

# CURRICULUM VITAE

## PERSONAL INFORMATION

Name **MARINA, DE ROSA.**  
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Nationality Italian  
Date and place of birth

## WORK EXPERIENCE

2018- UNTIL NOW Professor of "Biochemistry", Department of Molecular medicine and medical biotechnology - University of Naples Federico II.  
NOVEMBER 2008- 2018: Researcher at the University of Naples Federico II, Department of Molecular medicine and medical biotechnology, SSD: BIO-10.  
2003- 2008: technologist, Category D, at the University of Naples Federico II, , Department of Molecular medicine and medical biotechnology.  
2000- 2003: four-year research grants, developed at the Department of Biochemistry and Medical Biotechnology, University of Naples Federico II.  
1999: research grant at CEINGE and Dip. of Biochemistry e Medical Biotechnology, University of Naples Federico II.  
1998-1999: research grant at Dip. of Biochemistry e Medical Biotechnology, University of Naples Federico II

## TEACHING

2018- UNTIL NOW: Teaching of CELL METABOLISM course (5 credits), Degree course in Health Biotechnology, with the title of Associate Professor.  
2008- 2008 Teaching of CELL METABOLISM course (5 credits), Degree course in Health Biotechnology, with the title of Aggregate Professor  
2003-2007: Participation in educational activities at:  
Course of Biochemistry, Faculty of Biotechnological Sciences - University of Naples Federico II.  
  
Teaching at Animal Biology and human Biology course, University of Naples "Suor Orsola Benincasa".

## EDUCATION AND TRAINING

- 1991: degree in Biological Sciences at the Faculty of Sciences of University of Naples "Federico II" with full marks.
- 1992-1993: two-years practical training at the Department of Biochemistry and Medical Biotechnology, Faculty of Medicine, University Federico II of Naples.
- 1993-1997: Ph.D. in Biotechnology, developed at the Department of Biochemistry and Medical Biotechnology, Faculty of Medicine and Surgery, University of Naples "Federico II".
- 1998: She received the title of PhD in Biotechnology at the University of Rome "La Sapienza"
- 1992/1997-2000: Postgraduate school in Biochemistry and Clinical Chemistry. In 2000 she received the title of specialist at the University of Naples Federico II.

### publications on international journals

1. Duraturo F, Liccardo R, De Rosa M, Izzo P. Genetics, diagnosis and treatment of Lynch syndrome: Old lessons and current challenges. *Oncol Lett.* 2019 Mar;17(3):3048-3054
2. Turano M, Costabile V, Cerasuolo A, Duraturo F, Liccardo R, Delrio P, Pace U, Rega D, Dodaro CA, Milone M, Izzo P, De Rosa M. Characterisation of mesenchymal colon tumour-derived cells in tumourspheres as a model for colorectal cancer progression. *Int J Oncol.* 2018 Dec;53(6):2379-2396.
3. Liccardo R, De Rosa M, Izzo P, Duraturo F. Novel MSH2 splice-site mutation in a young patient with Lynch syndrome. *Mol Med Rep.* 2018 May;17(5):6942-6946.
4. Liccardo R, De Rosa M, Rossi GB, Rigler G, Izzo P, Duraturo F. Characterization of novel, large duplications in the MSH2 gene of three unrelated Lynch syndrome patients. *Cancer Genet.* 2018 Feb;221:19-24.
5. Duraturo F, Liccardo R, De Rosa M, Izzo P. "Novel implications in Lynch syndrome (Review)". *Gastroenterology Research and Practice.* 2017;2017:Article number 2595098
6. Francesca Duraturo, Raffaella Liccardo, Marina De Rosa, Giovanni Battista Rossi, Paola Izzo. Incomplete segregation of MSH6 mutations with phenotype of Lynch syndrome. *Int J Molecular Science,* 2017;18(5):Article number 999
7. Dodaro C, Grifasi C, Florio J, Santangelo ML, Duraturo F, De Rosa M, Izzo P, Renda A. The role of mutation analysis of the APC gene in the management of FAP patients. A controversial issue. *Ann Ital Chir.* 2016;87:321-325.
8. Marina De Rosa, Daniela Rega, Valeria Costabile, Francesca Duraturo, Antonello Niglio, Paola Izzo, Ugo Pace, and Paolo Delrio. The biological complexity of colorectal cancer: insights into biomarkers for early detection and personalized care. *Therapeutic Advances in Gastroenterology.* 2016; 9(6):861-886.
9. Carlomagno N, Duraturo F, Candida M, De Rosa M, Varone V, Ciancia G, Calogero A, Santangelo ML. Multiple splenic hamartomas and familial adenomatous polyposis: a case report and review of the literature. *J Med Case Rep.* 2015;9:154.
10. De Rosa M, Pace U, Rega D, Costabile V, Duraturo F, Izzo P, Delrio P. Genetics, diagnosis and management of colorectal cancer (Review). *Oncol Rep.* 2015;34(3):1087-96.
11. Duraturo F, Liccardo R, Cavallo A, De Rosa M, Rossi GB, Izzo P. Multivariate analysis as a method for evaluating the pathogenicity of novel genetic MLH1 variants in patients with colorectal cancer and microsatellite instability. *Int J Mol Med.* 2015;36(2):511-7.
12. Borun P, De Rosa M, Nedoszytko B, Walkowiak J, Plawski A. Specific Alu elements involved

in a significant percentage of copy number variations of the STK11 gene in patients with Peutz-Jeghers syndrome. *Fam Cancer*. 2015;14(3):455-61.

13. Costabile V, Duraturo F, Delrio P, Rega D, Pace U, Liccardo R, Rossi GB, Genesio R, Nitsch L, Izzo P, De Rosa M. Lithium chloride induces mesenchymal-to-epithelial reverting transition in primary colon cancer cell cultures. *Int J Oncol*. 2015;46(5):1913-23.

14. Li L, Hamel N, Baker K, McGuffin MJ, Couillard M, Gologan A, Marcus VA, Chodirker B, Chudley A, Stefanovici C, Durandy A, Hegele RA, Feng BJ, Goldgar DE, Zhu J, De Rosa M, Gruber SB, Wimmer K, Young B, Chong G, Tischkowitz MD, Foulkes WD. A homozygous PMS2 founder mutation with an attenuated constitutional mismatch repair deficiency phenotype. *J Med Genet*. 2015;52(5):348-52.

15. Strisciuglio C, Auricchio R, Martinelli M, Staiano A, Giugliano FP, Andreozzi M, De Rosa M, Giannetti E, Gianfrani C, Izzo P, Troncone R, Miele E. Autophagy genes variants and paediatric Crohn's disease phenotype: a single-centre experience. *Dig Liver Dis*. 2014;46(6):512-7.

16. Martina Galatola, Erasmo Miele, Caterina Strisciuglio, Lorella Paparo, Daniela Rega, Paolo Delrio, Francesca Duraturo, Massimo Martinelli, Giovanni Battista Rossi, Annamaria Staiano, Paola Izzo\*, Marina De Rosa\*. Synergistic effect of interleukin-10-receptor variants in a case of early-onset Ulcerative Colitis. *World Journal of Gastroenterology* 2013;19(46):8659-70. Cod. scopus: 2-s2.0-84890324714

17. Lorella Paparo, Giovanni Battista Rossi, Paolo Delrio, Daniela Rega, Francesca Duraturo, Raffaella Liccardo, Mario Debellis, Paola Izzo\*, Marina De Rosa\*. Differential expression of PTEN gene correlates with phenotypic heterogeneity in three cases of patients showing clinical manifestations of hamartoma tumor syndrome. *Hereditary Cancer in Clinical Practice*. 2013;11(1):8.

18. Marina De Rosa, Francesca Duraturo, Raffaella Liccardo and Paola Izzo. Hereditary gastrointestinal polyposis: diagnosis, genetic test and risk assessment. *Open Journal of Genetics*. 2013, 3, 50-58.

19. Duraturo F, Cavallo A, Liccardo R, Cudia B, De Rosa M, Diana G, Izzo P. Contribution of large genomic rearrangements in Italian Lynch syndrome patients: characterization of a novel alu-mediated deletion. *Biomed Res Int*. 2013;2013:219897. Epub 2012 Dec 30.

20. Galatola M, Paparo L, Duraturo F, Turano M, Rossi GB, Izzo P\*, De Rosa M\*. Beta catenin and cytokine pathway dysregulation in patients with manifestations of the "PTEN hamartoma tumor syndrome" *BMC Medical Genetics*. 2012;13:28.

21. Duraturo F, Liccardo R, Cavallo A, De Rosa M, Grosso M, Izzo P. Association of low-risk MSH3 and MSH2 variant alleles with Lynch syndrome: probability of synergistic effects. *Int J Cancer*. 2011;129(7):1643-50.

22. C Strisciuglio, M De Rosa, L Quaglietta, C Friano, M Galatola, E Miele, A Staiano, P. Izzo. Interleukin-10 receptor down-expression in early-onset inflammatory bowel disease: a case report *Digestive and Liver Disease* 2011; 43, S418-S419 ISSN: 1590-8658

23. M De Rosa, L Quaglietta, C Friano, M Galatola, E Miele, A Staiano, P Izzo Interleukin-10 Receptor Down-Expression in Early-Onset Inflammatory Bowel Disease: A Case-Report. *Gastroenterology* 2011; 140 (5), S-513

24. F Duraturo, R Liccardo, A Cavallo, M De Rosa, P Izzo Association of 'minor' mismatch repair gene unclassified variants with hereditary non-polyposis colorectal cancer: probability of synergistic effects *Cancer Genetics and Cytogenetics* 2010; 203 (1), 49-49 ISSN: 0165-4608

25. De Rosa M, Galatola M, Quaglietta L, Miele E, De Palma G, Rossi GB, Staiano A, Izzo P. Alu-mediated genomic deletion of the serine/threonine protein kinase 11 (STK11) gene in Peutz-Jeghers syndrome. *Gastroenterology*. 2010;138(7):2558-60.

26. Censi F, Falbo V, Florida G, Salvatore M, Tosto F, De Rosa M, Resta N, Izzo P, Guanti G,

Taruscio D. The Italian external quality control program for familial adenomatous polyposis of the colon: five years of experience. *Genet Test Mol Bioma*. 2010;14(2):175-81. ISSN: 1945-0265

27. De Rosa M, Galatola M, Borriello S, Duraturo F, Masone S, Izzo P. Implication of adenomatous polyposis coli and MUTYH mutations in familial colorectal polyposis. *Dis Colon Rectum*. 2009;52(2):268-74.

28. F. Duraturo, R. Liccardo, A. Cavallo, M. De Rosa, P. Izzo. "Minor" mismatch repair genes involvement in genetic predisposition to Lynch syndrome. *Familial Cancer* (2010) 9:713-748

29. Turano M, Angrisani A, De Rosa M, Izzo P, Furia M. Real-time PCR quantification of human DKC1 expression in colorectal cancer. *Acta Oncol*. 2008;47(8):1598-9.

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33. De Rosa M, Dourisboure RJ, Morelli G, Graziano A, Gutiérrez A, Thibodeau S, Halling K, Avila KC, Duraturo F, Podesta EJ, Izzo P, Solano AR. First genotype characterization of Argentinean FAP patients: identification of 14 novel APC mutations. *Hum Mutat*. 2004;23(5):523-4. 9.

34. De Rosa M, Scarano MI, Panariello L, Morelli G, Riegler G, Rossi GB, Tempesta A, Romano G, Renda A, Pettinato G, Izzo P. The mutation spectrum of the APC gene in FAP patients from southern Italy: detection of known and four novel mutations. *Hum Mutat*. 2003;21(6):655-6.

35. Ponz de Leon M, Varesco L, Benatti P, Sassatelli R, Izzo P, Scarano MI, Rossi GB, Di Gregorio C, Gismondi V, Percesepe A, de Rosa M, Roncucci L. Phenotype-genotype correlations in an extended family with adenomatosis coli and an unusual APC gene mutation. *Dis Colon Rectum*. 2001;44(11):1597-604.

36. Carlomagno N, Scarano MI, Gargiulo S, De Rosa M, Panariello L, Izzo P, Renda A. Familial colonic polyposis: effect of molecular analysis on the diagnostic-therapeutic approach. *Ann Ital Chir*. 2001;72(2):207-14. Review. Italian.

37. De Rosa M, Fasano C, Panariello L, Scarano MI, Belli G, Iannelli A, Ciciliano F, Izzo P. Evidence for a recessive inheritance of Turcot's syndrome caused by compound heterozygous mutations within the PMS2 gene. *Oncogene*. 2000;19(13):1719-23.

38. De Rosa M, Scarano MI, Panariello L, Carlomagno N, Rossi GB, Tempesta A, Borgheresi P, Renda A, Izzo P. Three submicroscopic deletions at the APC locus and their rapid detection by quantitative-PCR analysis. *Eur J Hum Genet*. 1999;7(6):695-703.

39. Scarano MI, De Rosa M, Panariello L, Carlomagno N, Riegler G, Rossi GB, Bucci L, Pesce G, Toni F, Renda A, Izzo P. Familial adenomatous polyposis coli: five novel mutations in exon 15 of the adenomatous polyposis coli (APC) gene in Italian patients. *Mutations in brief no. 225*. Online. *Hum Mutat*. 1999;13(3):256-7.

40. MI Scarano, M De Rosa, L Panariello, P Izzo. Molecular Genetic Analysis of the Adenomatous Polyposis Coli (APC) Gene in Familial Polyposis Colorectal Cancer *Italian Journal of Biochemistry* 1999; 48, 199-199.

41. Panariello L, Scarano MI, de Rosa M, Capasso L, Renda A, Riegler G, Rossi GB, Salvatore

F, Izzo P. hMLH1 mutations in hereditary nonpolyposis colorectal cancer kindreds. Mutations in brief no. 182. Online. Hum Mutat. 1998;12(3):216-7.

42. De Rosa M, Scarano MI, Panariello L, Salvatore F, Izzo P. A novel Mbo II polymorphism in exon 15 of the human adenomatous polyposis coli gene. Clin Genet. 1998;53(4):315-6.

43. Scarano MI, De Rosa M, Gentile M, Bucci L, Ferulano GP, Carlomagno N, Renda A, Guanti G, Salvatore F, Izzo P. Three novel germline mutations in the adenomatous polyposis coli gene. Hum Mutat. 1997;9(2):191-3.

44. I Panariello, MI Scarano, M De Rosa, G Riegler, A Savastano, GB Rossi, A Savastano, G.B. Rossi, A. Renda, N. Carlomagno, L. Capasso, F. Salvatore, P. Izzo. Detection of new mutations in hMLH1 gene in five out of ten Italian hereditary non polyposis colorectal cancer families. Gastroenterology - 1997; 112, 635-635

45. MI Scarano, M De Rosa, L Panariello, A Nappo, F Salvatore, P Izzo. Molecular Analysis of Genes Responsible for Familial Adenomatous Polyposis and Hereditary Non Polyposis Colorectal Cancer. Italian Journal of Biochemistry 1997; 46, 37-38

46. M De Rosa, MI Scarano, A Nappo, L Panariello, N Carlomagno, A Renda, GB Rossi, F. Salvatore, P. Izzo. Molecular analysis of APC mutations in familial adenomatous polyposis. European Journal of Cancer 1996; 32, S27

47. A Lupo, P Costanzo, M De Rosa, L Medugno, F. Salvatore, P Izzo. Regulation of aldolase A L-type mRNA expression in rodent cell lines during differentiation Italian Journal of Biochemistry 1994; 43, 122-122

48. Lupo A, Costanzo P, De Rosa M, Russo T, Salvatore F, Izzo P. Growth-arrested dependence of aldolase A L-type mRNA expression in rodent cell lines. Exp Cell Res. 1994;213(2):359-64.

## **Monografia**

Synergistic Effects of Low-Risk Variant Alleles in Cancer Predisposition

Francesca Duraturo, Raffaella Liccardo, Angela Cavallo, Marina De Rosa and Paola Izzo  
01/2013: pages 24; ISBN: 978-953-51-0945-7

## **Conference proceedings**

1. M.I. Scarano, M. De Rosa, R. Santamaria, L. Bucci, M. Gentile, G.P. Ferulano, A. Renda, N. Carlomagno, F. Salvatore, P. Izzo

"Diagnosi Molecolare della Poliposi Adenomatosa Familiare".

SIBioC '94, Montecatini 3-5 ottobre 1994. Biochimica Clinica, 1994, vol. 18, n° 9 122A.

2. Scarano M.I., De Rosa M., Gentile M., Bucci L., Ferulano G.P., Carlomagno N., Renda A., Salvatore F., Izzo P.

"Individuazione di tre nuove mutazioni nel gene della poliposi Adenomatosa Familiare (APC) in famiglie campane".

Analisi del DNA 1995, Firenze 24 ottobre 1995, abs. p. 52.

3. M.I. Scarano, M. De Rosa, M. Gentile, L. Bucci, M. Gentile, G. Ferulano, N. Carlomagno, A. Renda, G. Guanti, F. Salvatore, P. Izzo.

"Identification of three novel germline mutations in the Adenomatous Polyposis Coli (APC) gene"  
Il Congresso Italiano di Oncologia Molecolare, Positano 10-13 maggio 1995, abs. p.108.

4. Scarano M.I., De Rosa M., Gentile M., Bucci L., Ferulano G.P., Carlomagno N., Renda A., Guanti G., Salvatore F., Izzo P.

- "Three novel germ-line mutations in the APC gene in FAP families from Campania".  
Fifth Congress of the European Council for Coloproctology (ECCP), Barcellona, 14-17 giugno 1995, abs. p. 61.
5. Scarano M.I., De Rosa M., Carlomagno N., Gentile M., Bucci L., Ferulano G.P., Renda A., Guanti G., Salvatore F., Izzo P.  
"Identificazione di tre nuove mutazioni nel gene APC responsabili della poliposi familiare del colon".  
Sesto Simposio su Biotecnologie Biochimiche, Capri, 3-5 luglio 1995, abs. p.56.
6. Scarano M.I., De Rosa M., Bucci L., Gentile M., Ferulano G.P., Carlomagno N., Renda A., Guanti G., Salvatore F., Izzo P.  
"Un nuovo polimorfismo intragenico localizzato nel gene APC".  
X congresso Nazionale FISME, Spoleto, 20-23 settembre 1995, abs. p. 145.
7. M.I. Scarano, M. De Rosa, N. Carlomagno, A. Renda, G.B. Rossi, G. Guanti, F. Salvatore, P. Izzo. "Two novel mutations of the APC gene in Familial Adenomatous Polyposis (FAP)". Clinbio 95, Capri, Italy, September 24-26, 1995.
8. M. De Rosa, M.I. Scarano, A. Nappo, L. Panariello, N. Carlomagno, A. Renda, G.B. Rossi, F. Salvatore, P. Izzo.  
"Molecular analysis of APC mutations in familial adenomatous polyposis", Second Educational Convention of the European School of Oncology.  
Vienna, Austria Center, 27-29 June 1996. Pubblicato su "The European Journal of cancer". vol. 32A-supplemento 1, 1996 S27
9. Scarano M.I., De Rosa M., Gentile M., Bucci L., Ferulano G.P., Carlomagno N., Renda A., Guanti G., Salvatore F., Izzo P.  
"Mutational analysis of the APC gene in familial adenomatous polyposis"  
XVIIth biennial congress, International Society of University Colon and Rectal Surgeons, Lisboa (Portugal), April 14-18, 1996.
10. M. Grosso, G. Esposito, M.I. Scarano, M. De Rosa, R. Santamaria, A. Renda, G. Ferulano, L. Bucci, G.B. Rossi, P. Izzo.  
"Identificazione di alterazioni genetiche ai fini della diagnosi, anche prenatale, di malattie ereditarie".  
Giornata Scientifica della Facoltà di Medicina e Chirurgia e della Facoltà di Farmacia, Napoli, 9-11 maggio 1996.
11. M.I. Scarano, M. De Rosa, L. Panariello, A. Nappo, F. Salvatore, P. Izzo.  
"Le basi molecolari dei tumori ereditari del colon (familial adenomatous polyposis e Hereditary non polyposis colorectal cancer): analisi dei geni coinvolti".  
Riunione annuale S.I.B., Potenza, 7-8 giugno 1996.
12. L. Panariello, M.I. Scarano, M. De Rosa, F. Salvatore, P. Izzo.  
"Detection of new mutations in four out of ten Italian Hereditary Non Polyposis Colorectal Cancer families".  
Clinbio 96, Capri, Italy, September 15-17, 1996.
13. M.I. Scarano, M. De Rosa, L. Panariello, F. Salvatore, P. Izzo.  
"The molecular basis of Familial Adenomatous Polyposis (FAP) in families from Campania".  
Clinbio 96, Capri, Italy, September 15-17, 1996.
14. M.I. Scarano, M. De Rosa, L. Panariello, A. Nappo, F. Salvatore, P. Izzo.  
"Basi molecolari dei tumori ereditari del colon (familial adenomatous polyposis e hereditary non polyposis colorectal cancer): analisi dei geni coinvolti in pazienti campani".  
XI congresso congresso nazionale FISME, Spoleto 9-12 Ottobre 1996.
15. L. Panariello, M.I. Scarano, M. De Rosa, G. Riegler, A. Savastano, G.B. Rossi, A. Renda, N. Carlomagno, L. Capasso, F. Salvatore, P. Izzo.  
"Detection of new mutations in hMLH1 gene in five out of ten Italian Hereditary Non Polyposis

Colorectal Cancer (HNPCC) families".

Digestive Disease Week and the 97th Annual Meeting of the American Gastroenterological Association, Washington, D. C., USA, May 11-14, 1997. Pubblicato su Gastroenterology, vol.112, n° 4-Supplemento, 1997 A635.

16. M.I. Scarano, M. De Rosa, L. Panariello, N. Carlomagno, A. Renda, G. Pesce, G. Riegler, G.B. Rossi, F. Salvatore, P. Izzo.

"The molecular basis of familial adenomatous polyposis in 20 families from campania: an update".

National congress of digestive disease, Bologna, 22-27 novembre 1997. Pubblicato su Italian Journal of Gastroenterology and Hepatology, vol. 29, Supplemento n° 2, 1997, A147.

17. L. Panariello, M.I. Scarano, M. De Rosa, L. Capasso, L. Insabato, G. Pettinato, A. Renda, G. Riegler, G.B. Rossi, F. Salvatore, P. Izzo.

"New mutations in five out of ten Italian Hereditary Non Polyposis Colorectal Cancer families".

III Congresso Italiano di Oncologia Molecolare, SIC, Positano 7-10 maggio 1997.

18. M. De Rosa, M.I. Scarano, L. Panariello, N. Carlomagno, A. Renda, G. Pesce, G. Riegler, G.B. Rossi, F. Salvatore, P. Izzo.

"Molecular analysis of the APC gene in 20 familial adenomatous polyposis families".

III Congresso Italiano di Oncologia Molecolare, SIC, Positano 7-10 maggio 1997.

19. M.I. Scarano, M. De Rosa, L. Panariello, A. Nappo, F. Salvatore, P. Izzo. "Molecular analysis of genes responsible for familial adenomatous polyposis and hereditary non polyposis colorectal cancer". Pubblicato su The Italian Journal of Biochemistry, vol. 46 N°1, March 1997; 37-38.

20. M. De Rosa, M.I. Scarano, L. Panariello, N. Carlomagno, A. Renda, G. Pesce, G. Riegler, G.B. Rossi, F. Salvatore, P. Izzo.

"Identification of molecular defects responsible for familial adenomatous polyposis".

SIBioC 1997, Napoli, Mostra d'Oltremare 4-7 novembre 1997; Biochimica Clinica Luglio-Agosto 1997 vol 21, n° 7-8, pag. 419.

21. L. Panariello, M. De Rosa, M.I. Scarano, I. Romeo, L. Insabato, G. Pettinato, F. Salvatore, P. Izzo.

"Microsatellite instability in patients with early onset colorectal cancer".

SIBioC 1997, Napoli, Mostra d'Oltremare 4-7 novembre 1997; Biochimica Clinica Luglio-Agosto 1997 vol 21, n° 7-8, pag. 417.

22. Panariello L., De Rosa M., Scarano M. I., Insabato L., Pettinato G., Salvatore F., Izzo P. Microsatellite instability in patients with early onset of colorectal.

XVI European Congress of Pathology: pathology research and practice, Maastricht, August 31-September 4, 1997.

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23. Scarano M.I., De Rosa M., Panariello L., Izzo P.

Identificazione di mutazioni nel gene Adenomatous polyposis coli (APC) in famiglie affette da Poliposi Adenomatosa Familiare (FAP)

Riunione interregionale (S-BCCPM) e dei gruppi SIB Società Italiana di Biochimica, Catania 10-12 Giugno, 1998.

24. L. Panariello, I. Romeo, M.I. Scarano, M. De Rosa, et al..

"Basi molecolari del cancro coloretale ereditario non poliposico".

Giornate scientifiche della facoltà di medicina e chirurgia, Farmacia e medicina veterinaria, Napoli 2-4 Aprile 1998.

25. Panariello L., Romeo I., Arvanatellis M.I., Scarano M.I., De Rosa M., Insabato L., Di Vizio D., Pettinato G., Izzo P.

Basi molecolari del cancro coloretale ereditario non poliposico

Convegno congiunto AGI-SIBBM-SIMGBM-ABCD, Montesilvano, 1998 Abs. N. 9.14, p.181

26. L. Panariello, I. Romeo, I. Arvanitellis, M.I. Scarano, M. De Rosa, L. Insabato, D. Di Vizio, G.

- Pettinato, F. Salvatore, P. Izzo.  
"Basi molecolari del cancro coloretale ereditario non poliposico"  
VI Riunione Annuale del "GRUPPO ITALIANO PER LO STUDIO DEI TUMORI COLORETTALI EREDITARI" Modena, 16-17 ottobre 1998. Comunicazione orale.
27. M.I. Scarano, M. De Rosa, L. Insabato, L. Panariello, N. Carlomagno, A. Renda, G. Riegler, L. Bucci, G.B. Rossi, P. Izzo.  
"Analisi delle mutazioni del gene adenomatous polyposis coli (APC)"  
VI Riunione Annuale del "GRUPPO ITALIANO PER LO STUDIO DEI TUMORI COLORETTALI EREDITARI" Modena, 16-17 ottobre 1998.
28. M. De Rosa, C. Fasano, L. Panariello, M.I. Scarano, G. Belli, P. Izzo.  
"Turcot syndrome: evidence for autosomal recessive inheritance."  
IV meeting of molecular oncology. Positano may 12-15, 1999.
29. M. De Rosa, C. Fasano, L. Panariello, M.I. Scarano, G. Belli, P. Izzo.  
"Molecular defects in a Turcot family with autosomal recessive inheritance". Clinical Chemistry and Laboratory Medicine vol. 37 special supplement, ISSN 1437-8528, 1999. 17th international and 13th European Congress of Clinical Chemistry and Laboratory Medicine; 1st International Congress of Clinical Molecular Biology (CMB); 31st National Congress of the Italian Society of Clinical Biochemistry and Clinical Molecular Biology. Firenze, Italy, 6-11 June 1999.
30. Scarano M.I., De Rosa M., Panariello L., Carlomagno M., Renda A., Riegler G., Rossi G.B., Izzo P.  
"Screening of families with adenomatous polyposis syndrome in Campania: experience of five years."  
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31. M. De Rosa, C. Fasano, L. Panariello, M.I. Scarano, G. Belli, P. Izzo.  
"Evidence for autosomal recessive inheritance of Turcot Syndrome"  
7th UEGW Roma 99, Italy, 13-17 Novembre 1999; Pubblicato su Gut 1999, 45 (suppl V), A77.
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