

## CURRICULUM VITAE



### PERSONAL INFORMATION

Name **MAURIZIO MARTINI**

Address **Via di Sant'Alessandro, 8, 00131  
Largo A. Gemelli 8,  
00168, Rome, Italy**

Work address **Institute of Pathology,  
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[maurizio.martini@policlinicogemelli.it](mailto:maurizio.martini@policlinicogemelli.it)

Nationality Italiana

### EDUCATION

**1997:** M.D. Medicine Doctor with honor, Faculty of Medicine, Catholic University of Sacred Heart, Rome

**2002:** Specialist in Pathology with honor, Faculty of Medicine, Catholic University of Sacred Heart, Rome

**2007:** Ph.D. Research Doctorate in "Hemopathology", Catholic University of Sacred Heart, Rome

**From 2007 to 2011:** Post-doct, Molecular Pathology laboratory, Research project: Molecular characterization of chronic myeloproliferative diseases. Supervisor: Prof. Larocca Luigi Maria

**2011:** Assistant Professor in Pathology, (Anatomia Patologica, Scientific Sector MED/08)

**2012:** Scientific Director of the Molecular Pathology Laboratory, Catholic University of Sacred Heart, Rome (Servizio di Istopatologia e Citodiagnosi, Ospedale Agostino Gemelli, Roma)

**2014:** National Scientific Qualification for Assistant Professor in Pathology (Anatomia Patologica: seconda fascia, MED/08)

**2014:** Assistant Medical Director, (Servizio di Istopatologia e Citodiagnosi, Ospedale Agostino Gemelli, Roma)

**2016:** Director of the Molecular pathology laboratories.

**2018:** National Scientific Qualification for Assistant Professor in Pathology (Anatomia Patologica: seconda fascia, MED/08)

**2020:** Associate Professor in Pathology, Catholic University of Sacred Heart, Rome

### POSITION HELD

Assistant Professor in Pathology, Assistant Medical Director in Pathology, Scientific Director of Molecular Pathology Laboratory

MOTHER TONGUE  
OTHER LANGUAGES

ITALIAN  
ENGLISH (READING SKILL: VERY GOOD; WRITING SKILL: VERY GOOD; VERBAL SKILL: GOOD)

## HONOURS

**From 2001 to 2002:** Annual grant for young researcher, Faculty of Medicine, Catholic University of Sacred Heart

**2003:** Annual grant by Italian Association for Cancer Research (AIRC). Research project: Molecular characterization of chronic myeloproliferative diseases.

**From 2005 to 2010:** Annual grant by Faculty of Medical Biotechnology, Catholic University of Sacred Heart. Research project: Biotechnological applications in Pathology. Supervisor: Prof. Larocca Luigi Maria.

**From 2011 to 2012:** Annual grant by Faculty of Medicine, Catholic University of Sacred Heart. Linea D1.

**2014-18:** National Scientific Qualification for Assistant Professor in Pathology (Anatomia Patologica: seconda fascia, MED/08)

**2020:** Assistant Professor in Pathology (Anatomia Patologica: seconda fascia, MED/08)

## RESEARCH INTERESTS

**Hematopathology:** Normal and pathological hematopoiesis; chronic myeloproliferative diseases; acute promyelocytic leukaemia; lymphomagenesis in immunocompetent and immunocompromised (HIV) patients; infection (EBV-HIV) and lymphomagenesis; chronic lymphocytic leukemia, Richter syndrome; Hodgkin disease; non-Hodgkin lymphoma; large B cell lymphoma; Primary cerebral lymphomatoid granulomatosis; Primary central nervous system lymphoma; healthy and pathological hematopoietic niche; circulating hematopoietic and endothelial precursors; hematopoietic cancer stem cell; apoptosis and hematopoiesis.

**Glial and central nervous system cancer:** Glioblastoma pathogenesis; Glioblastoma cancer stem cell; Angiogenesis in Glioblastoma, Cancer stem cell transdifferentiation, Targeted therapy in Glioblastoma; autophagic programmed cell death and glioblastoma; genome characterization of glioblastoma subtypes; recurrent glioblastoma; chordoma; anaplastic ependymoma.

**Gastrointestinal tumor:** colorectal cancer pathogenesis; targeted therapy in colorectal cancer; inflammatory bowel disease and cancer; gastrointestinal stromal tumor; hereditary gastrointestinal tumor syndrome; gastrointestinal cancer stem cell; neoangiogenesis in colorectal cancer; secondary resistance in colorectal cancer targeted therapy.

**Lung cancer:** targeted therapy and non-small cell lung carcinoma; neuroendocrine cancer.

**Thyroid cancer:** papillary cancer; follicular lesion of thyroid; medullary thyroid cancer.

**Genitourinary cancer:** endometrial carcinoma and endometriosis; prostate cancer and inflammation; seminoma and germinal cell tumor.

**University teaching courses**

Dr. Martini teaches in several university courses in the Medical and Dentistry Faculties, Catholic University of Sacred Heart, Faculty of Medical Biotechnology, Catholic University of Sacred Heart, Pathology postgraduate school, Hematology and Urology postgraduate school, Doctoral school of Oncology, University masters (first and second level).

**Reviewer Activity**

**Scientific Journal:** Journal of Clinical Oncology, Blood, New England Journal of Medicine, Journal of Experimental & Clinical Cancer Research, Haematologica, Neoplasia, International Journal of Cancer, Oncotarget, Oncogene, Modern Pathology, American Journal of Surgical Pathology, Mediterranean Journal of Hematology and infectious Diseases, Pediatric Blood & Cancer, International Journal of Molecular Sciences.

**Member of the editorial Board:** BMC Cancer, MJHID.

**National and International Funding and Grant Associations:** Italian Miur and Firc; Anvur Cineca; Cancer Research UK, Arc France, Fondazione delle Scienze della Repubblica Ceca.

## Bibliometric indexes

Dr. Martini is the author of 222 scientific publications cited by PubMed.org:

a) **first name** in 25

b) **second name** in 31

c) **seniorship** in 6,

Dr. Martini has a total *IMPACT FACTOR* greater than 800 e as first name greater than 150 (average as first name, IF 6,7).

### 1) SciVerse Scopus 15/07/2021

#### **H. index 39**

Documents selected: 22

Total citations: 4478

Academic age: 20.0 year/s

### 2) ISI Web of Knowledge, Web of Science 15/07/2021

Results found: 214

Sum of the Times Cited: 2832

Average Citations per Item: 11.5

**h-index:** **38**

### 3) Harzing's Publish or Perish 15/07/2021

Papers/Author	Hi, annual	<b>H index</b>	G index	Cites/Author	hI norm
25.08	0.71	<b>46</b>	55	32.64	10

**4) Dr. Martini has become part of the best Italian scientists from June 2015, with an H-index of 46 in VIA Academy, <http://www.topitalianscientists.org>**

## SCIENTIFIC PUBLICATIONS:

1. Servidei T, Meco D, **Martini M**, Battaglia A, Granitto A, Buzzonetti A, Babini G, Massimi L, Tamburrini G, Scambia G, Ruggiero A, Riccardi R. The BET Inhibitor OTX015 Exhibits In Vitro and In Vivo Antitumor Activity in Pediatric Ependymoma Stem Cell Models. *Int J Mol Sci.* 2021 Feb 13;22(4):1877. doi: 10.3390/ijms22041877. PMID: 33668642; PMCID: PMC7918371.
2. Straccia P, **Martini M**, Pierconti F. Pericardial metastasis from alveolar rhabdomyosarcoma: A case report. *Diagn Cytopathol.* 2021 Feb 9. Doi 10.1002/dc.24717. Epub ahead of print. PMID: 33560576.
3. Ferrara MG\*, **Martini M\***, D'Argento E, Forcella C, Vita E, Di Noia V, Sperduti I, Bilotta M, Ribelli M, Damiano P, Cannella A, Stefani A, Pilotto S, Carbone C, Piro G, Milella M, Tortora G, Bria E. PTEN Loss as a Predictor of Tumor Heterogeneity and Poor Prognosis in Patients With EGFR-mutant Advanced Non-small-cell Lung Cancer Receiving Tyrosine Kinase Inhibitors. *Clin Lung Cancer.* 2021 Feb 5:S1525-7304(20)30351-X. doi: 10.1016/j.clcc.2020.12.008. Epub ahead of print. PMID: 33558194.
4. Schino M, Fiorentino V, Rossi E, Betti S, Di Cecca M, Ranucci V, Chiusolo P, **Martini M\***, De Stefano V\*, Larocca LM. Bone marrow megakaryocytic activation predicts fibrotic evolution of Philadelphia-negative myeloproliferative neoplasms. *Haematologica.* 2020 Nov 19. doi: 10.3324/haematol.2020.264143. Epub ahead of print. PMID: 33543865.
5. Tassinari V, Cesarini V, Tomaselli S, Ianniello Z, Silvestris DA, Ginistrelli LC, **Martini M**, De Angelis B, De Luca G, Vitiani LR, Fatica A, Locatelli F, Gallo A. ADAR1 is a new target of METTL3 and plays a pro-oncogenic role in glioblastoma by an editing-independent mechanism. *Genome Biol.* 2021 Jan 28;22(1):51. doi: 10.1186/s13059-021-02271-9. PMID: 33509238; PMCID: PMC7842030.
6. Melotti L, Meco D, Battaglia A, Buzzonetti A, **Martini M**, Ruggiero A, Scambia G, Riccardi R. Targeting the mitogen-activated protein kinase kinase and protein kinase A pathways overcomes acquired resistance to Selumetinib in low-grade glioma cells. *Oncol Rep.* 2020 Nov 25. doi: 10.3892/or.2020.7867. Epub ahead of print. PMID: 33416182.
7. Fiorentino V\*, **Martini M\***, Dell'Aquila M, Musarra T, Orticelli E, Larocca LM, Rossi E, Totaro A, Pinto F, Lenci N, Di Paola V, Manfredi R, Bassi PF, Pierconti F. Histopathological Ratios to Predict Gleason Score Agreement between Biopsy and Radical Prostatectomy. *Diagnostics (Basel).* 2020 Dec 23;11(1):10. doi: 10.3390/diagnostics11010010. PMID: 33374618; PMCID: PMC7822416.
8. Presacco S, Agnes AL, Magalini S, Carbone A, **Martini M**, Agnes A. Bleeding "sarcomatosis" as a rare presentation of vascular graft-related angiosarcoma: case report and review of the literature. *BMC Surg.* 2020 Nov 20;20(1):291. doi: 10.1186/s12893-020-00966-7. PMID: 33218319; PMCID: PMC7678180.
9. Lenci N, Francesco P, Scarciglia E, Fiorentino V, Schino M, Palermo G, Racioppi M, Bassi P, **Martini M**. Metanephric adenoma with BRAF V600K mutation and a doubtful radiological imaging: pitfalls in the diagnostic process. *Med Mol Morphol.* 2020 Nov 11. doi: 10.1007/s00795-020-00269-z. Epub ahead of print. PMID: 33175195.
10. Miele L, Alberelli MA, **Martini M**, Liguori A, Marrone G, Cocomazzi A, Vecchio FM, Landolfi R, Gasbarrini A, Grieco A, De Candia E. Nonalcoholic fatty liver disease (NAFLD) severity is associated to a nonhemostatic contribution and proinflammatory phenotype of platelets. *Transl Res.* 2020 Nov 7:S1931-5244(20)30255-3. doi: 10.1016/j.trsl.2020.11.003. Epub ahead of print. PMID: 33171266.
11. Pierconti F, **Martini M**, Fiorentino V, Cenci T, Capodimonti S, Straccia P, Sacco E, Pugliese D, Cindolo L, Larocca LM, Bassi PF. The combination cytology/epicheck test in non muscle invasive bladder carcinoma follow-up: Effective tool or useless expence? *Urol Oncol.* 2021 Feb;39(2):131.e17-131.e21. doi: 10.1016/j.urolonc.2020.06.018. Epub 2020 Aug 7. PMID: 32773233.
12. Straccia P, Rossi ED, **Martini M**, Mulè A, Cianfrini F, Curatolo M, Cancellieri A, Brunelli C, Zannoni GF, Fadda G. Description of a new biosafe procedure for cytological specimens from patients with COVID-19 processed by liquid-based preparations. *Cancer Cytopathol.* 2020 Dec;128(12):905-909. doi: 10.1002/cncy.22341. Epub 2020 Aug 7. PMID: 32767745; PMCID: PMC7436212.
13. Antonelli R, Jiménez C, Riley M, Servidei T, Riccardi R, Soriano A, Roma J, Martínez-Saez E, **Martini M**, Ruggiero A, Moreno L, Sánchez de Toledo J, Gallego S, Bové J, Hooker JM, Segura MF. CN133, a Novel Brain-Penetrating Histone Deacetylase Inhibitor, Hampers Tumor Growth in Patient-Derived Pediatric Posterior Fossa Ependymoma Models. *Cancers (Basel).* 2020 Jul 16;12(7):1922. doi: 10.3390/cancers12071922. PMID: 32708733; PMCID: PMC7409080.
14. Marano M, Brunelli C, De Marco C, **Martini M**, Quattrocchi CC, Lauriola L, Di Lazzaro V. Neuroimages and Neuropathology of a Stroke-Like Cerebral Lymphomatoid Granulomatosis. *Can J Neurol Sci.* 2021 Jan;48(1):114-115. doi: 10.1017/cjn.2020.133. Epub 2020 Jul 6. PMID: 32624028.
15. Girolami I, Pantanowitz L, Munari E, **Martini M**, Nocini R, Bisi N, Molteni G, Marchioni D, Ghimenton C, Brunelli M, Eccher A. Prevalence of PD-L1 expression in head and neck squamous precancerous lesions: a systematic review and meta- analysis. *Head Neck.* 2020 Oct;42(10):3018-3030. doi: 10.1002/hed.26339. Epub 2020 Jun 22. PMID: 32567746.
16. D'alessandris QG, **Martini M**, Cenci T, Di Bonaventura R, Lauretti L, Stumpo V, Olivi A, Larocca LM, Pallini R, Montano N. Tailored therapy for recurrent glioblastoma. Report of a personalized molecular approach. *J Neurosurg Sci.* 2020 Jun 17. doi: 10.23736/S0390-5616.20.04943-7. Epub ahead of print. PMID: 32550606.
17. Pierconti F, **Martini M**, Cenci T, Fiorentino V, Sacco E, Bientinesi R, Pugliese D, Iacovelli R, Schinzari G, Larocca LM, Bassi PF. Methylation study of the Paris system for reporting urinary (TPS) categories. *J Clin Pathol.* 2021 Feb;74(2):102-105. doi: 10.1136/jclinpath-2020-206633. Epub 2020 Jun 11. PMID: 32527754.

18. Buccarelli M, Lulli V, Giuliani A, Signore M, **Martini M**, D'Alessandris QG, Giannetti S, Novelli A, Ilari R, Giurato G, Boe A, Castellani G, Spartano S, Marangi G, Biffoni M, Genuardi M, Pallini R, Marziali G, Ricci-Vitiani L. Deregulated expression of the imprinted DLK1-DIO3 region in glioblastoma stemlike cells: tumor suppressor role of lncRNA MEG3. *Neuro Oncol.* 2020 Dec 18;22(12):1771-1784. doi: 0.1093/neuonc/noaa127. PMID: 32459347; PMCID: PMC7746944.
19. Brai A, Riva V, Saladini F, Zamperini C, Trivisani CI, Garbelli A, Pennisi C, Giannini A, Boccuto A, Bugli F, **Martini M**, Sanguinetti M, Zazzi M, Dreassi E, Botta M, Maga G. DDX3X inhibitors, an effective way to overcome HIV-1 resistance targeting host proteins. *Eur J Med Chem.* 2020 Aug 15;200:112319. doi: 10.1016/j.ejmech.2020.112319. Epub 2020 May 7. PMID: 32446036.
20. Lulli V, Buccarelli M, Ilari R, Castellani G, De Dominicis C, Di Giamberardino A, D'Alessandris QG, Giannetti S, **Martini M**, Stumpo V, Boe A, De Luca G, Biffoni M, Marziali G, Pallini R, Ricci-Vitiani L. Mir-370-3p Impairs Glioblastoma Stem-Like Cell Malignancy Regulating a Complex Interplay between HMGA2/HIF1A and the Oncogenic Long Non-Coding RNA (lncRNA) NEAT1. *Int J Mol Sci.* 2020 May 20;21(10):3610. doi: 0.3390/ijms21103610. PMID: 32443824; PMCID: PMC7279259.
21. Lupo F, Piro G, Torroni L, Delfino P, Trovato R, Rusev B, Fiore A, Filippini D, De Sanctis F, Manfredi M, Marengo E, Lawlor RT, **Martini M**, Tortora G, Ugel S, Corbo V, Melisi D, Carbone C. Organoid-Transplant Model Systems to Study the Effects of Obesity on the Pancreatic Carcinogenesis in vivo. *Front Cell Dev Biol.* 2020 Apr 28;8:308. doi: 10.3389/fcell.2020.00308. PMID: 32411709; PMCID: PMC7198708.
22. Fioravanzo A, Caffo M, Di Bonaventura R, Gardiman MP, Ghimenton C, Ius T, Maffei V, **Martini M**, Nicolato A, Pallini R, Pegolo E, Pinna G, Sala F, Skrap M, Volpin V, Barresi V. A Risk Score Based on 5 Clinico-Pathological Variables Predicts Recurrence of Atypical Meningiomas. *J Neuropathol Exp Neurol.* 2020 May 1;79(5):500-507. doi: 10.1093/jnen/nlaa018. PMID: 32232472.
23. Strippoli A, Cocomazzi A, Basso M, Cenci T, Ricci R, Pierconti F, Cassano A, Fiorentino V, Barone C, Bria E, Ricci-Vitiani L, Tortora G, Larocca LM, **Martini M**. c-MYC Expression Is a Possible Keystone in the Colorectal Cancer Resistance to EGFR Inhibitors. *Cancers (Basel).* 2020 Mar 10;12(3):638. doi: 10.3390/cancers12030638. PMID: 32164324; PMCID: PMC7139615.
24. Pierconti F, Raspollini MR, **Martini M**, Larocca LM, Bassi PF, Bientinesi R, Baroni G, Minervini A, Petracco G, Pini GM, Patriarca C. Correction to: PD-L1 expression in bladder primary in situ urothelial carcinoma: evaluation in BCG-unresponsive patients and BCG responders. *Virchows Arch.* 2020 Aug;477(2):327. doi: 10.1007/s00428-020-02791-y. Erratum for: *Virchows Arch.* 2020 Aug;477(2):269-277. PMID: 32157466.
25. Dell'Aquila M, Granitto A, **Martini M**, Capodimonti S, Cocomazzi A, Musarra T, Fiorentino V, Pontecorvi A, Lombardi CP, Fadda G, Pantanowitz L, Larocca LM, Rossi ED. PD-L1 and thyroid cytology: A possible diagnostic and prognostic marker. *Cancer Cytopathol.* 2020 Mar;128(3):177-189. doi: 10.1002/cncy.22224. Epub 2019 Dec 10. PMID: 31821747.
26. Iacovelli R, Ciccarese C, Schinzari G, Rossi E, Maiorano BA, Astore S, D'Angelo T, Cannella A, Pirozzoli C, Teberino MA, Pierconti F, **Martini M**, Tortora G. Biomarkers of response to advanced prostate cancer therapy. *Expert Rev Mol Diagn.* 2020 Jan 27;1-11. doi: 10.1080/14737159.2020.1707669.
27. Maiolo E, Alma E, Napodano C, Gulli F, Bellesi S, Cuccaro A, Pocino K, D'Alo' F, Iachini M, **Martini M**, Larocca LM, De Stefano V, Basile U, Hohaus S. The prognostic impact of monoclonal immune globulin and free light chain secretion in diffuse large B cell lymphoma (DLBCL). *Leuk Lymphoma.* 2019 Dec 31:1-7. doi: 10.1080/10428194.2019.1706731.
28. Pacioni S, D'Alessandris QG, Buccarelli M, Boe A, **Martini M**, Larocca LM, Bolasco G, Ricci-Vitiani L, Falchetti ML, Pallini R. Brain Invasion along Perivascular Spaces by Glioma Cells: Relationship with Blood-Brain Barrier. *Cancers (Basel).* 2019 Dec 19;12(1). pii: E18. doi: 10.3390/cancers12010018.
29. Straccia P, **Martini M**, Sacco E, Bassi PF, Pierconti F. Cytological features of micropapillary and plasmacytoid variants of urothelial carcinoma. *Diagn Cytopathol.* 2020 Feb;48(2):111-117. doi: 10.1002/dc.24331. Epub 2019 Oct 24.
30. Grande G, Milardi D, **Martini M**, Cenci T, Gulino G, Mancini F, Bianchi A, Pontecorvi A, Pierconti F. Protein Expression of PTTG-1, OCT-4, and KLF-4 in Seminoma: A Pilot Study. *Front Endocrinol (Lausanne).* 2019 Sep 11;10:619. doi: 10.3389/fendo.2019.00619. eCollection 2019.
31. Pierconti F, **Martini M**, Grande G, Larocca LM, Sacco E, Pugliese D, Gulino G, Bassi PF, Milardi D, Pontecorvi A. Germ Cell Neoplasia in situ (GCNIS) in Testis-Sparing Surgery (TSS) for Small Testicular Masses (STMs). *Front Endocrinol (Lausanne).* 2019 Aug 7;10:512. doi: 10.3389/fendo.2019.00512. eCollection 2019.
32. Fiorentino V, Pierconti F, Lenci N, Calicchia M, Palermo G, Bassi P, Larocca LM, **Martini M**. Urinary bladder leiomyosarcoma with osteoclast-like multinucleated giant cells: a case report. *BMC Cancer.* 2019; 19(1):763.
33. Silvestris DA, Picardi E, Cesarini V, Fosso B, Mangraviti N, Massimi L, **Martini M**, Pesole G, Locatelli F, Gallo A. Dynamic inosinome profiles reveal novel patient stratification and gender-specific differences in glioblastoma. *Genome Biol.* 2019 Feb 13;20(1):33.
34. Chiloiro S, Capoluongo ED, Schinzari G, Concolino P, Rossi E, **Martini M**, Cocomazzi A, Grande G, Milardi D, Maiorano BA, Giampietro A, Rindi G, Pontecorvi A, De Marinis L, Bianchi A. First Case of Mature Teratoma and Yolk Sac Testis Tumor Associated to Inherited MEN-1 Syndrome. *Front Endocrinol (Lausanne).* 2019 Jun 12;10:365.
35. Ricci R, **Martini M**, Ravegnini G, Cenci T, Milione M, Lanza P, Pierconti F, Santini D, Angelini S, Biondi A, Rosa F, Alfieri S, Clemente G, Persiani R, Cassano A, Pantaleo MA, Larocca LM. Preferential MGMT methylation could predispose a subset of KIT/PDGFR $\alpha$ -WT GISTs, including SDH-deficient ones, to respond to alkylating agents. *Clin Epigenetics.* 2019 Jan 7;11(1):2.

36. Porcu C, Sideri S, **Martini M**, Cocomazzi A, Galli A, Tarantino G, Balsano C. Oleuropein Induces AMPK-Dependent Autophagy in NAFLD Mice, Regardless of the Gender. *Int J Mol Sci*. 2018 Dec 8;19(12).
37. Falchetti ML, D'Alessandris QG, Pacioni S, Buccarelli M, Morgante L, Giannetti S, Lulli V, **Martini M**, Larocca LM, Vakana E, Stancato L, Ricci-Vitiani L, Pallini R. Glioblastoma endothelium drives bevacizumab-induced infiltrative growth via modulation of PLXDC1. *Int J Cancer*. 2019 Mar 15;144(6):1331-1344.
38. D'Alessandris QG, Montano N, **Martini M**, Cenci T, Lauretti L, Stumpo V, Pignotti F, Olivi A, Fernandez E, Larocca LM, Pallini R. Eight-year survival of a recurrent glioblastoma patient treated with molecularly tailored therapy: a case report. *Acta Neurochir (Wien)*. 2018 Dec;160(12):2387-2391.
39. Magnini D, Fuso L, Varone F, D'Argento E, **Martini M**, Pecoriello A, Di Noia V, Arciuolo D, Fadda G, Rindi G, Richeldi L. Molecular Testing in EBUS-TBNA Specimens of Lung Adenocarcinoma: A Study of Concordance Between Cell Block Method and Liquid-Based Cytology in Appraising Sample Cellularity and EGFR Mutations. *Mol Diagn Ther*. 2018 Dec;22(6):723-728.
40. Pierconti F, **Martini M**, Straccia P, Fiorentino V, Musarra T, Larocca LM, Lopez-Beltran A. Hypochromatic large urothelial cells in urine cytology are indicative of high grade urothelial carcinoma. *APMIS*. 2018 Sep;126(9):705-709.
41. Buccarelli M, Marconi M, Pacioni S, De Pascalis I, D'Alessandris QG, **Martini M**, Ascione B, Malomi W, Larocca LM, Pallini R, Ricci-Vitiani L, Matarrese P. Inhibition of autophagy increases susceptibility of glioblastoma stem cells to temozolomide by igniting ferroptosis. *Cell Death Dis*. 2018 Aug 6;9(8):841.
42. **Martini M**, de Pascalis I, D'Alessandris QG, Fiorentino V, Pierconti F, Marei HE, Ricci-Vitiani L, Pallini R, Larocca LM. VEGF-121 plasma level as biomarker for response to anti-angiogenetic therapy in recurrent glioblastoma. *BMC Cancer*. 2018 May 10;18(1):553.
43. Rossi ED, **Martini M**, Capodimonti S, Cenci T, Bilotta M, Pierconti F, Pontecorvi A, Lombardi CP, Fadda G, Larocca LM. Morphology combined with ancillary techniques: An algorithm approach for thyroid nodules. *Cytopathology*. 2018 Oct;29(5):418-427.
44. Inno A, Di Noia V, **Martini M**, D'Argento E, Di Salvatore M, Arena V, Schinzari G, Orlandi A, Larocca LM, Cassano A, Barone C. Erlotinib for Patients with EGFR Wild-Type Metastatic NSCLC: a Retrospective Biomarkers Analysis. *Pathol Oncol Res*. 2018 Mar 20.
45. Porcu C, Antonucci L, Barbaro B, Illi B, Nasi S, **Martini M**, Licata A, Miele L, Grieco A, Balsano C. Copper/MYC/CTR1 interplay: a dangerous relationship in hepatocellular carcinoma. *Oncotarget*. 2018 Jan 20;9(10):9325-9343.
46. **Martini M**, Capodimonti S, Cenci T, Bilotta M, Fadda G, Larocca LM, Rossi ED. To Obtain More With Less: Cytologic Samples With Ancillary Molecular Techniques-The Useful Role of Liquid-Based Cytology. *Arch Pathol Lab Med*. 2018 Mar;142(3):299-307.
47. Spina V, Brusca A, Cuccaro A, **Martini M**, Di Trani M, Forestieri G, Manzoni M, Condoluci A, Arribas A, Terzi-Di-Bergamo L, Locatelli SL, Cupelli E, Ceriani L, Moccia AA, Stathis A, Nassi L, Deambrogi C, Diop F, Guidetti F, Cocomazzi A, Annunziata S, Rufini V, Giordano A, Neri A, Boldorini R, Gerber B, Bertoni F, Ghielmini M, Stüssi G, Santoro A, Cavalli F, Zucca E, Larocca LM, Gaidano G, Hohaus S, Carlo-Stella C, Rossi D. Circulating tumor DNA reveals genetics, clonal evolution and residual disease in classical Hodgkin lymphoma. *Blood*. 2018 May 31;131(22):2413-2425.
48. De Pascalis I, Morgante L, Pacioni S, D'Alessandris QG, Giannetti S, **Martini M**, Ricci-Vitiani L, Malinverno M, Dejana E, Larocca LM, Roberto Pallini R. Endothelial trans-differentiation in glioblastoma recurring after radiotherapy. *Mod Pathol*. 2018 Sep;31(9):1361-1366.
49. Pierconti F, Rossi ED, **Martini M**, Sacco E, Bassi PF, Larocca LM. 34BetaE12 and Alfa-Methylacyl Coenzyme A Racemase (AMACR) Antibodies Better Than p63 Antibody Distinguish Normal and Neoplastic Glands in Prostatic Tissue With Thermal Artifacts. *Appl Immunohistochem Mol Morphol*. 2018 (In press)
50. Servidei T, Meco D, Muto V, Bruselles A, Ciolfi A, Trivieri N, Lucchini M, Morosetti R, Mirabella M, **Martini M**, Caldarelli M, Lasorella A, Tartaglia M, Riccardi R. Novel SEC61G-EGFR fusion gene in pediatric ependymomas discovered by clonal expansion of stem cells in absence of exogenous mitogens. *Cancer Res* 2017 (In press)
51. Rossi ED, Mehrotra S, Kilic AI, Toslak IE, Lim-Dunham J, **Martini M**, Fadda G, Lombardi CP, Larocca LM, Barkan GA. Noninvasive follicular thyroid neoplasm with papillary-like nuclear features in the pediatric age group. *Cancer*. 2017 (In press)
52. De Stefano A, Rosanova M, Malapelle U, **Martini M**, De Falco S, Attademo L, Fiore G, Cenci T, Bellevicine C, De Placido S, Troncone G, Carlomagno C. Discordance in RAS mutations between primary colon tumor and metastases: a real event or a matter of methodology? *Int J Biol Markers*. 2017 (In press)
53. Rossi ED\*, **Martini M\***, Larocca LM\*. When Somatic Mutations Are Associated With a Higher Aggressive Behavior-A Story of Announced Evidence. *JAMA Oncol*. 2017 Oct 1;3(10):1427-1428.
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**Chapter on BOOK**

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