

CURRICULUM VITAE

Renato Mariani Costantini

(anche conosciuto come Renato Mariani-Costantini)

Luogo: Roma, Italia

Nazionalità: Italiana

Posizione Accademica: Macrosettore 06-A - Patologia e Diagnostica di Laboratorio

Settore Concorsuale: 06/A2 - Patologia Generale e Patologia Clinica

Settore Scientifico-Disciplinare: MED/04

Qualifica: Professore Ordinario

Anzianità nel Ruolo: anni 24

Sede Universitaria: Università degli Studi "G. d'Annunzio" Chieti

Struttura di Afferenza: Dipartimento di Scienze Mediche, Orali e Biotecnologiche

Indirizzo di lavoro

Unità di Patologia Generale
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Google Scholar Citations

Scopus Author ID: [7004654530](https://orcid.org/0000-0002-4440-1848)

Titoli di studio

- 1976 - Laurea in Medicina e Chirurgia con lode, Università "La Sapienza", Roma
- 1977 - Internato post-laurea in Neurochirurgia, Università "La Sapienza", Roma.
- 1977 - Esami di Stato di Abilitazione per Medico-Chirurgo, Roma
- 1977 - Esame della *Educational Commission Foreign Medical Graduate (ECFMG)*, per accesso al training post-laurea in USA
- 1978 - *Visa Qualifying Examination*, per accesso al training post-laurea in USA
- 1979 - *United States Medical Licensing Examination (District of Columbia)* per abilitazione medica in USA
- 1981 - *Certification of Residency Training in Pathology, George Washington University and Affiliated Hospitals, Washington, DC, USA*
- 1982 - Specializzazione in Anatomia Patologica, Università "La Sapienza", Roma

Posizioni ricoperte precedentemente

- 1978-1981 *Resident in Anatomic Pathology, George Washington University Medical Center and Affiliated Hospitals Washington, D.C., USA*
- 1981 *Guest Worker, Laboratory of Cellular and Molecular Biology, National Cancer Institute, NIH Bethesda, Maryland, USA*
- 1981-1982 Borsista, Divisione di Anatomia Patologica, Istituto Nazionale per lo Studio e la Cura dei Tumori, Milano
- 1983 Ricercatore Associato Divisione di Oncologia Sperimentale A, Istituto Nazionale per lo Studio e la Cura dei Tumori, Milan, Italy
- 1983-1987 Ricercatore Universitario, Istituto di Istologia ed Embriologia Generale, Facoltà di Medicina e Chirurgia, Università di Roma "La Sapienza"
- 1984-1987 *John Fogarty Visiting Associate, Laboratory of Tumor Immunology and Biology, Oncogenetics Section, National Cancer Institute, NIH, Bethesda, Maryland, USA*
- 1987-1994 Professore Associato di Patologia Generale, Università "G. d'Annunzio", Chieti

1994-1997	Professore Straordinario di Patologia Generale, Università "G. d'Annunzio", Chieti
1997-ad oggi	Professore Ordinario di Patologia Generale, Università "G. d'Annunzio", Chieti
2003-ad oggi	Responsabile, Unità di Patologia Generale, CeSI-MeT, Chieti
2009-2011	Direttore, Dipartimento di Oncologia e Medicina Sperimentale (poi Oncologia e Neuroscienze), Università G. d'Annunzio, Chieti.

Finanziamenti

1. New role of HCMV in head/neck paraganglioma: functional loops controlled by host miRNAs and novel therapeutic targets.

Associazione Italiana per la Ricerca sul Cancro (Milan) 2016-01 to 2018-09

GRANT_NUMBER: IG16932

2. Probing hypoxia-driven oncogenic progression via pathway dependencies: the paraganglioma paradigm.

Associazione Italiana per la Ricerca sul Cancro (Milan) 2009-11 to 2012-12

GRANT_NUMBER: IG9168

3. Paleopatologia molecolare delle malattie neoplastiche ed infettive.

Ministry of Higher Education and Scientific Research (Rome) 2003-11 to 2005-12

GRANT_NUMBER: 2003067835_005

4. La popolazione di Roma antica: analisi osteoarcheologica dell'impatto delle malattie e della possibile conservazione del DNA per lo studio dell'eterogeneità genetica.

Ministry of Higher Education and Scientific Research (Rome) 2000-12 to 2003-01

GRANT_NUMBER: MM10264872_003

5. Genetica e patologia molecolare dei carcinomi ereditari della mammella/ovaio legati a mutazioni germinali dei geni BRCA1 e BRCA2.

Ministry of Education and Scientific Research (Rome) 1999-11 to 2002-08

GRANT_NUMBER: 9906174322_011

6. Regolazione dei geni BRCA1 e BRCA2 nella trasduzione del segnale mediata da recettori ERB-B e dal recettore estrogenico (ER).

Italian Ministry of Education and Scientific Research (Rome) 1998-12 to 2001-01

GRANT_NUMBER: 9806267988_008

7. Progetto Finalizzato CNR Beni Culturali - Sottoprogetto 4: Analisi e conservazione della diversità biologica: "archivio" botanico, zoologico, antropologico

Italian National Research Council (CNR) (Rome) 1996-01 to 2000-12

8. Progetto Finalizzato "Applicazioni Cliniche della Ricerca Oncologica" (Acronimo: Progetto Finalizzato Oncologia) Consiglio Nazionale delle Ricerche (Rome) 1991-01 to 1996-12|
URL: <http://progettooncologia.cnr.it/>

9. Altri progetti AIRC e PRIN dal 1988 al 1996

Publicazioni scientifiche su riviste internazionali

1. Albertini R, **Mariani-Costantini R**, Sanna M. Proper tumor classification and growth rate are key elements when considering indications and results of radiotherapy for head and neck paragangliomas. *Head & neck* 2019-04-29 | journal-article
PMID: 31034657 DOI: 10.1002/hed.25801
2. Piras G, **Mariani-Costantini R**, Sanna M. Are Outcomes of Radiosurgery For Tympanojugular Paraganglioma Overestimated? *Otology & neurotology : official publication of the American Otological Society American Neurotology Society [and] European Academy of Otology and Neurotology* 2019-04-19 | journal-article
PMID: 31033928 DOI: 10.1097/mao.00000000000002221
3. Pagotto S, Veronese A, Soranno A, Balatti V, Ramassone A, Guanciali-Franchi PE, Palka G, Innocenti I, Autore F, Rassenti LZ, Kipps TJ, **Mariani-Costantini R**, Laurenti L, Croce CM, Visone R. HNRNP1 Restraints miR-155 Targeting of BUB1 to Stabilize Aberrant Karyotypes of Transformed Cells in Chronic Lymphocytic Leukemia *Cancers* 2019-04 | journal-article
DOI: 10.3390/cancers11040575
4. Aceto GM, Awadelkarim KD, Di Nicolò M, Moscatello C, Pantalone MR, Verginelli F, Elwali NE, **Mariani-Costantini R**. Germline TP53 mutation spectrum in Sudanese premenopausal breast cancer patients: correlations with reproductive factors *Breast Cancer Research and Treatment* 2019-02-22 | journal-article
DOI: 10.1007/s10549-019-05168-1
5. Lotti LV, Vespa S, Pantalone MR, Perconti S, Esposito DL, Visone R, Veronese A, Paties CT, Sanna M, Verginelli F, Naucler CS, **Mariani-Costantini R**. A Developmental Perspective on Paragangliar Tumorigenesis *Cancers* 2019-02 | journal-article
DOI: 10.3390/cancers11030273
6. Florio R, De Leellis L, Veschi S, Verginelli F, di Giacomo V, Gallorini M, Perconti S, Sanna M, **Mariani-Costantini R**, Natale A, Ardumi A, Amoroso F, Cataldi A, Canali A. Effects of dichloroacetate as single agent or in combination with GW6471 and metformin in paraganglioma cells. *Scientific reports*

2018-09 | journal-article

PMID: 30206358PMC: PMC6134030DOI: 10.1038/s41598-018-31797-5

7. Pagotto S, Veronese A, Soranno A, Lanuti P, Di Marco M, Russo MV, Ramassone A, Marchisio M, Simeone P, Guanciali-Franchi PE, Palka G, **Mariani-Costantini R**, Croce CM, Visone R. 2Hsa-miR-155-5p drives aneuploidy at early stages of cellular transformation.

Oncotarget

2018-02-07 | journal-article

DOI: 10.18632/oncotarget.24437

8. Verginelli F, Perconti S, Vespa S, Schiavi F, Prasad SC, Lanuti P, Cama A, Tramontana L, Esposito DL, Guarnieri S, Sheu A, Pantalone MR, Florio R, Morgano A, Rossi C, Bologna G, Marchisio M, D'Argenio A, Taschin E, Visone R, Opocher G, Veronese A, Paties CT, Rajasekhar VK, Söderberg-Nauclér C, Sanna M, Lotti LV, **Mariani-Costantini R**. Paragangliomas arise through an autonomous vasculo-angio-neurogenic program inhibited by imatinib

Acta Neuropathologica

2018 | journal-article

DOI: 10.1007/s00401-017-1799-2EID: 2-s2.0-85040044893

9. Pepe F, Pagotto S, Soliman S, Rossi C, Lanuti P, Braconi C, **Mariani-Costantini R**, Visone R, Veronese A. Regulation of miR-483-3p by the O-linked N-acetylglucosamine transferase links chemosensitivity to glucose metabolism in liver cancer cells.

Oncogenesis

2017-05-08 | journal-article

DOI: 10.1038/oncsis.2017.35

10. Florio R, De Lellis L, di Giacomo V, Di Marcantonio MC, Cristiano L, Basile M, Verginelli F, Verzilli D, Ammazalorso A, Prasad SC, Cataldi A, Sanna M, Cimini A, **Mariani-Costantini R**, Mincione G, Cama A. Effects of PPAR α inhibition in head and neck paraganglioma cells

PLoS ONE

2017 | journal-article

DOI: 10.1371/journal.pone.0178995EID: 2-s2.0-85020381474

12. Lupini L, Pepe F, Ferracin M, Braconi C, Callegari E, Pagotto S, Spizzo R, Zagatti B, Lanuti P, Fornari F, Ghasemi R, **Mariani-Costantini R**, Bolondi L, Gramantieri L, Calin GA, Sabbioni S, Visone R, Veronese A, Negrini M. Over-expression of the miR-483-3p overcomes the miR-145/TP53 pro-apoptotic loop in hepatocellular carcinoma

Oncotarget

2016 | journal-article

DOI: 10.18632/oncotarget.8913EID: 2-s2.0-84971578707

13. Veronese A, Pepe F, Chiacchia J, Pagotto S, Lanuti P, Veschi S, Di Marco M, D'Argenio A, Innocenti I, Vannata B, Autore F, Marchisio M, Wernicke D, Verginelli F, Leone G, Rassenti LZ, Kipps TJ, **Mariani-Costantini R**, Laurenti L, Croce CM, Visone R. Allele-specific loss and transcription of the miR-15a/16-1 cluster in chronic lymphocytic leukemia

Leukemia

2015 | journal-article

DOI: 10.1038/leu.2014.139EID: 2-s2.0-84420689479

14. Biunno I, Aceto G, Awadelkarim KD, Morgano A, Elfaj A, Eltayeb EA, Auidris DO, Elwali NE, Spinelli C, De Blasio P, Roviola E, **Mariani-Costantini R**. BRCA1 point mutations in premenopausal breast cancer patients from Central Sudan

Familial Cancer

2014 | journal-article

DOI: 10.1007/s10689-014-9717-4EID: 2-s2.0-84907172283

15. Vacca M, D'Amore S, Graziano G, D'Orazio A, Cariello M, Massafra V, Salvatore L, Martelli N, Murzilli S, Lo Sasso G, **Mariani-Costantini R**, Moschetta A. Clustering nuclear receptors in liver regeneration identifies candidate modulators of hepatocyte proliferation and hepatocarcinoma

PLoS ONE

2014 | journal-article

DOI: 10.1371/journal.pone.0104449EID: 2-s2.0-84905851448

16. Sabbioni E, Fortaner S, Farina M, Del Torchio R, Olivato I, Petrarca C, Bernardini G, Mariani-Costantini R, Perconti S, Di Giampaolo L, Gornati R, Di Gioacchino M. Cytotoxicity and morphological transforming potential of cobalt nanoparticles, microparticles and ions in Balb/3T3 mouse fibroblasts: An in vitro model

Nano toxicology

2014 | journal-article

DOI: 10.3109/17435390.2013.796538EID: 2-s2.0-84890390637

17. Bishehsari F, Mahdavinia M, Vacca M, Malekzadeh R, **Mariani-Costantini R**. Epidemiological transition of colorectal cancer in developing countries: Environmental factors, molecular pathways, and opportunities for prevention

World Journal of Gastroenterology

2014 | journal-article

DOI: 10.3748/wjg.v20.i20.6055EID: 2-s2.0-84901499648

18. Sabbioni E, Fortaner S, Farina M, Del Torchio R, Petrarca C, Bernardini G, **Mariani-Costantini R**, Perconti S, Di Giampaolo L, Gornati R, Di Gioacchino M. Interaction with culture medium components, cellular uptake and intracellular distribution of cobalt nanoparticles, microparticles and ions in Balb/3T3 mouse fibroblasts

Nanotoxicology

2014 | journal-article

DOI: 10.3109/17435390.2012.752051EID: 2-s2.0-84890352966

19. Petrarca C, Clemente E, Di Giampaolo L, **Mariani-Costantini R**, Leopold K, Schindl R, Lotti LV, Mangifesta R, Sabbioni E, Niu Q, Bernardini G, Di Gioacchino M. Palladium nanoparticles induce disturbances in cell cycle entry and progression of peripheral blood mononuclear cells: Paramount role of ions

Journal of Immunology Research

2014 | journal-article

DOI: 10.1155/2014/295092EID: 2-s2.0-84904786769

20. Prasad SC, Mimoune HA, D'Orazio F, Medina M, Bacciu A, **Mariani-Costantini R**, Piazza P, Sanna M. The role of wait-and-scan and the efficacy of radiotherapy in the treatment of temporal bone paragangliomas

Otology and Neurotology

2014 | journal-article

DOI: 10.1097/MAO.0000000000000386EID: 2-s2.0-84901617915

21. Perconti S, Aceto GM, Verginelli F, Napolitano F, Petrarca C, Bernardini G, Raiconi G, Tagliaferri R, Sabbioni E, Di Gioacchino M, **Mariani-Costantini R**. Distinctive gene expression profiles in Balb/3T3 cells exposed to low dose cobalt nanoparticles, microparticles and ions: potential nanotoxicological relevance.

Journal of biological regulators and homeostatic agents

2013-04 | journal-article

PMID: 23830394

22. Napolitano F, **Mariani-Costantini R**, Tagliaferri R. Bioinformatic pipelines in Python with Leaf.

BMC Bioinformatics

2013 | journal-article

DOI: 10.1186/1471-2105-14-201EID: 2-s2.0-84879068611

Source: Scopus - Elsevier Preferred source

23. **Mariani-Costantini R**. Diagnosis: Breast cancer screening in rural African communities

Nature Reviews Clinical Oncology

2013 | journal-article

DOI: 10.1038/nrcclinonc.2013.38EID: 2-s2.0-84875728106

24. Cama A, Verginelli F, Lotti LV, Napolitano F, Morgano A, D'Orazio A, Vacca M, Perconti S, Pepe F, Romani F, Vitullo F, di Lella F, Visone R, Mannelli M, Neumann HP, Raiconi G, Paties C, Moschetta A, Tagliaferri R, Veronese A, Sanna M, **Mariani-Costantini R**. Integrative genetic, epigenetic and pathological analysis of paraganglioma reveals complex dysregulation of NOTCH signaling

Acta Neuropathologica

2013 | journal-article

DOI: 10.1007/s00401-013-1165-yEID: 2-s2.0-84885468590

25. Vacca M, Murzilli S, Salvatore L, Di Tullio G, D'Orazio A, Lo Sasso G, Graziano G, Pinzani M, Chieppa M, **Mariani-Costantini R**, Palasciano G, Moschetta A. Neuron-derived orphan receptor 1 promotes proliferation of quiescent hepatocytes

Gastroenterology

2013 | journal-article

DOI: 10.1053/j.gastro.2013.02.027EID: 2-s2.0-84878266536

26. Esposito DL, Verginelli F, Toracchio S, Mammarella S, De Lellis L, Vanni C, Russo A,

Mariani-Costantini R, Cama A. Novel insulin receptor substrate 1 and 2 variants in breast and colorectal cancer

Oncology Reports

2013 | journal-article

DOI: 10.3892/or.2013.2626EID: 2-s2.0-84882712329

27. Vacca M, Degirolamo C, Massafra V, Polimeno L, **Mariani-Costantini R**, Palasciano G, Moschetta A. Nuclear receptors in regenerating liver and hepatocellular carcinoma

Molecular and Cellular Endocrinology

2013 | journal-article

DOI: 10.1016/j.mce.2012.06.025EID: 2-s2.0-84875245371

28. Awadelkarim KD, Arizzi C, Elamin ED, Osman I, Melki SO, Biunno I, Barberis MC, **Mariani-Costantini R**. Tissue microarray (TMA) versus whole section immunohistochemistry in the assessment of ER/PR and Her-2/neu status in a breast cancer series from Sudan

Breast Journal

2013 | journal-article

DOI: 10.1111/tbj.12144EID: 2-s2.0-84879731255

29. BRCA1 And BRCA2 analysis of Argentinean breast/ovarian cancer patients selected for age and family history highlights a role for novel mutations of putative south-American origin.

SpringerPlus

2012-09 | journal-article

PMID: 23961350PMC: PMC3725882DOI: 10.1186/2193-1801-1-20

30. De Lellis L, Mammarella S, Curia MC, Veschi S, Mokini Z, Bassi C, Sapia P, Battista P, **Mariani-Costantini R**, Radice P, Cama A. Analysis of gene copy number variations using a method based on lab-on-a-chip technology

Tumori

2012 | journal-article

DOI: 10.1700/1053.11511EID: 2-s2.0-84863209823

31. Awadelkarim KD, **Mariani-Costantini R**, Elwali NE. Cancer in the Sudan. An overview of the current status of knowledge on tumor patterns and risk factors

Science of the Total Environment

2012 | journal-article

DOI: 10.1016/j.scitotenv.2010.09.010EID: 2-s2.0-84859003475

32. Elwali NE, **Mariani Costantini R**, Di Gioacchino M. Environment and immune-mediated diseases in Sub-Saharan Africa

Science of the Total Environment

2012 | journal-article

DOI: 10.1016/j.scitotenv.2010.08.044EID: 2-s2.0-84859005886

33. Awadelkarim KD, Elhaj A, Aceto G, **Mariani-Costantini R**, Eltayeb HA. Hereditary breast cancer in sub-Saharan Africa

Current Women's Health Reviews

2012 | journal-article

DOI: 10.2174/157340412799079219EID: 2-s2.0-84858322266

34. Curia MC, De Iure S, De Lellis L, Veschi S, Mammarella S, White MJ, Bartlett J, Di Iorio A, Amatetti C, Lombardo M, Di Gregorio P, Battista P, **Mariani-Costantini R**, Williams SM, Cama A. Increased variance in germline allele-specific expression of APC associates with colorectal cancer

Gastroenterology

2012 | journal-article

DOI: 10.1053/j.gastro.2011.09.048EID: 2-s2.0-83955165345

35. Mallucci L, Shi DY, Davies D, Jordan P, Nicol A, Lotti L, **Mariani-Costantini R**, Verginelli F, Wells V, Zicha D. Killing of Kras-mutant colon cancer cells via Rac-independent actin remodeling by the β GBP cytokine, a physiological PI3K inhibitor therapeutically effective in vivo

Molecular Cancer Therapeutics

2012 | journal-article

DOI: 10.1158/1535-7163.MCT-11-1041-TEID: 2-s2.0-84866109019

36. Ashktorab H, Green W, Finzi G, Sessa F, Nourai M, Lee EL, Morgano A, Moschetta A, Cattaneo M, **Mariani-Costantini R**, Brim H, Biunno I. SEL1L, an UPR response protein, a potential marker of colonic cell transformation

Digestive Diseases and Sciences

2012 | journal-article

DOI: 10.1007/s10620-011-2026-yEID: 2-s2.0-84864054515

37. Esposito DL, Aru F, Lattanzio R, Morgano A, Abbondanza M, Malekzadeh R, Bishehsari F, Valanzano R, Russo A, Piantelli M, Moschetta A, Lotti LV, **Mariani-Costantini R**. The insulin receptor substrate 1 (*irs1*) in intestinal epithelial differentiation and in colorectal cancer PLoS ONE

2012 | journal-article

DOI: 10.1371/journal.pone.0036190EID: 2-s2.0-84860491023

38. Awadelkarim KD, Arizzi C, Elamin EO, Hamad HM, De Blasio P, Mekki SO, Osman I, Biunno I, Elwali NE, Barberis MC, **Mariani-Costantini R**. Basal-like phenotype in a breast carcinoma case series from Sudan: prevalence and clinical/pathological correlations.

Pathology research international

2011-01 | journal-article

PMID: 21274453PMC: PMC3025383DOI: 10.4061/2011/806831

39. Di Gioacchino M, Petrarca C, Lazzarin F, Di Giampaolo L, Sabbioni E, Boscolo P, **Mariani-Costantini R**, Bernardini G. Immunotoxicity of nanoparticles.

International journal of immunopathology and pharmacology

2011-01 | journal-article

PMID: 21329568

40. Reale M, Vianale G, Lotti LV, **Mariani-Costantini R**, Percconti S, Cristaudo A, Leopold K, Antonucci A, Di Giampaolo L, Iavicoli I, Di Gioacchino M, Boscolo P. Effects of palladium nanoparticles on the cytokine release from peripheral blood mononuclear cells of palladium-sensitized women

Journal of Occupational and Environmental Medicine

2011 | journal-article

DOI: 10.1097/JOM.0b013e318228115eEID: 2-s2.0-80052765046

42. Vacca M, Degrolamo C, **Mariani-Costantini R**, Palasciano G, Moschetta A. Lipid-sensing nuclear receptors in the pathophysiology and treatment of the metabolic syndrome

Wiley Interdisciplinary Reviews: Systems Biology and Medicine

2011 | journal-article

DOI: 10.1002/wsbm.137EID: 2-s2.0-79961239382

43. Cattaneo M, Lotti LV, Martino S, Alessio M, Conti A, Bachi A, **Mariani-Costantini R**, Biunno I. Secretion of novel SEL1L endogenous variants is promoted by ER stress/UPR via endosomes and shed vesicles in human cancer cells

PLoS ONE

2011 | journal-article

DOI: 10.1371/journal.pone.0017206EID: 2-s2.0-79951994951

44. Venza M, Catalano T, Visalli M, Venza I, Lentini M, Curia MC, **Mariani-Costantini R**, Teti D. Association of the DSS1 c.143GA polymorphism with skin squamous cell carcinoma

Journal of Investigative Dermatology

2010 | journal-article

DOI: 10.1038/jid.2010.21EID: 2-s2.0-77952422913

45. Aceto GM, Solano AR, Neuman MI, Veschi S, Morgano A, Malatesta S, Chacon RD, Pupareli C, Lombardi M, Battista P, Marchetti A, **Mariani-Costantini R**, Poccia EJ. High-risk human papilloma virus infection, tumor pathophenotypes, and BRCA1/2 and TP53 status in juvenile breast cancer

Breast Cancer Research and Treatment

2010 | journal-article

DOI: 10.1007/s10549-009-0596-6EID: 2-s2.0-77955557688

46. Sirugo G, Williams SM, Royal CD, Newport MJ, Hennig BJ, **Mariani-Costantini R**, Buonaguro FM, Velez Edwards DR, Ibrahim M, Soodyall H, Wonkam A, Ramasar R, Rotimi CN. Report on the 6th African Society of Human Genetics (AfSHG) meeting March 12-15, 2009, Yaoundé, Cameroon

American Journal of Tropical Medicine and Hygiene

2010 | journal-article

DOI: 10.4269/ajtmh.2010.10-0208EID: 2-s2.0-77955629257

47. Modica S, Gofflot F, Murzilli S, D'Onofrio A, Salvatore L, Pellegrini F, Nicolucci A, Tognoni G, Copetti M, Valanzano R, Veschi S, **Mariani-Costantini R**, Palasciano G, Schoonjans K, Auwerx J, Moschetta A. The Intestinal Nuclear Receptor Signature With

Epithelial Localization Patterns and Expression Modulation in Tumors

Gastroenterology

2010 | journal-article

DOI: 10.1053/j.gastro.2009.09.060EID: 2-s2.0-75449115416

48. Modica S, Morgano A, Salvatore L, Petruzzelli M, Vanier MT, Valanzano R, Esposito DL, Palasciano G, Duluc I, Freund JN, **Mariani-Costantini R**, Moschetta A. Expression and localisation of insulin receptor substrate 2 in normal intestine and colorectal tumours. Regulation by intestine-specific transcription factor CDX2

Gut

2009 | journal-article

DOI: 10.1136/gut.2008.158386EID: 2-s2.0-68849100416

49. Cattaneo M, Lotti LV, Martino S, Cardano M, Orlandi R, Mariani-Costantini R, Biunno I. Functional characterization of two secreted SEL1L isoforms capable of exporting unassembled substrate

Journal of Biological Chemistry

2009 | journal-article

DOI: 10.1074/jbc.M805408200EID: 2-s2.0-66449112759

50. Tofanelli S, Ferri G, Bulayeva K, Caciagli L, Onofri V, Taglioli L, Bulayev O, Boschi I, Alù M, Berti A, Rapone C, Beduschi G, Luiselli D, Cadenas AM, Awadelkarim KD, **Mariani-Costantini R**, Elwali NE, Verginelli F, Pilli E, Herrera RJ, Gusmão L, Paoli G, Capelli C. J1-M267 Y lineage marks climate-driven pre-historical human displacements

European Journal of Human Genetics

2009 | journal-article

DOI: 10.1038/cjhg.2009.58EID: 2-s2.0-70350352919

51. Aceto GM, De Lellis L, Catalano T, Veschi S, Radice P, Di Iorio A, **Mariani-Costantini R**, Cama A, Curia MC. Nonfluorescent denaturing HPLC-based primer-extension method for allele-specific expression: Application to analysis of mismatch repair genes

Clinical Chemistry

2009 | journal-article

DOI: 10.1373/clinchem.2009.126300EID: 2-s2.0-69549128483

52. Verginelli F, Aru F, Battista P, **Mariani-Costantini R**. Nutrigenetics in the light of human evolution

Journal of Nutrigenetics and Nutrigenomics

2009 | journal-article

DOI: 10.1159/000228251EID: 2-s2.0-69249092279

53. Verginelli F, Bishehsari F, Napolitano F, Mahdavinia M, Cama A, Malekzadeh R, Miele G, Raiconi G, Tagliaferri R, **Mariani-Costantini R**. Transitions at CpG dinucleotides, geographic clustering of TP53 mutations and food availability patterns in colorectal cancer

PLoS ONE

2009 | journal-article

DOI: 10.1371/journal.pone.0006824EID: 2-s2.0-69949115050

54. Di Gioacchino M, Petrarca C, Perrone A, Farina M, Sabbioni E, Hartung T, Martino S, Esposito DL, Lotti LV, **Mariani-Costantini R**. Autophagy as an ultrastructural marker of heavy metal toxicity in human cord blood hematopoietic stem cells
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