

CURRICULUM VITAE



PERSONAL INFORMATION

Name	MARIADOMENICA DIVONA
Email address	mariadomenica.divona@ptvonline.it
Nationality	ITALIAN
Place and date of birth	27/11/1974 TIVOLI (RM)

WORK EXPERIENCE

- from July 2007 – to day

PERMANENT CONTRACT AS A BIOMEDICAL LABORATORY TECHNICIAN (CAT.D2) AT THE ONCO-HEMATOLOGY INTEGRATED DIAGNOSTIC UNIT (UOC) POLICLINICO "TOR VERGATA", ROME

Main tasks and responsibilities:

Laboratory coordinator for the management and coordination of technical personnel.
Head and coordinator of the molecular biology section
Principal investigator for the management and execution of molecular testing of samples of Protocol National GIMEMA APL0406 (Prof. F. Lo Coco), centralized at the oncohematology integrated diagnostics laboratory
Development of diagnostic protocols for the diagnosis and monitoring of MRD (Minimal Residual Disease) of Acute Myeloid Leukemias, Acute Lymphoid Leukemias and Myeloproliferative Syndromes
Validation of diagnostic kits for molecular analysis in patients with Acute Myeloid Leukemia

- from December 2004 – to July 2007

WINNER OF THE PUBLIC COMPETITION FOR TITLES AND EXAMINATIONS OF BIOMEDICAL PROFESSIONAL HEALTH-LABORATORY LABORATORY (CAT. D) AT THE CLINICAL PATHOLOGY LABORATORY HOSPITAL PHYSIOTHERAPY INSTITUTES (IFO), ROME

Main tasks and responsibilities:

Diagnostic procedures in the field of hematology, biochemistry and emergencies
Flow cytometric analysis in oncohematological diagnostics

- 2003 – 2004

COLLABORATION CONTRACT AS A LABORATORY TECHNICIAN AT THE LABORATORY OF MOLECULAR AND CELLULAR BIOLOGY, DEPARTMENT OF BIOPATOLOGY AND DIAGNOSTICS FOR IMAGES UNIVERSITY OF TOR VERGATA ", ROME

Main tasks and responsibilities:

Technical coordination activities, organization and start-up of the Onco-hematology Integrated

	Diagnostic Laboratory at the Department of Laboratory Medicine of the Policlinico Hospital of "Tor Vergata". Molecular genetic investigations and analysis of the immunological phenotype by flow cytometry
1999 – 2003	COLLABORATION CONTRACT AS A LABORATORY TECHNICIAN AT THE LABORATORY OF MOLECULAR BIOLOGY, DEPARTMENT OF CELLULAR BIOTECHNOLOGIES AND HEMATOLOGY UNIVERSITY OF ROME "LA SAPIENZA". As part of the project "Rapid identification and diagnosis of genetic alterations and evaluation of their clinical-prognostic significance for differentiated therapy in patients with Acute Myeloid Leukemia".
Main tasks and responsibilities:	Molecular genetic investigations for the diagnosis and monitoring of oncohematological diseases.
• November – December 2001	ATTENDED THE LABORATORY OF MEDICINE AND MOLECULAR ONCOLOGY, DEPARTMENT OF CLINICAL AND BIOLOGICAL SCIENCES, HOSPITAL COMPANY S.LUIGI GONZAGA, ORBASSANO (TO) For the development of a "Real Time" quantitative PCR protocol, using the ABI PRISM 7700 SDS tool, on the molecular characterization of Acute Myeloblastic Leukemias.
• 1996 – 1998	INTERNSHIP AT THE LABORATORY OF ERITROCITARIA TYPE OF THE "LA SAPIENZA" UNIVERSITY TRANSFUSIONCENTER, ROME Acquired techniques: erythrocyte typing, search for anti-erythrocyte antibodies using two automatic techniques, column agglutination and automated liquid phase agglutination on the Immunoscan Plus instrument; blood component separation techniques.
• 1995 – 1996	INTERNSHIP AT THE LABORATORY OF MOLECULAR BIOLOGY AND HISTOLOGY, DEPARTMENT OF NEUROLOGY, UNIVERSITY OF ROME "LA SAPIENZA" Acquired techniques: molecular biology techniques (RNA extraction, DNA extraction, RT, qualitative PCR, real time quantitative PCR, long range PCR), western blot techniques, preparation and staining of histological preparations.
EDUCATION	
• October 2017 to day	ENROLLED 2 YEARS OF MASTER'S DEGREE COURSE IN MEDICAL BIOTECHNOLOGIES UNIVERSITY OF ROME TOR VERGATA
• Dicembre 2013	LEVEL UNIVERSITY MASTER IN "HEALTH PROFESSIONAL MANAGEMENT BIOMEDICAL LABORATORY TECHNICIAN AND MEDICAL RADIOLOGY TECHNICIAN FOR COORDINATION FUNCTIONS" CATHOLIC UNIVERSITY OF SACRED HEART
Thesis title:	Management and Coordination of TSLB personnel in the UOC of Onco-hematological Integrated Diagnostics.
• February 2003	DEGREE IN BIOMEDICAL LABORATORY DIAGNOSTIC TECHNIQUES UNIVERSITY OF ROME "LA SAPIENZA"
Thesis title:	Study of the minimal residual disease by RT-PCR in patients with Acute Myeloid Leukemia with INV (16): comparison between qualitative analysis and quantitative analysis.
Vote:	110/110 and Praise
Short description:	Thesis held at the molecular biology laboratory, Department of Cellular Biotechnology and Hematology

• April 1999 **UNIVERSITY DEGREE IN BIOMEDICAL LABORATORY TECHNICIAN– IND. PATOLOGIA CLINICAL PATHOLOGY AND HEMATOLOGY**
UNIVERSITY OF ROME "LA SAPIENZA"
 Thesis title: Search for anti-erythrocyte antibodies in blood donors and in patients using two techniques: column agglutination and liquid phase agglutination.
 Vote: 110/110 and Praise
 Short description: Thesis held at the University Transfusion Center, Department of Cellular Biotechnology and Hematology

• July 1993 **DIPLOMA OF PROFESSIONAL MATURITY FOR CHEMICAL INDUSTRY TECHNICIAN**
ISTITUTO PROFESSIONAL STATE INSTITUTE "TITO MINNITI"
GUIDONIA MONTECELIO, ROME

Vote: 50/60

TEACHING ACTIVITY

• 2017– 2019 TEACER IN THE SCIENCE AND TECHNIQUE OF LABORATORY-BIOCHEMISTRY LABORATORY(MED/46)
 DEGREE COURSE IN BIOMEDICAL LABORATORY DIAGNOSTIC TECNIQUES, II YEAR II SEMESTER.
 UNIVERSITY OF TOR VERGATA ROME

• 2016– 2017 TEACER IN THE SCIENCE AND TECHNIQUE OF LABORATORY-BIOCHEMISTRY LABORATORY(MED/46)
 DEGREE COURSE IN BIOMEDICAL LABORATORY DIAGNOSTIC TECNIQUES, II YEAR II SEMESTER.
 UNIVERSITY OF TOR VERGATA ROME

• 2011– 2014 TEACER IN THE SCIENCE AND TECHNIQUE OF LABORATORY-BIOCHEMISTRY LABORATORY(MED/46)
 DEGREE COURSE IN BIOMEDICAL LABORATORY DIAGNOSTIC TECNIQUES, I YEAR II SEMESTER.
 UNIVERSITY OF TOR VERGATA ROME

• 2014– 2015 TEACER IN THE SCIENCE AND TECHNIQUE OF LABORATORY-BIOCHEMISTRY LABORATORY(MED/46)
 DEGREE COURSE IN BIOMEDICAL LABORATORY DIAGNOSTIC TECNIQUES, I YEAR II SEMESTER.
 UNIVERSITY OF TOR VERGATA ROME

MOTHER TONGUE **ITALIAN**

OTHER LANGUAGES **ENGLISH**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
Good	Good	Good	Good	Good	Good

**RELATIONAL SKILL AND
COMPETENCES**

ABILITY TO WORK IN A GROUP WITH DIFFERENT COMPETENCES
COORDINATION OF THE WORK OF THE LABORATORY PERSONNEL

TECHNICAL SKILL

EXCELLENT AND CONSOLIDATED ABILITY FOR DIAGNOSTIC AND MONITORING SURVEYS FOR THE CHARACTERIZATION OF ONCOEMATOLOGICAL DISEAS AND EVALUATION OF THE RESPONSE TO THERAPY.
ANALYSIS OF MOLECULAR ALTERATIONS (PCR, RT-PCR, QRT-PCR, D-HPLC, SEQUENCING)
ANALYSIS OF THE IMMUNOLOGICAL PHENOTYPE BY CITOFUORIMETRY.

EXPERTISE FOR BIOMEDICAL EQUIPMENTS: OPTICAL FLUORESCENT MICROSCOPE, AUTOMATIC SEQUENCER, QUANTITATIVE SYSTEM, NUCLEIC ACIDS EXTRACTOR.

KNOWLEDGE OF THE WINDOWS XP, WINDOWS VISTA, WINDOWS 7, MAC OS X
KNOWLEDGE OF THE OFFICE PACKAGE (WORD, EXCEL, POWER POINT, ACCESS).

PROFESSIONAL UPDATE

PARTECIPATION IN MASTER, UNIVERSITY COURSES, CONFERENCES, SEMINARS AND ECM COURSES FOLLOWING CURRENT REGULATIONS REGARDING PROFESSIONAL UPDATING AND RELATIVE TRAINING CREDITS

Books

1. Lo Coco F, Voso MT, **Divona M**, Ottone T, Panetta P, Diverio D.

La Citogenetica e la Biologia Molecolare nelle neoplasie ematologiche.

Ematologia di Mandelli a cura di Giuseppe Avvisati; 2° edizione PICCIN 2019, Cap. 4 pag. 69-84

2. Lo Coco F, **Divona M**, Panetta P, Diverio D.

La Citogenetica e la Biologia Molecolare in Ematologia.

Ematologia di Mandelli a cura di Giuseppe Avvisati; PICCIN 2014, Cap. 4 pag. 59-63

3. Lo Coco F, **Divona M**, N.Inès Noguera, M. Breccia. .

Impact of genetic studies in the diagnosis, classification and monitoring of acute leukemias.

Haematologica, Vol 87, Suppl. 6 , October 2003: 116-119

INTERNATIONAL PUBLICATIONS

-Iaccarino L, Ottone T, Alfonso V, Cicconi L, **Divona M**, Lavorgna S, Travaglini S, Ferrantini A, Falconi G, Baer C, Usai M, Forghieri F, Venditti A, Del Principe MI, Arcese W, Voso MT, Haferlach T, Lo-Coco F. Mutational landscape of patients with acute promyelocytic leukemia at diagnosis and relapse. *Am J Hematol.* 2019 Oct;94(10):1091-1097. doi: 10.1002/ajh.25573. Epub 2019 Jul 23.

-Bernardi S, Malagola M, Zanaglio C, Polverelli N, Dereli Eke E, D'Adda M, Farina M, Bucelli C, Scaffidi L, Toffoletti E, Deambrogi C, Stagno F, Bergamaschi M, Franceschini L, Abruzzese E, **Divona M**, Gobbi M, Di Raimondo F, Gaidano G, Tiribelli M, Bonifacio M, Cattaneo C, Iurlo A, Russo D. Digital PCR improves the quantitation of DMR and the selection of CML candidates to TKIs discontinuation. *Cancer Med.* 2019 May;8(5):2041-2055

-Alfonso V, Iaccarino L, Ottone T, Cicconi L, Lavorgna S, **Divona M**, Cairoli R, Cristiano A, Ciardi C, Travaglini S, Falconi G, Hasan SK, Venditti A, Arcese W, Voso MT, Lo-Coco F. Early and sensitive detection of PML-A216V mutation by droplet digital PCR in ATO-resistant acute promyelocytic leukemia. *Leukemia.* 2019 Jan 16.

-Piedimonte M, Ottone T, Alfonso V, Ferrari A, Conte E, **Divona M**, Bianchi MP, Ricciardi MR, Mirabilii S, Licchetta R, Campagna A, Cicconi L, Galassi G, Pelliccia S, Leporace A, Lo Coco F, Tafuri A. A rare BCR-ABL1 transcript in Philadelphia-positive acute myeloid leukemia: case report and literature review. *BMC Cancer.* 2019 Jan 10;19(1):50.

-Piredda ML, Gaur G, Catalano G, **Divona M**, Banella C, Travaglini S, Puzangara MC, Voso MT, Lo-Coco F, Noguera NI. PML/RARA inhibits expression of HSP90 and its target AKT. *Br J Haematol.* 2019 Mar;184(6):937-948.

- Del Principe MI, Buccisano F, Soddu S, Maurillo L, Cefalo M, Piciocchi A, Consalvo MI, Paterno G, Sarlo C, De Bellis E, Zizzari A, De Angelis G, Fraboni D, **Divona M**, Voso MT, Sconocchia G, Del Poeta G, Lo-Coco F, Arcese W, Amadori S, Venditti A. Involvement of central nervous system in adult patients with acute myeloid leukemia: Incidence and impact on outcome. *Semin Hematol.* 2018 Oct;55(4):209-214

- Iaccarino L, **Divona M**, Ottone T, Cicconi L, Lavorgna S, Ciardi C, Alfonso V, Travaglini S, Facchini L, Cimino G, Di Bona E, Voso MT, Lo-Coco F. Identification and monitoring of atypical PML/RARA fusion transcripts in acute promyelocytic leukemia. *Genes Chromosomes Cancer.* 2018 Nov 12. (*Iaccarino L and Divona M contributed equally to this study)

- Cicconi L, Breccia M, Franceschini L, Latagliata R, Molica M, **Divona M**, Diverio D, Rizzo M, Ottone T, Iaccarino L, Alfonso V, Foa R, Voso MT, Lo-Coco F. Prolonged treatment with arsenic trioxide (ATO) and all-trans-retinoic acid (ATRA) for relapsed acute promyelocytic leukemia previously treated with ATRA and chemotherapy. *Ann Hematol.* 2018 Oct;97(10):1797-1802.

- Ottone T, Alfonso V, Iaccarino L, Hasan SK, Mancini M, **Divona M**, Lavorgna S, Cicconi L, Panetta P, Maurillo L, Del Principe MI, Irno Consalvo M, Franceschini L, Angelini DF, Battistini L, Guerrera G, De Bardi M, Fabiani E, Falconi G, Arcese W, Amadori S, Buccisano F, Venditti A, Voso MT, Lo-Coco F. Longitudinal detection of DNMT3AR882H transcripts in patients with acute myeloid leukemia. *Am J Hematol.* 2018 May;93(5):E120-E123.

- Sanarico AG, Ronchini C, Croce A, Memmi EM, Cammarata UA, De Antoni A, Lavorgna S, **Divona M**, Giacobbe L, Melloni GEM, Brendolan A, Simonetti G, Martinelli G, Mancuso P, Bertolini F, Coco FL, Melino G, Pellicci PG, Bernassola F. The E3 ubiquitin ligase WWP1 sustains the growth of acute myeloid leukaemia. *Leukemia.* 2018 Apr;32(4):911-919.

- Fabiani E, Falconi G, Noguera NI, Saulle E, Cicconi L, **Divona M**, Banella C, Picardi A, Cerio AM, Boe L, Sanchez M, Pelosi E, Testa U, Lo-Coco F, Voso MT.
The forkhead box C1 (FOXC1) transcription factor is downregulated in acute promyelocytic leukemia
Oncotarget. 2017 Sep 20;8(48):84074-84085.
- Iaccarino L, Ottone T, Hasan SK, **Divona M**, Cicconi L, Lavorgna S, Alfonso V, Basso G, Barragán E, Bocchia M, Rego EM, Grimwade D, Voso MT, Lo-Coco F.
Comparative genomic analysis of PML and RARA breakpoints in paired diagnosis/relapse samples of patients with acute promyelocytic leukemia treated with all-trans retinoic acid and chemotherapy.
Leuk Lymphoma. 2018 May;59(5):1268-1270.
- Masciarelli S, Capuano E, Ottone T, **Divona M**, De Panfilis S, Banella C, Noguera NI, Picardi A, Fontemaggi G, Blandino G, Lo-Coco F, Fazi F.
Retinoic acid and arsenic trioxide sensitize acute promyelocytic leukemia cells to ER stress.
Leukemia. 2018 Feb;32(2):285-294.
- Piredda ML, Catalano G, Ciardi C, **Divona M**, Cicconi L, Panetta P, Curzi P, Garza E, Martínez-Losada C, Postorino M, Lo-Coco F, Noguera NI.
Identification of a potential topoisomerase II "hotspot" DNA region in the DEK gene in two t(6;9)-positive therapy-related myeloid neoplasms.
Ann Hematol. 2017 Jan;96(1):155-157
- Platzbecker U, Avvisati G, Cicconi L, Thiede C, Paoloni F, Vignetti M, Ferrara F, **Divona M**, Albano F, Efficace F, Fazi P, Sborgia M, Di Bona E, Breccia M, Borlenghi E, Cairoli R, Rambaldi A, Melillo L, La Nasa G, Fiedler W, Brossart P, Hertenstein B, Salih HR, Wattad M, Lübbert M, Brandts CH, Hänel M, Röllig C, Schmitz N, Link H, Frairia C, Pogliani EM, Fozza C, D'Arco AM, Di Renzo N, Cortezzzi A, Fabbiano F, Döhner K, Ganser A, Döhner H, Amadori S, Mandelli F, Ehninger G, Schlenk RF, Lo-Coco F.
Improved Outcomes With Retinoic Acid and Arsenic Trioxide Compared With Retinoic Acid and Chemotherapy in Non-High-Risk Acute Promyelocytic Leukemia: Final Results of the Randomized Italian-German APL0406 Trial.
J Clin Oncol. 2017 Feb 20;35(6):605-612.
- Cicconi L, **Divona M**, Ciardi C, Ottone T, Ferrantini A, Lavorgna S, Alfonso V, Paoloni F, Picocchi A, Avvisati G, Ferrara F, Di Bona E, Albano F, Breccia M, Cerqui E, Sborgia M, Kropp MG, Santoro A, Levis A, Sica S, Amadori S, Voso MT, Mandelli F, Lo-Coco F.
PML-RAR α kinetics and impact of FLT3-ITD mutations in newly diagnosed acute promyelocytic leukaemia treated with ATRA and ATO or ATRA and chemotherapy.
Leukemia. 2016 Oct;30(10):1987-1992.
- Iaccarino L, Ottone T, **Divona M**, Cicconi L, Cairoli R, Voso MT, Lo-Coco F.
Mutations affecting both the rearranged and the unrearranged PML alleles in refractory acute promyelocytic leukaemia.
Br J Haematol. 2016 Jul;174(2):335.
- Angelini DF, Ottone T, Guerrera G, Lavorgna S, Cittadini M, Buccisano F, Bardi M, Gargano F, Maurillo L, **Divona M**, Noguera NI, Consalvo MI, Borsellino G, Bernardi G, Amadori S, Venditti A, Battistini L, Lo-Coco F.
A Leukemia-Associated CD34/CD123/CD25/CD99+ Immunophenotype Identifies FLT3-Mutated Clones in Acute Myeloid Leukemia.
Clin Cancer Res. 2015 May 8.
- Spinelli O, Rambaldi A, Rigo F, Zanghì P, D'Agostini E, Amicarelli G, Colotta F, Divona M, Ciardi C, Coco FL, Minnucci G.
Simple, rapid and accurate molecular diagnosis of acute promyelocytic leukemia by loop mediated amplification technology.
Clin Cancer Res. 2014 Dec 27;2(1):50-8.
- Hasan SK, Barba G, Metzler M, **Divona M**, Ottone T, Cicconi L, Falini B, Mecucci C, Lo-Coco F.
Clustering of genomic breakpoints at the MLL locus in therapy-related acute leukemia with t(4;11)(q21;q23).
Genes Chromosomes Cancer. 2014 Mar;53(3):248-54.
- Iosue I, Quaranta R, Masciarelli S, Fontemaggi G, Batassa EM, Bertolami C, Ottone T, **Divona M**, Salvatori B, Padula F, Fatica A, Lo-Coco F, Nervi C, Fazi F.

Argonaute 2 sustains the gene expression program driving human monocytic differentiation of acute myeloid leukemia cells.
Cell Death Dis. 2013 Nov 21;4:e926.

-Lo-Coco F, Avvisati G, Vignetti M, Thiede C, Orlando SM, Iacobelli S, Ferrara F, Fazi P, Cicconi L, Di Bona E, Specchia G, Sica S, **Divona M**, Levis A, Fiedler W, Cerqui E, Breccia M, Fioritoni G, Salih HR, Cazzola M, Melillo L, Carella AM, Brandts CH, Morra E, von Lilienfeld-Toal M, Hertenstein B, Wattad M, Lübbert M, Hänel M, Schmitz N, Link H, Kropp MG, Rambaldi A, La Nasa G, Luppi M, Ciceri F, Finizio O, Venditti A, Fabbiano F, Döhner K, Sauer M, Ganser A, Amadori S, Mandelli F, Döhner H, Ehninger G, Schlenk RF, Platzbecker U;
Retinoic acid and arsenic trioxide for acute promyelocytic leukemia.
N Engl J Med. 2013 Jul 11;369(2):111-21.

-Ottone T, Zaza S, **Divona M**, Hasan SK, Lavorgna S, Laterza S, Cicconi L, Panetta P, Di Giandomenico J, Cittadini M, Ciardi C, Montefusco E, Franchi A, Annino L, Venditti A, Amadori S, Lo-Coco F.
Identification of emerging FLT3 ITD-positive clones during clinical remission and kinetics of disease relapse in acute myeloid leukaemia with mutated nucleophosmin.
Br J Haematol. 2013 May;161(4):533-40.

-Noguera NI, Song MS, **Divona M**, Catalano G, Calvo KL, García F, Ottone T, Florenzano F, Faraoni I, Battistini L, Colombo E, Amadori S, Pandolfi PP, Lo-Coco F.
Nucleophosmin/B26 regulates PTEN through interaction with HAUSP in acute myeloid leukemia.
Leukemia. 2013 Apr;27(5):1037-43

-Ottone T, Cicconi L, Hasan SK, Lavorgna S, **Divona M**, Voso MT, Montefusco E, Melillo L, Barragán E, Platzbecker U, Gianni L, Hubmann M, Pagoni M, Amadori S, Lo-Coco F.
Comparative molecular analysis of therapy-related and de novo acute promyelocytic leukemia.
Leuk Res. 2012 Apr;36(4):474-8.

-Cicconi L, Romano A, Ramadan SM, **Divona M**, Petti MC, Lo-Coco F
Long-term seventh molecular remission in acute promyelocytic leukemia.
Ann Hematol. 2011 Feb 19.

-Rapanotti MC, Caruso R, Ammatuna E, Zaza S, Trotta L, **Divona M**, Cicconi L, Funaro D, Federici G, Amadori S, De Rossi G, Lo-Coco F. Molecular characterization of paediatric idiopathic hypereosinophilia.
Br J Haematol. 2010 Dec;151(5):440-6

-Di Veroli A, Ramadan SM, **Divona M**, Cudillo L, Gianni L, Wieland S, Giannotti F, Mirabile M, Arcese W, Lo-Coco F.
Molecular remission in advanced acute promyelocytic leukaemia after treatment with the oral synthetic retinoid Tamibarotene.
Br J Haematol. 2010 Oct;151(1):99-101

-Gruszka AM, Lavorgna S, Consalvo MI, Ottone T, Martinelli C, Cinquanta M, Ossolengo G, Pruneri G, Buccisano F, **Divona M**, Cedrone M, Ammatuna E, Venditti A, de Marco A, Lo-Coco F, Pelicci PG.
A monoclonal antibody against mutated nucleophosmin 1 for the molecular diagnosis of acute myeloid leukemias.
Blood. 2010 Sep 23;116(12):2096-102

-Ammatuna E, **Divona M**, Curzi P, Panetta P, Zaza S, Postorino M, Cantonetti M, Amadori S, Lo-Coco F.
Simultaneous occurrence of BCR/ABL1 and RUNX1/RUNX1T1 in a case of therapy-related acute myeloid leukemia.
Cancer Genet Cytogenet. 2009 Dec;195(2):189-91

-Ammatuna E, Cavaliere A, **Divona M**, Amadori S, Scambia G, Lo-Coco F.
Successful pregnancy after arsenic trioxide therapy for relapsed acute promyelocytic leukaemia.
Br J Haematol. 2009 Aug;146(3):341. Epub 2009 May 26.

- Ammatuna E, Montefusco E, Pacilli M, **Divona M**, Ardiri D, Centonze D, Lo-Coco F.

Use of arsenic trioxide in secondary acute promyelocytic leukemia developing after treatment of multiple sclerosis with mitoxantrone. *Leuk Lymphoma*. 2009 Jul;50(7):1217-8.

-Ottone T, Hasan SK, Montefusco E, Curzi P, Mays AN, Chessa L, Ferrari A, Conte E, Noguera NI, Lavorgna S, Ammatuna E, **Divona M**, Bovetti K, Amadori S, Grimwade D, Lo-Coco Identification of a potential "hotspot" DNA region in the RUNX1 gene targeted by mitoxantrone in therapy-related acute myeloid leukemia with t(16;21) translocation. *Genes Chromosomes Cancer*. 2009 Mar;48(3):213-21

-Cavazzini F, Bardi A, Tammiso E, Ciccone M, Russo-Rossi A, **Divona D**, Lo Coco F, Hernandez JM, Wlodarska I, Hagemeyer A, Castoldi G, Cuneo A. Validation of an interphase fluorescence in situ hybridization approach for the detection of MLL gene rearrangements and of the MLL/AF9 fusion in acute myeloid leukemia. *Haematologica*. 2006 Mar;91(3):381-5. Epub 2006 Feb 17.

-Noguera NI, Ammatuna E, Zangrilli D, Lavorgna S, **Divona M**, Buccisano F, Amadori S, Mecucci C, Falini B, Lo Coco F. Simultaneous detection of NPM1 and FLT3-ITD mutations by capillary electrophoresis in acute myeloid leukemia. *Leukemia*. 2005 Aug; 19(8): 21479-82.

-Noguera NI, Breccia M, **Divona M**, Diverio D, Costa V, De Santis S, Avvisati G, Pinazzi MB, Petti MC, Mandelli F, Lo Coco F. Alterations of the FLT3 gene in acute promyelocytic leukemia: association with diagnostic characteristics and analysis of clinical outcome in patients treated with the Italian AIDA protocol. *Leukemia*. 2002 Nov; 16(11): 2185-9.

-Cilloni D, Gottardi E, De Micheli D, Serra A, Volpe G, Messa F, Rege-Cambrin G, Guerrasio A, **Divona M**, Lo Coco F, Saglio G. Quantitative assessment of WT1 expression by real time quantitative PCR may be a useful tool for monitoring minimal residual disease in acute leukemia patients. *Leukemia*. 2002 Oct; 16(10): 2115-21.

-Cuneo A, Bigoni R, Cavazzini F, Bardi A, Roberti MG, Agostani P, Tammiso E, Ciccone N, Mancini M, Nanni M, De Cuia R, **Divona M**, La Starza R, Crescenzi B, Testoni N, Rege Cambrin G, Mecucci C, Lo Coco F, Saglio G, Castaldi G. Incidence and significance of cryptic chromosome aberrations detected by fluorescence in situ hybridization in acute myeloid leukemia with normal karyotype. *Leukemia*. 2002 Sep;16(9): 1745-51.

-Guerrasio A, Pilatino C, De Micheli D, Cilloni D, Serra A, Gottardi E, Parziale A, Marmont F, Diverio D, **Divona M**, Lo Coco F, Saglio G. Assessment of minimal residual disease (MDR) in CBFbeta/MYH11-positive acute myeloid leukemias by qualitative and quantitative RT-PCR amplification of fusion transcripts. *Leukemia*. 2002 Jun; 16(6): 1176-81.

-Lo Coco F, De Santis S, Esposito A, **Divona M**, Diverio D. Molecular monitoring of hematologic malignancies: current and future issues. *Seminars in Hematology*. Vol 39, No 2, Suppl 1 (April), 2002: 14-17

Rome, 08/10/2019

Mariadomenica Divona