical Fellow, Pathology Unit, ISMETT, Palermo, Italy (7/2005-11/2005).

Visiting Fellow, Division of Transplantation Pathology, University of Pittsburgh Medical Center (8/2005-9/2005)

Post-Doc Research Fellow, Department of Pathology, Columbia University, New York (2/2001-7/2005).

Residency in Anatomic Pathology, Department of Experimental Medicine and Pathology, University of Rome “La Sapienza”. Magna cum laude. (11/1997-10/2003).

Lieutenant, Health Department of the Italian Army. (9/1998-12/1999).

Internship, Department of Experimental Medicine and Pathology, University of Rome “La Sapienza” (11/1995-11/1997)

Awards

American Italian Cancer Foundation Fellowship (2003)

American Italian Cancer Foundation Fellowship (2002)

Erasmus Project Fellowship (1994)

Professional Societies:

SIAPEC: Italian Society of Anatomic Pathology and Cytology

USCAP: United States and Canadian Academy of Pathology
ESP: European Society of Pathology
AMP: Association for Molecular Pathology
ESBB: European Society for Biopreservation and Biobanking
ISUP: International Society Urological Pathology

Teaching Experience:

Molecular Diagnostics, Master in Molecular Pharmacology, University of Catania
Anatomic Pathology, Master in Oncology, University of Messina
Molecular Pathology, Master in Biotechnology, University of Catania

Other activities:

Evaluator of EU projects for FP7, objective 5.1, 5.2 (Bruxelles, June 2007)
Evaluator of EU projects for FP7, objective 5.3 (Bruxelles, November 2007)
Evaluator of EU projects for FP7, objective 5.1, 5.2 (Bruxelles, May-June 2009)
Evaluator of research project for the Catalan Agency for Health Technology Assessment and Research (Barcelona, June 2009)
Evaluator of EU projects for FP7, objective 5.3 (Bruxelles, May-June 2010)
Evaluator of EU projects for FP7, objective 5.3 (Bruxelles, February 2013)
Evaluator of EU projects for H2020, PHC 26 (Bruxelles, June 2014)
Evaluator of EU projects for H2020, PHC 28 (Bruxelles, June 2015)
Evaluator of EU projects for H2020, SC1-2017-CNECT-2 (Bruxelles, May 2017)

Member of the Editorial Board of “Journal of Cellular and Molecular Medicine” (2010-today) and Diagnostic Pathology (2015-today).

Guest Editor of the Special Issue “Cancer Organoids in Basic Science and Translational Medicine”. *Cancers* 2020.

BIBLIOGRAPHY

Books Chapters:

Bisson WH, Amedei A, **Memeo L**, Forte S, Felsher DW.
Tumor Promoting/ Associated Inflammation and the Microenvironment: State of the Science and New Horizons in: *Translational Toxicology and Therapeutics: Windows of Developmental Susceptibility in Reproduction and Cancer*
Wiley, 2018

Colarossi C, **Memeo L**, Canzonieri V.
History of Immunohistochemistry in *Pioneers of Pathology*
Springer, 2017

Colarossi C, **Memeo L**, Pallini R, Palio E, De Maria R.
Glioblastoma Stem Cells in: *Stem Cells: Organogenesis and Cancer*

Transworld Research Network Press, 2010

Hibshoosh H, Rojzman A, **Memeo L**.

Breast Pathology in: *Lefkowitz Anatomic Pathology Board Review*

Elsevier, 2006

Peer reviewed publications:

Current challenges and future perspective for cancer treatment using STARD3 inhibitors.

Asif K, **Memeo L**, Palazzolo S, Frión-Herrera Y, Caligiuri I, Canzonieri V, Granchi C, Tuccinardi T, Rizzolio F.

Cancers (**in press**)

Multiple Giant Retroperitoneal Myelolipoma: A Case Report and Review of the Literature

Colarossi C, Picardo C, Di Mattia P, Aiello E, Colarossi L, De Zuanni M, **Memeo L**.

Sarcoma Research – International (**in press**)

Efficacy and Safety of Nab-Paclitaxel in the Treatment of Metastatic Breast Cancer: A Real-Life Experience

Prestifilippo A, Distefano M, Blanco G, Puliafito I, **Memeo L**, Marino L, Puglisi C, Giuffrida D.

Journal of Cancer Science and Clinical Therapeutics 2020; 4: 214-220

Glucagon-like peptide-1 receptor is expressed in human testicular tissues and in rodent testicular cell lines

Caltabiano R, Condorelli D, Panza S, Boitani C, Musso N, Zerek D, **Memeo L**, **Colarossi L**, Rago V, Mularoni V, Spadola S, Castiglione R, Santoro M, Arancio A, Aquila S, D'Agata R.

Andrology 2020 (**in press**)

Cancer stem cells in Thyroid tumors: from the origin to metastasis

Veschi V, Verona F, Lo Iacono M, D'Accardo C, Porcelli G, Turdo A, Gaggianesi M, Forte S, Giuffrida D, **Memeo L**, Todaro M.

Frontiers in Endocrinology 2020; 11: 566.

Metabolic escape routes of cancer stem cells and therapeutic opportunities

Turdo A, Porcelli G, D'Accardo C, Di Franco S, Verona F, Forte S, Giuffrida D, **Memeo L**, Todaro M, Stassi G.

Cancers 2020; 12:1436

Thyroidectomy as a treatment of choice for differentiated thyroid cancer.

Giuffrida D, Giuffrida R, Puliafito I, Vella V, **Memeo L**, Puglisi C, Regalbuto C, Pellegriti G, Forte S, Belfiore A.

International Journal of Surgical Oncology 2019, Article ID 2715260.

Extracellular vesicles from thyroid carcinoma: the new frontier of liquid biopsy.
Rappa G, Puglisi C, Santos M, Forte S, **Memeo L**, Lorico A.
International Journal of Molecular Science 2019; 20:1114

A unique case of osteoid osteoma of the frontal sinus from Late Roman Sicily
Varotto E, Magro MT, Brancato R, Lubritto C, **Memeo L**, Galassi FM.
Journal of Craniofacial Surgery 2019; Feb 21.

In Vivo Evaluation of Biocompatibility and Chondrogenic Potential of a Cell-Free
Collagen-Based Scaffold.
Calabrese G, Gulino R, Giuffrida R, Forte S, Figallo E, Fabbi C, Salvatorelli L, **Memeo L**, Gulisano M, Parenti R.
Frontiers in Physiology 2017; 8:984

Cancer Targeted Therapy Strategy: The Pathologist's Perspectives.
Alessandrini L, Perin T, Kadarè S, del Pup L, **Memeo L**, Berretta M, Colarossi L, De Paoli P, Canzonieri V.
Current Cancer Drug Targets 2017; Nov 29

Human adipose-derived mesenchymal stem cells seeded into a collagen-hydroxyapatite
scaffold promote bone augmentation after implantation in the mouse.
Calabrese G, Giuffrida R, Forte S, Fabbi C, Figallo E, Salvatorelli L, **Memeo L**, Parenti R, Gulisano M, Gulino R.
Scientific Reports 2017; 7:7110

Eribulin efficacy based on type of metastatic site: a real-life study in heavily pretreated
metastatic breast cancer.
Prestifilippo A, Grippaldi D, Blanco G, **Memeo L**, Puliafito I, Giuffrida D.
Future Oncology 2017; 13:5-10

MicroRNA-based molecular classification of papillary thyroid carcinoma
Rosignolo F, **Memeo L**, Monzani F, Colarossi C, Pecce V, Verrient A, Durante C, Grani G, Lamartina L, Forte S, Martinetti D, Giuffrida D, Russo D, Basolo F, Filetti S, Sponziello M.
International Journal of Oncology 2017; 50: 1767-77

Effect of trehalose on cryopreservation of pure peripheral blood stem cells
Martinetti D, Colarossi C, Buccheri S, Denti G, **Memeo L**, Vicari L.
Biomedical Reports 2017; 6: 314-318

Interleukin 3- receptor targeted exosomes inhibit in vitro and in vivo Chronic
Myelogenous Leukemia cell growth
Bellavia D, Raimondo S, Calabrese G, Forte S, Cristaldi M, Patinella A, **Memeo L**, Manno M, Raccosta S, Diana P, Cirrincione G, Giavaresi G, De Leo G, Alessandro R.
Theranostic 2017; 7:1333-45

Combination of Collagen-Based Scaffold and Bioactive Factors Induces Adipose-Derived Mesenchymal Stem Cells Chondrogenic Differentiation In Vitro.

Calabrese G, Forte S, Gulino R, Cefalì F, Figallo E, Salvatorelli L, Maniscalchi T, Angelico G, Parenti R, Gulisano M, **Memeo L**, Giuffrida R.
Frontiers in Physiology 2017; 8:50

Bone augmentation after ectopic implantation of a cell-free collagen-hydroxyapatite scaffold in the mouse

Calabrese G, Giuffrida R, Forte S, Salvatorelli L, Fabbi C, Figallo E, Gulisano M, Parenti R, Magro G, Colarossi C, **Memeo L**, Gulino R.
Scientific Reports 2016; 6: 36399

Differential expression of two activating transcription factor 5 isoforms in papillary thyroid carcinoma

Vicari L, La Rosa C, Forte S, Calabrese G, Colarossi C, Aiello E, Salluzzo S, **Memeo L**.
Oncotarget and Therapy 2016; 9:6225-31

PTEN/PI3K pathway analysis informs a combination therapy for basal-like breast cancer

She QB, Gruvberger-Saal SK, Maurer M, Chen Y, Jumppanen M, Su T, Dendy M, Ingar Lau YK, **Memeo L**, Isola J, Hibshoosh H, Rosen N, Parsons R, Saal LH.
BMC Cancer 2016; 16: 587

Cancer stem cells as a potential therapeutic target in thyroid carcinoma

Vicari L, Colarossi C, Giuffrida D, De Maria R, **Memeo L**.
Oncology Letters 2016; 12:2254-60

Chemotherapy resistance of Papillary Thyroid Cancer Stem Cells

Giuffrida R, Adamo L, Iannolo G, Vicari L, Giuffrida D, Eramo A, Gulisano M, **Memeo L**, Conticello C.
Oncology Letters 2016; 12:687-691

Collagen-hydroxyapatite scaffolds induce human adipose derived stem cells osteogenic differentiation in vitro.

Calabrese G, Giuffrida R, Fabbi C, Figallo E, Lo Furno D, Gulino R, Colarossi C, Fullone F, Giuffrida R, **Memeo L**, Forte S.
Plos One 2016; 11, e0151181.

Potential role of activating transcription factor 5 during osteogenesis

Vicari L, Calabrese G, Forte S, Giuffrida R, Colarossi C, Parrinello NL, **Memeo L**.
Stem Cells International 2016; 5282185.

Numb Expression Contributes to the Maintenance of an Undifferentiated State in Human Epidermis

Iannolo G, Sciuto MR, Buccheri S, Colarossi C, De Maria R, **Memeo L**, Conaldi PG.
Cell Transplantation 2016; 25:353-6

Potential effect of CD271 on human mesenchymal stromal cells proliferation and differentiation

Calabrese G, Giuffrida R, Lo Furno D, Parrinello NL, Forte S, Gulino R, Colarossi C, Schinocca LR, Giuffrida R, Cardile V, **Memeo L**.

International Journal of Molecular Science 2015; 16:15609-24

Metabolic reprogramming and dysregulated metabolism: cause, consequence, and/or enabler of environmental carcinogenesis?

Robey RB, Weisz J, Kuemmerle N, Salzberg AC, Berg A, Brown D, Kubik L, Palorini R, Al-Mulla F, Al-Temaimi R, Colacci A, Mondello C, Raju J, Woodrick J, Scovassi I, Singh N, Vaccari M, Roy R, Forte S, **Memeo L**, Salem HK, Amedei A, Hamid RA, Williams GP, Lowe L, Meyer J, Martin FL, Bisson WH, Chiaradonna F, Ryan EP. Carcinogenesis 2015; 36, Supp.1: S203-S231

Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death

Narayanan KB, Ali M, Barclay B, Cheng Q, D'Abronzio L, Dornetshuber-Fleiss R, Ghosh P, Gonzalez Guzman MJ, Lee TJ, Leung PS, Li L, Luanpitpong S, Ratovitski E, Rojanasakul Y, Romano MF, Romano S, Sinha RK, Yedjou C, Al-Mulla F, Al-Temaimi R, Amedei A, Brown D, Colacci A, Hamid RA, Mondello C, Raju J, Ryan E, Salem HK, Woodrick J, Scovassi I, Singh N, Vaccari M, Roy R, Forte S, **Memeo L**, Bisson WH, ParK HH

Carcinogenesis 2015; 36, Supp.1: S89-S110

MicroRNA and pediatric tumors: future perspectives

Gulino R, Forte S, Parenti R, **Memeo L**, Gulisano M.

Acta Histochemica 2015; 117: 339-354.

Assessing the carcinogenic potential of low dose exposures to chemical mixtures in the environment: the challenge ahead.

Goodson III WH, Lowe L, Carpenter DO, Gilbertson M, Ali AM, Lopez de Cerain Salsamendi A, Lasfar A, Carnero A, Azqueta A, Amedei A, Charles AK, Collins AR, Ward A, Salzberg AC, Colacci A, Olsen A, Berg A, Barclay BJ, Zhou BP, Blanco-Aparicio C, Baglole C, Dong C, Mondello C, Hsu C, Naus CC, Yedjou C, Curran CS, Laird DW, Koch DC, Carlin DJ, Felsher DW, Roy D, Brown D, Ratovitski E, Ryan E, Corsini E, Rojas E, Moon E, Laconi E, Marongiu F, Al-Mulla F, Chiaradonna F, Darroudi F, Martin FL, Van Schooten FJ, Goldberg GS, Wagemaker G, Nangami G, Rice G, Calaf GM, Williams G, Wolf GT, Koppen G, Brunborg G, Lyerly HK, Krishnan H, Hamid HA, Yasaei H, Sone H, Kondoh H, Salem HK, Hsu H, Park HH, Kotubash I, Miousse IR, Scovassi I, Klaunig JE, Vondráček J, Raju J, Roman J, Wise JP, Whitfield JR, Woodrick J, Christopher J, Ochieng J, Martinez-Leal JF, Weisz J, Kravchenko J, Sun J, Prudhomme KR, Narayanan KB, Cohen-Solal KA, Moorwood K, Gonzalez L, Soucek L, Jian L, D'Abronzio LS, Lin L, Li L, Gulliver L, McCawley LJ, **Memeo L**, Vermeulen L, Luc Leyns L, Zhang L, Valverde M, Khatami M, Romano MF, Chapellier M, Williams MA, Wade M, Manjili MH, Leonart M, Xia M, Gonzalez MJ, Karamouzis MV, Kirsch-Volders M, Vaccari M, Kuemmerle NB, Singh N, Cruickshanks N,

Kleinstreuer N, van Larebeke N, Ahmed N, Ogunkua O, Krishnakumar PK, Vadgama P, Marignani PA, Ghosh PM, Ostrosky-Wegman P, Thompson P, Dent P, Heneberg P, Darbre P, Leung PS, Makker P, Cheng Q, Robey BR, Al-Temaimi R, Roy R, Andrade-Vieira R, Sinha RK, Mehta R, Vento R, Di Fiore R, Ponce-Cusi R, Dornetshuber R, Nahta R, Castellino RC, Palorini R, Hamid RA, Langie SAS, Eltom S, Brooks SA, Ryeom S, Wise SS, Bay SN, Harris S, Papagerakis S, Romano S, Pavanello S, Eriksson S, Forte S, Casey SC, Luanpitpong S, Lee TJ, Otsuki T, Chen T, Massfelder T, Sanderson T, Guarnieri T, Hultman T, Dormoy V, Odero-Marah V, Sabbisetti V, Maguer-Satta V, Rathmell WK, Engström W, Decker WK, Bisson WH, Rojanasakul Y, Luqmani Y, Chen Z, Hu Z.
Carcinogenesis 2015; 36, Supp.1: S254-S296.

The role of microRNA in thyroid carcinoma
Forte S, La Rosa C, Pecce V, Rosignolo F, **Memeo L**.
Anticancer Research 2015; 35:2037-47

Environmental immune disruptors, inflammation and cancer risk.
Thompson PA, Khatami M, Baglolle C, Sun J, Harris S, Moon E, Al-Mulla F, Al-Temaimi R, Brown D, Colacci A, Mondello C, Raju J, Ryan E, Woodrick J, Scovassi I, Singh N, Vaccari M, Roy R, Forte S, **Memeo L**, Salem HK, Amedei A, Hamid RA, Lowe L, Bisson WH.
Carcinogenesis 2015; 36, Supp.1: S232-S253

The potential for chemical mixtures from the environment to enable the cancer hallmark of sustained proliferative signalling.
Engström W, Darbre P, Gulliver L, Hultman T, Karamouzis M, Klaunig J, Mehta R, Moorwood K, Sanderson T, Sone H, Vadgama P, Wagemaker G, Ward A, Singh N, Al-Mulla F, Al-Temaimi R, Amedei A, Colacci A, Mondello C, Scovassi A, Raju J, Hamid R, **Memeo L**, Forte S, Roy R, Woodrick J, Salem H, Ryan E, Brown D, Bisson WH.
Carcinogenesis 2015; 36, Supp.1: S38-S60

Chemical compounds from anthropogenic environment and immune evasion mechanisms: potential interactions.
Kravchenko J, Corsini E, Williams MA, Decker W, Manjili MH, Otsuki T, Neetu S, Al-Mulla F, Temaimi R, Amedei A, Colacci A, Vaccari M, Mondello C, Scovassi I, Raju J, Hamid RA, **Memeo L**, Forte S, Roy R, Woodrick J, Salem HK, Ryan E, Brown D, Bisson WH, Lyerly HK.
Carcinogenesis 2015; 36, Supp.1: S111-S127

Assessing the carcinogenic potential of low dose exposures to chemical mixtures in the environment: focus on the cancer hallmark of tumor angiogenesis.
Hu Z, Brooks SA, Dormoy V, Hsu C, Hsu H, Lin L, Massfelder T, Rathmell WK, Xia M, Al-Mulla F, Al-Temaimi R, Amedei A, Brown D, Prudhomme KR, Colacci A, Hamid RA, Mondello C, Raju J, Ryan E, Woodrick J, Scovassi I, Singh N, Vaccari M, Roy R, Forte S, **Memeo L**, Salem HK, Lowe L, Jensen L, Bisson WH, Kleinstreuer N.
Carcinogenesis 2015; 36, Supp.1: S184-S202

Causes of genome instability: the effect of low dose chemical exposures in modern society.

Langie SAS, Koppen G, Desaulniers D, Al-Mulla F, Al-Temaimi R, Amedei A, Azqueta A, Bisson WH, Brown D, Brunborg G, Charles AK, Chen T, Colacci A, Darroudi F, Forte S, Gonzalez L, Hamid RA, Knudsen LE, Leyns L, de Cerain Salsamendi AL, **Memeo L**, Mondello C, Mothersill C, Olsen A, Pavanello S, Raju J, Rojas E, Roy R, Ryan E, Ostrosky-Wegman P, Salem HK, Scovassi I, Singh N, Vaccari M, Van Schooten FJ, Valverde M, Woodrick J, Zhang L, van Larebeke N, Kirsch-Volders M, Collins AR
Carcinogenesis 2015; 36, Supp.1: S61-S88

The effect of environmental chemicals on the tumor microenvironment

Casey SC, Vaccari M, Al-Mulla F, Al-Temaimi R, Amedei A, Barcellos-Hoff MH, Brown D, Chapellier M, Christopher J, Curran C, Forte S, Hamid RA, Heneberg P, Koch DC, Krishnakumar PK, Laconi E, Maguer-Satta V, Marongiu F, **Memeo L**, Mondello C, Raju J, Roman J, Roy R, Ryan E, Ryeom S, Salem HK, Scovassi I, Singh N, Soucek L, Vermeulen L, Whitfield JR, Woodrick J, Colacci A, Bisson WH, Felsher DW.
Carcinogenesis 2015; 36, Supp.1: S160-S183

The impact of low dose carcinogens and environmental disrupters on tissue invasion and metastasis.

Ochieng J, Nangami G, Ogunkua O, Miousse IR, Kotubash I, Odero-Marah V, McCawley L, Nangia-Makker P, Ahmed N, Luqmani Y, Chen Z, Papagerakis S, Wolf GT, Dong C, Zhou BP, Brown D, Colacci A, Hamid RA, Mondello C, Raju J, Ryan E, Woodrick J, Scovassi I, Singh N, Vaccari M, Roy R, Forte S, **Memeo L**, Salem HK, Amedei A, Al-Temaimi R, Al-Mulla F, Bisson WH, Eltom S.
Carcinogenesis 2015; 36, Supp.1: S128-S159

Mechanisms of environmental chemicals that enable the cancer hallmark of evasion of growth suppression

Nahta R, Al-Mulla F, Al-Temaimi R, Amedei A, Andrade-Vieira R, Bay S, Brown D, Calaf GM, Castellino RC, Cohen-Solal KA, Colacci A, Cruickshanks N, Dent P, Di Fiore R, Forte S, Goldberg GS, Hamid RA, Krishnan H, Laird DW, Lasfar A, Marignani PA, **Memeo L**, Mondello C, Naus CC, Ponce-Cusi R, Raj J, Roy D, Roy R, Ryan E, Salem HK, Scovassi I, Singh N, Vaccari M, Vento R, Vondráček J, Wade M, Woodrick J, Bisson WH
Carcinogenesis 2015; 36, Supp.1: S2-S18

Disruptive chemicals, senescence and immortality.

Carnero A, Blanco-Aparicio C, Kondoh H, Leonart M, Martinez-Leal JF, Mondello C, Scovassi AI, Bisson WH, Amedei A, Roy R, Woodrick J, Colacci A, Vaccari M, Raju J, Al-Mulla F, Al-Temaimi R, Salem HK, **Memeo L**, Forte S, Singh N, Hamid RA, Ryan E, Brown D, Wise JP, Wise SS, Yasaei H.
Carcinogenesis 2015; 36, Supp.1: S19-S37

Inhibition of Histone Deacetylase 4 increases cytotoxicity of Docetaxel in gastric cancer

cells.

Colarossi L, **Memeo L**, Colarossi C, Aiello E, Iuppa A, Espina V, Liotta L, Muller C.
Proteomics Clinical Applications 2014; 8:924-31

Assessment of MAGE-A expression in resected non-small cell lung cancer in relation to clinicopathological features and mutational status of EGFR and KRAS.

Ayyoub M, **Memeo L**, Álvarez-Fernández E, Colarossi C, Costanzo R, Aiello E, Martinetti D, Valmori D.
Cancer Immunology Research 2014; 2:943-8

KRAS and BRAF mutational status in colon cancer from Albanian patients

Martinetti D, Costanzo R, Kadare S, Alimehmeti M, Colarossi C, Canzonieri V, Berretta M, **Memeo L**.
Diagnostic Pathology 2014; 9:187

Mek inhibition results in marked antitumor activity against metastatic melanoma patient-derived melanospheres and in melanosphere-generated xenografts

Sette G, Fecchi K, Salvati V, Lotti F, Pillozzi E, Duranti E, Biffoni M, Pagliuca A, Martinetti D, **Memeo L**, Milella M, De Maria R, Eramo A.
Journal of Experimental and Clinical Cancer Research 2013, 32:91

Amrani M, Kadiri H, Bekarsabein S, **Memeo L**, Belabbas MA, Mansukhani M.

Immunohistochemical analysis of 8 biomarkers on tissue microarray (TMA) of 46 Moroccan invasive breast carcinoma.
Journal of Biomedical Science and Engineering, 2013; 6:1014-20

A juvenile case of conjunctival atypical nevus

Colarossi C, Milazzo M, Paglierani M, Massi D, **Memeo L**, Canzonieri V.
Diagnostic Pathology 2013; 8:64

Large cell neuroendocrine carcinoma (LCNEC) of the urinary bladder: a case report

Colarossi C, Pino P, Giuffrida D, Aiello E, Costanzo R, Martinetti D, **Memeo L**.
Diagnostic Pathology 2013; 8:19

BTG2 loss and miR-21 upregulation contribute to prostate cell transformation by inducing luminal markers expression and epithelial-mesenchymal transition

Coppola V, Musumeci M, Patrizii M, Cannistraci A, Maugeri-Saccà M, Biffoni M, Francescangeli F, Cordenonsi M, Piccolo S, **Memeo L**, Pagliuca A, Muto G, Zeuner A, De Maria R, Bonci D.
Oncogene 2013; 31, 1843-53.

EGFR inhibition abrogates leiomyosarcoma stem-like cell chemoresistance through inactivation of survival pathways and impairment of CSC potential.

Sette G, Salvati V, **Memeo L**, Colarossi C, Fecchi K, Di Matteo P, Signore M, Biffoni M, D'Andrea V, De Antoni E, Canzonieri V, De Maria R, Eramo A.
Plos One 2012; 7(10): e46891.

Exocrine and Endocrine Modulation in Gastric Cancer

Canzonieri V, Colarossi C, del Col L, Perin T, Talamini R, Cannizzaro R, Aiello E, Buonadonna A, Italia F, Massi D, Carbone A, **Memeo L**.
American Journal of Clinical Pathology 2012; 137: 712-21

Preservation of phosphoproteins and tissue morphology at room temperature.

Mueller C, Edmiston KH, Carpenter C, Gaffney E, Ryan C, Ward R, White S, **Memeo L**, Colarossi C, Petricoin EF, Liotta LA, Espina V.
Plos One 2011; 6(8): e23780

PAX8 and PAX2 immunostaining facilitates the diagnosis of primary epithelial neoplasms of the male genital tract

Tong GX, **Memeo L**, Colarossi C, Hamele-Bena D, Magi-Galluzzi C, Zhou M, Lagana SM, Harik L, Oliver-Krasinski JO, Mansukhani M, Falcone L, Hibshoosh H, O'Toole K.
American Journal of Surgical Pathology 2011; 35: 1473-83

Antibody responses to NY-ESO-1 in primary breast cancer identify a subtype target for immunotherapy

Hamai A, Duperrier-Amouriaux K, Pignon P, Raimbaud I, **Memeo L**, Colarossi C, Canzonieri V, Perin T, Classe J, Campone M, Jezequel P, Campion L, Ayyoub M, Valmori D.
Plos One 2011; 6(6): e21129

Breast metastasis of primary colon cancer with micrometastasis in the axillary sentinel node: a metastasis that metastasized?

Perin T, Canzonieri V, **Memeo L**, Morassut S.
Diagnostic Pathology 2011; 28;6: 45

Control of tumor and microenvironment crosstalk by miR-15a and miR-16 in prostate cancer.

Musumeci M, Coppola V, Addario A, Patrizii M, Maugeri Saccà M, **Memeo L**, Francescangeli F, Biffoni M, Collura D, Giacobbe A, D'Urso L, Falchi M, Venneri MA, Colarossi C, Muto G, Bonci D
Oncogene 2011; 30:4231-42

Expression of MAGE-A antigens is frequent in triple negative breast cancers but does not correlate with that of basal like markers.

Hamai A, **Memeo L**, Colarossi C, Canzonieri V, Perin T, Ayyoub M, Valmori D.
Annals of Oncology 2011; 22: 986-7

Associations between Polycyclic Aromatic Hydrocarbon-Related Exposures and p53 Mutations in Breast Tumors.

Mordukhovich I, Rossner Jr P Jr, Terry MB, Santella RM, Zhang YJ, Hibshoosh H, **Memeo L**, Mansukhani M, Long CM, Garbowski G, Agrawal M, Gaudet MM, Steck SE, Sagiv SK, Eng SM, Teitelbaum SL, Neugut AI, Conway-Dorsey K, Gammon MD.

Environ Health Perspect. 2010; 118:511-8

Mutations in p53, p53 protein overexpression and breast cancer survival.

Rosner PJ, Gammon MD, Zhang YJ, Terry MB, Hibshoosh H, **Memeo L**, Mansukhani M, Long CM, Garbowski G, Agrawal M, Kalra TS, Gaudet MM, Teitelbaum SL, Neugut A, Santella RM.

Journal of Cellular and Molecular Medicine 2010; 118:511-8

PDK1 potentiates upstream lesions on the PI3K pathway in breast carcinoma.

Maurer M, Su T, Saal LH, Koujak S, Hopkins BD, Barkley CR, Wu J, Nandula S, Dutta B, Xie Y, Chin YR, Kim D, Ferris JS, Gruvberger-Saal SK, Laakso M, Wang X, **Memeo L**, Rojzman A, Matos T, Yu JS, Cordon-Cardo C, Isola J, Terry MB, Toker A, Mills GB, Zhao JJ, Murty VVVS, Hibshoosh H, Parsons R.

Cancer Research 2009; 69:6299-306

The cluster miR-15a/miR-16-1 controls prostate cancer progression by targeting multiple oncogenic activities.

Bonci D, Coppola V, Musumeci M, Adano A, Giuffrida R, **Memeo L**, D'Urso L, Pagliuca A, Bartucci M, Muto G, De Maria R.

Nature Medicine 2008; 14:1271-7

PCDH8, the human homolog of PAPC, is a candidate tumor suppressor of breast cancer.

Yu JS, Koujak S, Nagase S, Li CM, Su T, Wang X, Keniry M, **Memeo L**, Rojzman A, Mansukhani M, Tycko B, Hibshoosh H, Parsons R.

Oncogene 2008; 27:4657-65

Expression of PAX8 in nephrogenic adenoma and clear cell adenocarcinoma of the lower urinary tract: evidence of related histogenesis?

Tong GX, Weeden EM, Hamele-Bena D, Yuan Y, **Memeo L**, O'Toole K.

American Journal of Surgical Pathology 2008; 32:1380-7

BAF180 is a critical regulator of p21 induction and a tumor suppressor mutated in breast cancer.

Xia W, Nagase S, Gerstein Montia A, Kalachikov SM, Keniry M, Su T, **Memeo L**, Hibshoosh H, Parsons R.

Cancer Research 2008; 68:1667-74

Recurrent gross mutations of the PTEN tumor suppressor gene in breast cancers with deficient DSB repair.

Saal LH, Gruvberger-Saal SK, Persson C, Lövgren K, Jumppanen M, Staaf J, Jönsson G, Pires MM, Maurer M, Holm K, Koujak S, Subramaniam S, Vallon-Christersson J, Olsson H, Su T, **Memeo L**, Ludwig T, Ethier SP, Krogh M, Szabolcs M, Murty VVVS, Isola J, Hibshoosh H, Parsons R, Borg A.

Nature Genetics 2008; 40: 102-7

Apoptosis in normal and cancer stem cells.

Iannolo G, Conticello C, **Memeo L**, De Maria R.
Critical Review in Hematology and Oncology 2008; 66:42-51

Long term follow up of complete Barrett's eradication endoscopic mucosal resection (CBE-EMR) for the treatment of high grade dysplasia and intramucosal carcinoma.
Larghi A, Lightdale CJ, Ross AS, Fedi P, Hart J, Rotterdam H, Noffsinger A, **Memeo L**, Bhagat G, Waxman I.
Endoscopy 2007; 39:1086-91

An unusual case of colonic mixed adenoendocrine carcinoma: collision versus composite tumor. A case report and review of the literature.
Pecorella I, **Memeo L**, Ciardi A, Rotterdam H.
Advances in Diagnostic Pathology 2007; 11:285-90

Poor prognosis in carcinoma is associated with a gene expression signature of aberrant PTEN tumor suppressor pathway activity.
Saal LH, Johansson P, Holm K, Gruvberger-Saal SK, She QB, Maurera M, Koujak S, Ferrando AA, Malmstrom P, **Memeo L**, Isola J, Bendahl PO, Rosen N, Hibshoosh H, Ringner M, Borg A, Parsons R.
PNAS 2007; 104:7564-69

Proteasome inhibitors synergize with trail in thyroid anaplastic carcinoma cell death.
Conticello C, Adamo L, Giuffrida R, Iannolo G, Vicari L, Anastasi G, Eramo A, **Memeo L**, Giuffrida D, Gulisano M, De Maria R.
Journal of Clinical Endocrinology and Metabolism 2007; 92:1936-42

CK7, KIT and PAX2 immunohistochemistry: value in differential diagnosis of chromophobe cell carcinoma.
Memeo L, Jhang J, Assad A, McKiernan J, Murty VV, Hibshoosh H, Tong GX, Mansukhani M.
American Journal of Clinical Pathology 2007; 127:225-229

CD24 is a new oncogene, early at the multi-step process of colorectal cancer carcinogenesis.
Sagiv E, **Memeo L**, Karin A, Kazanov D, Jacob-Hirsch J, Mansukhani M, Rechavi G, Hibshoosh H, Arber N.
Gastroenterology 2006; 131: 630-639

PEG10 is a c-MYC target gene in cancer cells.
Li CM, Margolin A, Salas M, Basso K, **Memeo L**, Hibshoosh H, Szabolcs M, Klinakis A, Tycko B.
Cancer Research 2006; 66:665-72

PAX2 is a reliable immunohistochemical marker to distinguish nephrogenic adenomas from the common malignant tumors of the low urinary tract.
Tong GX, Melamed J, Mansukhani M, **Memeo L**, Waisman J.
Modern Pathology 2006; 19: 356-63

Interobserver agreement and reproducibility in diagnosis and classification of invasive carcinoma of the breast: results of the National Cancer Institute (NCI) Familial Registry Breast Cancer Pathology Working Group.

Longacre TA, Bane A, Bleiweiss I, Carter B, Catalano E, Ennis M, Hendrickson MR, Hibshoosh H, Layfield L, **Memeo L**, Quenneville L, Venter D, Wu H, O'Malley FP. *Modern Pathology* 2006; 19: 195-207

Endoscopic ultrasonography followed by endoscopic mucosal resection for staging of high grade dysplasia and early adenocarcinoma in Barrett's esophagus.

Larghi A, Lightdale CJ, **Memeo L**, Bhagat G, Okpara N, Rotterdam H. *Gastrointestinal Endoscopy* 2005; 62: 16-23

PIK3CA mutations correlate to hormone receptors, node metastasis, and ERBB2 and are mutually exclusive to PTEN loss in human breast carcinoma.

Saal LH, Holm K, Maurer M, **Memeo L**, Su T, Wang X, Yu JS, Malmstrom PO, Mansukhani M, Enoksson J, Hibshoosh H, Borg A, Parsons R. *Cancer Research* 2005; 65:2554-9

Duodenal intraepithelial lymphocytosis with normal villous architecture: common occurrence in *H. pylori* gastritis.

Memeo L, Jhang JS, Green PH, Hibshoosh H, Rotterdam H, Bhagat G. *Modern Pathology* 2005; 18: 1134-1144

Cyclin D1 overexpression is not associated with estrogen receptor status in African-American breast cancer.

Joe AK, **Memeo L**, McKoy J, Mansukhani M, Liu H, Avila-Bront A, Romero J, Chen R, Li H, Troxel, A, Weinstein IB, Hibshoosh H. *Anticancer Research* 2005; 25:273-282

Invasive ductal carcinoma with central fibrotic focus: mammographic and sonographic findings with histopathologic correlation.

Millman SL, Mercado CL, **Memeo L**, Hibshoosh H. *American Journal of Roentgenology* 2005; 185: 490-494

Lack of PTEN inhibits CHK1 and initiates genetic instability

Puc J, Keniry M, Li HS, Pandita TK, Choudhury AD, **Memeo L**, Mansukhani M, Murty VVVS, Gaciong Z, Meek SEM, Piwnicka-Worms H, Hibshoosh H, Parsons R. *Cancer Cell* 2005; 7: 193-204

Progenitor cell expansion: an important source of hepatocyte regeneration in chronic hepatitis.

Eleazar JA, **Memeo L**, Jhang JS, Mansukhani MM, Chin S, Park SM, Lefkowitz JH, Bhagat G. *Journal of Hepatology* 2004; 41: 983-991

Relationship of HLA-DQ8 and severity of celiac disease: comparison of New York and Parisian cohorts.

Johnson TC, Diamond B, **Memeo L**, Negulescu H, Hovhanissyan Z, Verkarre V, Rotterdam H, Fasano A, Caillat-Zuckman S, Grosdidier E, Winchester R, Cellier C, Jabri B, Green PH.

Clinical Gastroenterology and Hepatology 2004; 2:888-894

Frequent expression of Cancer/testis Antigens provides opportunities for immunotherapeutic targeting of sarcoma

Ayyoub M, Taub RN, Keohan ML, Hesdorffer M, **Memeo L**, Hibshoosh H, Hesdorffer CS, Valmori D.

Cancer Immunology 2004; 4:7-20

Calcium oxalate precipitates in a renomedullary interstitial cell tumor

Pecorella I, Lucas BS, Ciardi A, **Memeo L**, Miller FR.

Pathology Oncology Research 2003; 9:47-8

Endoscopic and biopsy appearance of treated adult celiac disease.

Lee SK, Lo W, **Memeo L**, Rotterdam H, Green PHR.

Gastrointestinal Endoscopy 2003; 57:187-91

Localized laryngeal amyloidosis.

Friedman AD, Bhayani R, **Memeo L**, Kuriloff DB.

Otolaryngology-Head Neck Surgery 2002; 127:487-9

Concurrent Parathyroid Adenomas and Carcinoma in the Setting of Multiple Endocrine Neoplasia Type 1: Presentation as Hypercalcemic Crisis

Dionisi S, Minisola S, Pepe J, De Geronimo S, Paglia S, **Memeo L**, Fitzpatrick LA

Mayo Clinic Proceedings 2002; 77:866-72

Correlation between chromogranin-A expression and pathological variables in human colon carcinoma

Indinnimeo M, Cicchini C, **Memeo L**, Stazi A, Provenza C, Ricci F, Mingazzini P.

Anticancer Research 2002; 22: 395-8

Plasma and tissue prolactin in colon carcinoma.

Indinnimeo M, Cicchini C, **Memeo L**, Stazi A, Ghini C, Ricci F, Reale M, Mingazzini P.

Oncology Reports 2001; 8: 1351-3

Duodenal pancreatic heterotropy diagnosed by magnetic resonance cholangiopancreatography.

Indinnimeo M, Stazi A, Cicchini C, Ghini C, Laghi A, **Memeo L**, Iannacciaro R, Teneriello FL, Mingazzini P.

Surgery Today 2001; 31: 928-31

Cysts of the adrenal gland: review of a 15-year experience.

Cavallaro A, De Toma A, Mingazzini P, Cavallaro G, Musiello G, Marchetti G, **Memeo L**, La Fanci M.

Anticancer Research 2001; 21: 1401-6

Calcium oxalate microdeposition in failing kidney grafts.

Memeo L, Ciardi A, De Nuccio I, Pecorella I, Salvati G, Di Tondo U.

Transplantation Proceedings 2001; 33: 1262-5

Epidermal growth factor receptor, MUC-1 and MUC-2 in bladder cancer.

Cardillo MR, Castagna G, **Memeo L**, De Bernardinis E, Di Silverio F.

Journal of Experimental and Clinic Cancer Research 2000; 19: 225-33

Primary non-Hodgkin`s lymphoma of the liver

Memeo L, Pecorella I, Ciardi A, Aiello E, De Quarto A, Di Tondo U.

Acta Oncologica 1999; 38: 655-8

Inflammatory pseudotumor of the liver-evidence for malignant transformation.

Pecorella I, Ciardi A, **Memeo L**, Trombetta G, De Quarto A, De Simone P, Di Tondo U.

Pathology Research and Practice 1999; 195: 115-120

An unusual case of neurofibroma of the thyroid capsule.

Ciardi A, Pecorella I, Trombetta G, **Memeo L**, De Quarto A, Di Tondo U.

Pathology Oncology Research 1997; 3: 293-295

Terata catydidymus dicephalus: a case report.

Alo` PL, Trombetta G, Marconi P, **Memeo L**, De Quarto A, Di Tondo U.

Pathologica 1997; 89:1-4