

CURRICULUM VITAE OF ROSA VISONE

Date and Place of Birth: 11/04/1976 Maddaloni (CE), Italy

Citizenship: Italian.

Marital Status: Married

Cod. Fisc.: VSNRSO76S44E791N

Address: Villaggio UNRRA, 47– 66023 Francavilla al Mare (CH), Italy

Phone: 333 3707702

e-mail: r.visone@unich.it; PEC: rosa.visone@pec.it

Education

- February 6th 2006 : PhD Degree in Molecular Oncology and Endocrinology
- 2001-2005: PhD Student in “Molecular Oncology and Endocrinology”, director: Prof. G. Vecchio, Dep. of Molecular and Cellular Biology and Pathology, School of Medicine, Università degli Studi di Napoli Federico II
- 07/03/2001: Degree course in Pharmaceutical Chemistry and Technology (110/110), School of Pharmacy at Università degli Studi di Napoli Federico II
- 1995: High School Degree “Maturità Classica”

Professional Experience and Academic Appointment

- Since December 2019: Associate Professor at University G.D’Annunzio Chieti-Pescara
- November 2016-November 2019: Assistant Professor at University G.D’Annunzio Chieti-Pescara
- June 2015-November 2016: Temporary Research Associate at University G.D’Annunzio Chieti-Pescara
- December 2014-May 2015: Maternal leave
- 2011-1015: Assistant Professor, University G.d’Annunzio Chieti-Pescara
- October-November 2010: Maternal leave
- 2006-2011: Post Doctoral Researcher, “The Ohio State University”, Columbus Ohio, USA
- 2004-2006: Research Fellow, “The Ohio State University”, Columbus Ohio, USA
- 2003-2004: Research Fellow, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, PA; supervisor Dr C.M. Croce.
- January-February and June-August 2003: Researcher Visiting, Kimmel Cancer Center Philadelphia, PA; USA; supervisor Dr C.M. Croce
- 2000-2001: Scholarship at the Department of Pharmaceutical Toxicological Chemistry, School of Pharmacy, Università degli Studi di Napoli Federico II

Awards and Honors

- 8/1/2014-8/1/2020: “Abilitazione Scientifica Nazionale” as Associate Professor in 05/E2 – Molecular Biology D.D. n.222/2012
- 2014-2020: “Abilitazione Scientifica Nazionale” as Associate Professor in 06/A2 – General and Clinical Pathology D.D. n.222/2012
- 2013: National Academy of Lincei - “Giovanni Di Guglielmo” foundation award
- 2013: ICLLM, Poster Award, Istanbul, Turkey; 4th Meeting,
- 2102: Marie Curie Award fellowship
- 2011: "XXIII The Marisa Bellisario Prize" Young talented researcher (<http://www.fondazionebellisario.org/new/eng/home.html>)

Scientific memberships

- Since May 2019: Member, European Hematology Association
- 2016-2018: Member, The European Association for Cancer Research
- 2013: Member, European Association for Cancer Research
- 2004-2006: Member, American Association for Cancer Research

Editorial Board Appointment

- Reviewer: Blood, Plos One, Cancer Research, Bioinformatic, Oncotarget, Oncogene, Cancers.
- Editorial board member since 2017: *International Journal of Molecular Sciences* (https://www.mdpi.com/journal/ijms/sectioneditors/Pathology_Diagnostics_Therapeutics)
- Editorial board member since 2020: *Cancer Gene Therapy* (<https://www.nature.com/cgt/editors/editorial-board>)
- Committee member: Cancer INSERM call 2020 Non-coding RNAs in oncology: from fundamental to translational
- Expert evaluator: calls 2015-2016-2017-2019, H2020-Marie Skłodowska-Curie actions (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/reference-documents#h2020-expertslists>)
- Grant Reviewer: Cancer Research, UK Training and Career Development Board
- Ph.D Thesis Opponent Reviewer: 2013, Helsinki, Doctoral candidate Kui Quian, Title thesis: Bioinformatics analysis of HPV associated host microRNA functions and identification of viral microRNA

Advising

Undergraduate Students (tutor, committee member)

- 2018-2019: **Chiara Pedriale**, Master’s Degree in Pharmacy, G.d’A University. Thesis title "*Role of miR-181b in chronic lymphatic leukemia*" (R.V. supervisor).
- 2015-2016: **Alice Ramassone**, Master’s degree in Science in Genetics and Molecular Biology in Basic and Biomedical Research, La Sapienza University, Rome. Thesis title: "*Effect of*

allele-specific regulation of the miR-15a / 16-1 locus in Chronic Lymphatic Leukemia" (R.V. external supervisor). Current position: Postdoc at the Prof. Rosa Visone laboratory

- 2015-2016: **Michela Zanfagna**, Master's Degree in Pharmacy, G. d'Annunzio Chieti University, Thesis title: "*Functional analysis of the D2S1888 polymorphic marker in the regulation of BUB1 in cancer*" (R.V. supervisor). Current position: Primary Lab Product & Testing Team Leader, Philip Morris International, Bologna
- 2013-2014: **Stefania Pacillo**, Master's Degree in Chemistry and Pharmaceutical Technologies University G. d'Annunzio Chieti. Thesis title "*Study of the interaction between neoplastic T and B lymphocytes and evaluation of miRNAs involved in the progression of Chronic Lymphatic Leukemia*" (R.V. supervisor) Current position: Lab Information Management System program Manager, Vifor Pharma, Switzerland
- 2011-2012: **Jessica Chiacca**, Bachelor's Degree in Biomedical Laboratory Health Techniques, G. d'Annunzio Chieti University. Thesis title: "*Functional characterization of the genomic region immediately upstream of the miR15a and 16-1 clusters in Chronic Lymphatic Leukemia*" (Supervisor R.V.). Current position: laboratory technician in the sector of Molecular diagnostics and special techniques in the department of Pathological Anatomy, University of Annunzio.

Graduate Students (Research advisor)

- 2019: **Silvia Valentinuzzi** Fellowship, G.d'Annunzio University, (R.V. supervisor). Current position: Ph.D student in Translatinal Medicine
- 2019: **De Fabritiis Simone** Fellowship, G.d'Annunzio University, (R.V. supervisor). Current position: Ph.D student in Translatinal Medicine
- 2014-2016: **Shimaa H. Soliman**, Fellowship, G.d'Annunzio University, (R.V. supervisor). Current position: postdoc at Prof. Ali Shilatifard's lab, Simpson Querrey Center for Epigenetics, Northwestern University Feinberg School of Medicine, Chicago, USA.
- 2012-2014: **Andrea D'Argenio**; Fellowship, G.d'Annunzio University, (R.V. supervisor). Current position: Clinical research associate, Centre Léon Bérard, Lyon, France

PhD students (Tutor)

- 2016-2019: **Alice Ramassone**, PhD. In Translational Medicine, G.d'A University. Thesis title: "*Genetic profile of chronic lymphocytic leukemia: a focus on clonal evolution and miR-15a/16-1 locus transcription*".
- 2016-2019: **Shimaa H. Soliman**, PhD. In Translational Medicine, G.d'A University. Thesis title "*Generation of models to assess the role of RNA polymerase III transcriptional regulation of miR15a/16-1 in CLL*".
- 2013-2016: **Mirco Amerigo Di Marco**, PhD. In Translational Medicine, G.d'A University. Thesis title: "*MiR-181b in Chronic Lymphocytic Leukemia B cells is regulated by cellular interaction with CD4+ T cells and increases the cytotoxic activity versus the leukemin clone*".
- 2012-2015: **Sara Pagotto**, Ph.D in Oncology and Molecular and Clinical Pathology, G.d'A University. Thesis title: "*The hsa-miR-155-5p targets kinetochore proteins and affects cellular chromosomal stability*".

Post Doctoral (advisor)

- Since March 2020: **George William Jonahunnatha Nesson**, Postdoc (R.V. supervisor) G.d'A University
- Since March 2020: **Rashid Mohammad Mamunur**, Postdoc (R.V. supervisor) G.d'A University.
- 2018: **Mirco Amerigo Di Marco**, Postdoc (R.V. supervisor) G.d'A University. Current position: Post-doc at the Prof. Chandrasekhar Kanduri laboratory “laboratory long non-coding RNA, Department of medical biochemistry and cell biology, Institute of biomedicine” Gothenborg University, Sweden
- 2011-2014 **Serena Veschi**, Postdoc (R.V. supervisor) G.d'A University. Current position: Post-doc at Prof. Cama Alessandro laboratory, G.d'A University
- 2008 – 2010 **Veronica Balatti**, post-doc, The Ohio State University, (R.V.co-supervisor). Current position: Research scientist at Prof. Croce Carlo laboratory The Ohio State University Medical Center, Columbus, Ohio

Teaching activities

- 2019-2020 General Pathology, Logopedy degree course, G.d'A University (20 hours)
- 2019-2020 General Pathology, Dentistry degree course G.d'A University (44 hours)
- 2018-2019 General Pathology, Dentistry degree course G.d'A University (40 hours)
- 2017-2018 General Pathology, Dentistry degree course G.d'A University (33 hours)
- 2016- 2017 General Pathology, Dentistry degree course G.d'A University (8 hours)
- 2014, 2015 Odontostomatological Pathology, School of Dentistry G.d'A University
- 2018, 2019, 2020 Seminar in Pathology, Medical School, G.d'A University

Oral presentations

- Invited speaker 12th World Hematologists Congress March 15-16, 2018 London, UK
- Invited speaker Fondazione Mario Negri Sud di Santa Maria Imbaro, April 6th 2011, Chieti
- Invited speaker “Genetics in CLL- The Next Step” CLL Global Research Foundation U.S./European Alliance for Therapy of CLL. January 30, 2010, M.D. Anderson, Houston, Tx.
- Oral presentation (selection from poster): *Critical role of the RB-E2F pathway in the generation of pituitary adenomas in transgenic mice overexpressing the HMGA2 gene.* 96th Annual Meeting April 16-20, 2005 Anaheim, California

Research Fundings as PI

- Start-up AIRC Abruzzo: “Role of microRNAs in the progression of Chronic Lymphocytic Leukemia” 2011-2016 €750.000/5 years
- Marie Curie Career Integration Grants (CIG) Call: FP7-PEOPLE-2011-CIG: "The impact of the tissue microenvironment on the microRNAs in chronic lymphocytic leukemia" 2012-2016 €100.000/4 years
- Individual Grant AIRC "Assessment of the allelic miR-15a/16-1 cluster transcriptional regulation for usage as therapeutic target in CLL" 2016-2018 €207.000/3 years

- Ministero della Salute GR-2016-02363070 “Role of miR-181a and miR-181b in B cell malignancies and development of rational approaches for their use as therapeutic agents” 2019-2022 €443.000/3 years

Peer Reviewed Journal Articles

1. Ramassone A, D'Argenio A, Veronese A, Basti A, Soliman SHA, Volinia S, Bassi C, Pagotto S, Ferracin M, Lupini L, Saccenti E, Balatti V, Pepe F, Rassenti LZ, Innocenti I, Autore F, Marzetti L, Mariani-Costantini R, Kipps TJ, Negrini M, Laurenti L, **Visone R**. Genetic dynamics in untreated CLL patients with either stable or progressive disease: a longitudinal study. *J Hematol Oncol*. 2019 Nov 19;12(1):114. doi: 10.1186/s13045-019-0802-x.
2. **Visone R***, Bacalini MG*, Franco SD*, Ferracin M, Colorito ML, Pagotto S, Laprovitera N, Licastro D, Marco MD, Scavo E, Bassi C, Saccenti E, Nicotra A, Grzes M, Garagnani P, Laurenzi V, Valeri N, Mariani-Costantini R, Negrini M, Stassi G, Veronese A. DNA methylation of shelf, shore and open sea CpG positions distinguish high microsatellite instability from low or stable microsatellite status colon cancer stem cells. *Epigenomics*. 2019 May 8. doi: 10.2217/epi-2018-0153.
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**. HNRNPL Restrains *miR-155* Targeting of BUB1 to Stabilize Aberrant Karyotypes of Transformed Cells in Chronic Lymphocytic Leukemia. *Cancers (Basel)*. 2019 Apr 23;11(4). pii: E575. doi: 10.3390/cancers11040575
4. Lotti LV, Vespa S, Pantalone MR, Perconti S, Esposito DL, **Visone R**, Veronese A, Paties CT, Sanna M, Verginelli F, Nauclér CS, Mariani-Costantini R. A Developmental Perspective on Paragangliar Tumorigenesis. *Cancers (Basel)*. 2019 Feb 26;11(3). pii: E273. doi: 10.3390/cancers11030273. Review
5. Mirco Di Marco, Alice Ramassone, Sara Pagotto, Eleni Anastasiadou, Angelo Veronese, and **Rosa Visone**. MicroRNAs in Autoimmunity and Hematological Malignancies. Accepted. *Int J Mol Sci*. 2018 Review.
6. Pepe F, Visone R, Veronese A. The Glucose-Regulated MiR-483-3p Influences Key Signaling Pathways in Cancer. *Cancers (Basel)*. 2018 Jun 4;10(6). pii: E181. doi:10.3390/cancers10060181. Review.
7. Alice Ramassone, Sara Pagotto, Angelo Veronese*, and **Rosa Visone*** Epigenetics and microRNA in cancer. 2018 Review in the International Journal of Molecular Science. *Int J Mol Sci*. 2018 Feb 3;19(2). pii: E459. doi: 10.3390/ijms19020459. Review.
8. Sara Pagotto*, Angelo Veronese*, Alessandra Soranno, Paola Lanuti, Mirco Di Marco, Marco Vincenzo Russo, Alice Ramassone, Marco Marchisio, Pasquale Simeone, Paolo E. Guanciali Franchi, Giandomenico Palka, Renato Mariani Costantini, Carlo M. Croce and **Rosa Visone**. Hsa-miR-155-5p drives aneuploidy at early stages of cellular transformation. *Oncotarget*. *Oncotarget*. 2018 Feb 7;9(16):13036-13047. doi: 10.18632/oncotarget.24437
9. Verginelli F, Perconti S, Vespa S, Schiavi F, Prasat 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 Neuropathol*. 2018 Jan 5. doi: 10.1007/s00401-017-1799-2
10. 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 May 8;6(5):e328. doi: 10.1038/oncsis.2017.35

11. Carotenuto P, Fassan M, Pandolfo R, Lampis A, Vicentini C, Cascione L, Paulus-Hock V, Boulter L, Guest R, Quagliata L, Hahne JC, Ridgway R, Jamieson T, Athineos D, Veronese A, **Visone R** et al., Wnt signalling modulates transcribed-ultraconserved regions in hepatobiliary cancers. *Gut*. 2017 Jul;66(7):1268-1277. doi: 10.1136/gutjnl-2016-312278.
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 Apr 22. doi: 10.18632/oncotarget.8913.
13. d'Avenia M, Citro R, De Marco M, Veronese A, Rosati A, **Visone R**, Leptidis S, Philippen L, Vitale G, Cavallo A, Silverio A, Prota C, Gravina P, De Cola A, Carletti E, Coppola G, Gallo S, Provenza G, Bossone E, Piscione F, Hahne M, De Windt LJ, Turco MC, De Laurenzi V. A novel miR-371a-5p-mediated pathway, leading to BAG3 upregulation in cardiomyocytes in response to epinephrine, is lost in Takotsubo cardiomyopathy. *Cell Death Dis*. 2015 Oct 29;6:e1948
14. 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*. 2014 Apr 15. doi: 10.1038/leu.2014.139.
15. 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 Neuropathol*. 2013 Aug 18.
16. **Visone R**, Veronese A, Balatti V, Croce CM. MiR-181b: new perspective to evaluate disease progression in chronic lymphocytic leukemia. *Oncotarget*. 2012 Feb 18
17. Acunzo M, **Visone R**, Romano G, Veronese A, Lovat F, Palmieri D, Bottoni A, Garofalo M, Gasparini P, Condorelli G, Chiariello M, Croce CM. miR-130a targets MET and induces TRAIL-sensitivity in NSCLC by downregulating miR-221 and 222. *Oncogene*. 2011 Jun 2
18. **Visone R**, Veronese A, Rassenti LZ, Balatti V, Pearl DK, Acunzo M, Volinia S, Taccioli C, Kipps TJ, Croce CM. miR-181b is a biomarker of disease progression in chronic lymphocytic leukemia. *Blood*. 2011 Sep 15;118(11):3072-9.
19. Veronese A, **Visone R**, Consiglio J, Acunzo M, Lupini L, Kim T, Ferracin M, Lovat F, Miotto E, Balatti V, D'Abundo L, Gramantieri L, Bolondi L, Pekarsky Y, Perrotti D, Negrini M, Croce CM. Mutated beta-catenin evades a microRNA-dependent regulatory loop. *Proc Natl Acad Sci U S A*. 2011 Mar 22;108(12):4840-5. Epub 2011 Mar 7.
20. Volinia S, Galasso M, Costinean S, Tagliavini L, Gamberoni G, Drusco A, Marchesini J, Mascellani N, Sana ME, Abu Jarour R, Desponts C, Teitell M, Baffa R, Aqeilan R, Iorio MV, Taccioli C, Garzon R, Di Leva G, Fabbri M, Catozzi M, Previati M, Ambs S, Palumbo T, Garofalo M, Veronese A, Bottoni A, Gasparini P, Harris CC, **Visone R**, Pekarsky Y, de la Chapelle A, Bloomston M, Dillhoff M, Rassenti LZ, Kipps TJ, Huebner K, Pichiorri F, Lenze D, Cairo S, Buendia MA, Pineau P, Dejean A, Zanesi N, Rossi S, Calin GA, Liu CG, Palatini J, Negrini M, Vecchione A, Rosenberg A, Croce CM. Reprogramming of miRNA networks in cancer and leukemia. *Genome Res*. 2010 May;20(5):589-99.
21. Veronese A, Lupini L, Consiglio J, **Visone R**, Ferracin M, Fornari F, Zanesi N, Alder H, D'Elia G, Gramantieri L, Bolondi L, Lanza G, Querzoli P, Angioni A, Croce CM, Negrini M. Oncogenic role of miR-483-3p at the IGF2/483 locus. *Cancer Res*. 2010 Apr 15;70(8):3140-9.
22. Volinia S, **Visone R**, Galasso M, Rossi E, Croce CM. Identification of microRNA activity by Targets' Reverse EXpression. *Bioinformatics*. 2009 Nov 6.
23. **Visone R**, Rassenti LZ, Veronese A, Taccioli C, Costinean S, Aguda BD, Volinia S, Ferracin M, Palatini J, Balatti V, Alder H, Negrini M, Kipps TJ, Croce CM. Karyotype-specific microRNA signature in chronic lymphocytic leukemia. *Blood*. 2009 Oct 29;114(18):3872-9.

Epub 2009 Aug 28.

24. Pallante P, **Visone R**, Croce C, Fusco A. Deregulation of microRNA expression in follicular cell-derived human thyroid carcinomas. *Endocr Relat Cancer*. 2009 Nov 26.
25. **Rosa Visone** and Carlo M. Croce. MicroRNAs and Cancer. *Am J. Pathol* 2009 Apr; 174(4):1131-8
26. Ivana De Martino, **Rosa Visone**, Monica Fedele, Fabio Petrocca, Josefina Martinez Hoyos, Floriana Forzati, Carlo M. Croce and Alfredo Fusco. Regulation of microRNA expression by HMGA1 proteins. *Oncogene* 2009 Mar1;69(5):1844-50
27. Taccioli C, Fabbri E, **Visone R**, Volinia S, Calin GA, Fong LY, Gambari R, Bottoni A, Acunzo M, Hagan J, Iorio MV, Piovani C, Romano G, Croce CM. UCbase & miRfunc: a database of ultraconserved sequences and microRNA function. *Nucleic Acids Res*. 2008 Oct 22.
28. **Rosa Visone**, Fabio Petrocca and Carlo M. Croce. MiRNAs in Gastrointestinal and Liver Disease. *Gastroenterology*. 2008 Dec;135(6):1866-9.
29. Petrocca F, **Visone R**, Onelli MR, Shah MH, Nicoloso MS, de Martino I, Iliopoulos D, Pillozzi E, Liu CG, Negrini M, Cavazzini L, Volinia S, Alder H, Ruco LP, Baldassarre G, Croce CM, Vecchione A. E2F1-regulated microRNAs impair TGFbeta-dependent cell-cycle arrest and apoptosis in gastric cancer. *Cancer Cell*. 2008 Mar;13(3):272-86.
30. **Visone R**, Iuliano R, Palmieri D, Server IN, Chiappetta G, De Martino I, Fedele M, Costinean S, Oberszyn TM, Kusewitt DF, Croce CM, Fusco A. Hmga1 null mice are less susceptible to chemically induced skin carcinogenesis. *Eur J Cancer*. 2008 Jan;44(2):318-25.
31. De Martino I, **Visone R**, Palmieri D, Cappabianca P, Chieffi P, Forzati F, Barbieri A, Kruhoffer M, Lombardi G, Fusco A, Fedele M. The Mia/Cd-rap gene expression is downregulated by the high-mobility group A proteins in mouse pituitary adenomas. *Endocr Relat Cancer*. 2007 Sep;14(3):875-86
32. **Rosa Visone**, Lucia Russo, Pierlorenzo Pallante, Ivana De Martino, Angelo Ferraro, Vincenza Leone, Eleonora Borbone, Fabio Petrocca, Hansjuerg Alder, Carlo Maria Croce and Alfredo Fusco. MicroRNAs (miR)-221 and miR-222, both overexpressed in human thyroid papillary carcinomas, regulate p27Kip1 protein levels and cell cycle. *Endocr Relat Cancer*. 2007 Sep;14(3):791-8.
33. Iorio MV, **Visone R**, Di Leva G, Donati V, Petrocca F, Casalini P, Taccioli C, Volinia S, Liu CG, Alder H, Calin GA, Menard S, Croce CM. MicroRNA Signatures in Human Ovarian Cancer. *Cancer Res*. 2007 Sep 15;67(18):8699-8707.
34. **Visone R***, Pallante P*, Vecchione A, Cirombella R, Ferracin M, Ferraro A, Volinia S, Coluzzi S, Leone V, Borbone E, Liu CG, Petrocca F, Troncone G, Calin GA, Scarpa A, Colato C, Tallini G, Santoro M, Croce CM, Fusco A. Specific microRNAs are downregulated in human thyroid anaplastic carcinomas. *Oncogene*. 2007 Jun 11;
35. Fedele M, De Martino I, Pivonello R, Ciarmiello A, Del Basso De Caro ML, **Visone R**, Palmieri D, Pierantoni GM, Arra C, Schmid HA, Hofland L, Lombardi G, Colao A, Fusco A. SOM230, a new somatostatin analogue, is highly effective in the therapy of growth hormone/prolactin-secreting pituitary adenomas. *Clin Cancer Res*. 2007 May 1;13(9):2738-44.
36. De Martino I, Fedele M, Palmieri D, Visone R, Cappabianca P, Wierinckx A, Trouillas J, Fusco A. B-Raf mutations are a rare event in pituitary adenomas. *J Endocrinol Invest*. 2007 Jan;30(1):RC1-3.
37. Fedele M, Pierantoni GM, **Visone R**, Fusco A. Critical role of the HMGA2 gene in pituitary adenomas. *Cell Cycle*. 2006 Sep;5(18):2045-8. Epub 2006 Sep 15.
38. Fedele M, Pierantoni GM, **Visone R**, Fusco A. E2F1 activation is responsible for pituitary adenomas induced by HMGA2 gene overexpression. *Cell Div*. 2006 Aug 17;1:17.
39. Fedele M*, **Visone R***, De Martino I, Troncone G, Palmieri D, Battista S, Ciarmiello A, Pallante P, Arra C, Melillo RM, Helin K, Croce CM, Fusco A. HMGA2 induces pituitary tumorigenesis by enhancing E2F1 activity. *Cancer Cell*. 2006 Jun;9(6):459-71.
40. Pallante P*, **Visone R***, Ferracin M, Ferraro A, Berlingieri MT, Troncone G, Chiappetta G, Liu CG, Santoro M, Negrini M, Croce CM, Fusco A. MicroRNA deregulation in human

- thyroid papillary carcinomas. *Endocr Relat Cancer*. 2006 Jun;13(2):497-508.
41. Volinia S, Calin GA, Liu CG, Ambs S, Cimmino A, Petrocca F, **Visone R**, Iorio M, Roldo C, Ferracin M, Prueitt RL, Yanaihara N, Lanza G, Scarpa A, Vecchione A, Negrini M, Harris CC, Croce CM. A microRNA expression signature of human solid tumors defines cancer gene targets. *Proc Natl Acad Sci U S A*. 2006 Feb 14;103(7):2257-61. Epub 2006 Feb 3.
 42. Calin GA, Ferracin M, Cimmino A, Di Leva G, Shimizu M, Wojcik SE, Iorio MV, **Visone R**, Sever NI, Fabbri M, Iuliano R, Palumbo T, Pichiorri F, Roldo C, Garzon R, Sevignani C, Rassenti L, Alder H, Volinia S, Liu CG, Kipps TJ, Negrini M, Croce CM. A MicroRNA signature associated with prognosis and progression in chronic lymphocytic leukemia. *N Engl J Med*. 2005 Oct 27;353(17):1793-801.
 43. Fedele M, Pentimalli F, Baldassarre G, Battista S, Klein-Szanto AJ, Kenyon L, **Visone R**, De Martino I, Ciarmiello A, Arra C, Viglietto G, Croce CM, Fusco A. Transgenic mice overexpressing the wild-type form of the HMGA1 gene develop mixed growth hormone/prolactin cell pituitary adenomas and natural killer cell lymphomas. *Oncogene*. 2005 May 12;24(21):3427-35.
 44. Battista S, Fedele M, Martinez Hoyos J, Pentimalli F, Pierantoni GM, **Visone R**, De Martino I, Croce CM, Fusco A. High-mobility-group A1 (HMGA1) proteins down-regulate the expression of the recombination activating gene 2 (RAG2). *Biochem J*. 2005 Jul 1;389(Pt 1):91-7.
 45. Pierantoni GM, Battista S, Pentimalli F, Fedele M, **Visone R**, Federico A, Santoro M, Viglietto G, Fusco A. A truncated HMGA1 gene induces proliferation of the 3T3-L1 pre-adipocytic cells: a model of human lipomas. *Carcinogenesis*. 2003 Dec;24(12):1861-9. Epub 2003 Sep 11.
 46. Fedele M, Battista S, Kenyon L, Baldassarre G, Fidanza V, Klein-Szanto AJ, Parlow AF, **Visone R**, Pierantoni GM, Outwater E, Santoro M, Croce CM, Fusco A.
 47. Overexpression of the HMGA2 gene in transgenic mice leads to the onset of pituitary adenomas. *Oncogene*. 2002 May 9;21(20):3190-8.

Books

- **Rosa Visone** and Carlo M. Croce. MicroRNA. *Wiley Encyclopedia of Chemical Biology*.

Note: * equal contribution

Poster presentation

1. Alice Ramassone^{1,2}, Angelo Veronese^{1,2}, Alessio Basti^{3,4}, Andrea D'Argenio^{1,2}, Stefano Volinia⁵, Idanna Innocenti⁸, Laura Rassenti^{6,7,9}, Thomas J. Kipps^{6,7,9}, Luca Laurenti⁸ and Rosa Visone^{1,2} Analysis of the dynamics of copy number variation in Chronic Lymphocytic Leukemia: a longitudinal study. 9-11 October 2018 Jerusalem, Israel. **EACR-AACR-ISCR Conference: The Cutting Edge of Contemporary Cancer Research**
2. Sara Pagotto, Elisa Porcellini, Maria G. Bacalini, Diletta Sarti, Ingrid Garajova, Elisabetta Broseghini, Noemi Laprovitera, Francesco Vasuri, Paolo Garagnani, Renato Mariani-Costantini, Michele Basso, **Rosa Visone**, Luigi M. Larocca, Manuela Ferracin, Angelo Veronese. Epigenetic biomarkers of prognosis in stage IIA colon cancer. AACR annual meeting, April 14-18, 2018 Chicago, Illinois. **AACR-SIC Scholar-in-Training Award**
3. Manuela Ferracin, Maria Luisa Colorito, Antonina Benfante, Maria Giulia Bacalini, Felice Pepe, Sara Pagotto, Danilo Licastro, Paolo Garagnani, Renato Mariani-Costantini, Giorgio Stassi, **Rosa Visone** and Angelo Veronese. A genome-wide DNA methylation study in colorectal cancer stem cells. **SIC-5-8 September 2016, Verona, Italy**.
4. Mirco Di Marco, Serena Veschi, Paola Lanuti, Sara Pagotto, Felice Pepe, Stefania Pacillo, Claudia Curcio, Marco Marchisio, Sebastiano Miscia, Idanna Innocenti, Giuseppe Leone³,

- Francesco Autore³, Barbara Vannata³, Mario Di Gioacchino, Renato Mariani-Costantini^{1,2}, Luca Laurenti³, Angelo Veronese^{1,2}, **Rosa Visone**. *MiR-181b in Chronic Lymphocytic Leukemia B Cells is Regulated by Cellular Interaction with CD4+ T Cells and Increases the CTL Toxicity Versus the Leukemic Clone*. 57th Annual Meeting of the American Society Hematology, December 5-8, 2015, Orlando, USA.
5. I.H. Cheong, A. Lampis, M. Fassan, V. Paulus-Hock, C. Vicentini, J. Hahne, L. Cascione, L. Quagliata, T. Jamieson, D. Athineos, A. Veronese, **R. Visone**, C. Murgia, G. Ferrari, T.R. Evans, G.J. Feng, T. Dale, Luke Voulter, R. Guest, S. Forbes, M. Negrini, L. Terracciano, A. Scarpa, T. Patel, P. Workman, O. Sansom, N. Valeri, C. Braconi *The long non coding RNA UC.158 modulates growth of Wnt/ β -catenin driven hepatocellular carcinoma (HCC)*. 50th Annual Meeting of the European Association for the study of the liver, Vienna, Austria, April 22-25, 2015.
 6. Andrea D'Argenio, Veronese Angelo, Cristian Bassi, Manuela Ferracin, Laura Lupini, Felice Pepe, Laura Z. Rassenti, Veronica Balatti, Francesco Autore, Renato Mariani-Costantini, Thomas J.Kipps, Luca Laurenti, Carlo M. Croce, Massimo Negrini, **Rosa Visone**. *Clonal evolution in Chronic Lymphocytic Leukemia: longitudinal data analysis of untreated patients*. 56th Annual Meeting of the Italian Cancer Society. Ferrara 11-13 September.
 7. Sara PAGOTTO, Serena Veschi, Alessandra Soranno, Paola Lanuti, Simone Guarnieri, Marilena Iorio, Nicola Valeri, Marco Marchisio, Sebastiano Miscia, Paolo Emilio Guanciali Franchi, Giandomenico Palka, Renato Mariani Costantini, Carlo M. Croce, Angelo Veronese, **Rosa Visone**. *miR-155 regulates BUB1, CENP-F and ZW10 affecting cellular chromosomal stability*. FEBS Workshop: Decoding non-coding RNAs in development and cancer. Capri, October 12-15, 2014
 8. Felice Pepe, Sara Pagotto, Chiara Braconi, Laura Lupini, Massimo Negrini, Renato Mariani-Costantini, **Rosa Visone**, Veronese Angelo. *Regulation of miR 483-3p by cellular glucose uptake and drug resistance in hepatoma cancer cells*. FEBS Workshop: Decoding non-coding RNAs in development and cancer. Capri, October 12-15, 2014
 9. Angelo Veronese, Felice Pepe, Jessica Chiacchia, Sara Pagotto, Serena Veschi, Mirco Di Marco, Andrea D'Argenio, Marco Vincenzo Russo, Idana Innocenti, Barbara Vannata, Francesco Autore, Wernicke-Jameson Dorothee, Fabio Verginelli, Giuseppe Leone, Laura Z. Rassenti, Thomas J. Kipps, Renato Mariani-Costantini, Luca Laurenti, Carlo M. Croce, **Rosa Visone**. *Allele-specific loss and regulation of the miR-15a/16-1 cluster correlates with ZAP70 expression in CLL patients with 13q deletion*. 55th Annual Meeting of the American Society Hematology, 2013, New Orleans, LA, USA.
 10. Angelo Veronese, Serena Veschi, Luca Laurenti, Sara Pagotto, Paola Lanuti, Felice Pepe, Marco Marchisio, Mario Di Gioacchino, Giuseppe Leone, Renato Mariani-Costantini, **Rosa Visone**. *Restoration of the miR-181a/b and the miR-130a expression in B CLL cells by activated CD4+ T cells*. 4th International Congress on Leukemia Lymphoma and Myeloma., 2013, Istanbul, Turkey.
 11. Veronese A, Consiglio J, **Visone R**, Ferracin M, Zanasi N, Lanza G, Querzoli P, Angioni A, Croce CM, Negrini M (2010). *miR-483-3p is an oncogene involved in nephroblastoma and in adult tumors with activated β -catenin*. In: AACR 101st Annual Meeting 2010 April 17-21, 2010 Washington, DC.
 12. **Rosa Visone**, Angelo Veronese, Laura Z. Rassenti, Veronica Balatti, Stefano Volinia, Cristian Taccioli, Thomas J. Kipps, Carlo M. Croce *MiR-181b expression levels decrease during the progression of Chronic Lymphocytic Leukemia: a new potential prognostic tool*. AACR 101st Annual Meeting, April 17-21 2010, Washington, D.C
 13. **Visone R**, Pallante P, Vecchione A, Petrocca F, Troncone G, Calin GA, Scarpa A, Colato C, Tallini G, Santoro M, Croce CM, Fusco A. *Specific microRNAs are downregulated in human thyroid anaplastic carcinomas*. Keystone Symposia January 28- February 2, 2007 Keystone Resort · Keystone, Colorado
 14. **Rosa Visone**, Monica Fedele, Ivana De Martino, Claudio Arra, Carlo M. Croce, and Alfredo Fusco *Critical role of the RB-E2F pathway in the generation of pituitary adenomas in*

transgenic mice overexpressing the HMGA2 gene. Oral presentation 96th Annual Meeting April 16-20, 2005 Anaheim, California

15. Monica Fedele, **Rosa Visone**, Ivana De Martino¹, Andrea Affuso, Claudio Arra, Lorenzo Chiariotti, Carlo M. Croce and Alfredo Fusco. *Targeted disruption of the murine PATZ gene induces growth retardation*. AACR 94th Annual Meeting, July 11-14 2003, Washington, D.C.
16. Monica Fedele¹, **Rosa Visone**, Ivana De Martino, Andrea Affuso, Claudio Arra², Lorenzo Chiariotti, Carlo M. Croce and Alfredo Fusco. *Targeted disruption of the murine PATZ gene induces growth retardation*. V Meeting of Molecular Oncology, May 12th-15th 2003, Positano, Naples.
17. M. Fedele, **Visone R**, Pierantoni G.M., Arra C, De Martino I., Croce C.M. and A. Fusco. *Overexpression of the HMGA2 gene induces mixed growth hormone cell/prolactin cell pituitary adenomas by impairment of the Rb/E2F pathway*. Roma ISO 20031^o Convegno Nazionale dell'Istituto Superiore di Oncologia, Consiglio Nazionale delle Ricerche, Roma 6-7 Febbraio 2003.
18. M. Fedele, **R. Visone**, G. M. Pierantoni, C. Arra, A. Affuso, A. Luciano, C. M. Croce and A. Fusco. *Overexpression of the HMGA2 gene induces mixed growth hormone cell/prolactin cell pituitary adenomas by impairment of the RB/E2F pathway*. Third International Workshop, "HMGA proteins in cell differentiation and transformation". 23-24 maggio 2002, Napoli, Italia.

Chieti, 8/06/2020

Signature
Rosa Visone

