



# Università degli Studi di Roma "Tor Vergata"

## **CURRICULUM DIDATTICO-SCIENTIFICO DEL PROF. FRANCESCO LO-COCO**

### **INFORMAZIONI PERSONALI**

<b>Nome</b>	<b>Lo-COCO FRANCESCO</b>
<b>Telefono lavoro</b>	0620903222
<b>Fax</b>	0620903211
<b>E-mail</b>	francesco.lo.coco@uniroma2.it
<b>Nazionalità</b>	ITALIANA
<b>Data di Nascita</b>	30.10.1955
<b>QUALIFICA</b>	PROFESSORE ORDINARIO DI EMATOLOGIA
<b>Posizione funzionale attualmente ricoperta</b>	DIPARTIMENTO DI BIOMEDICINA E PREVENZIONE UNIVERSITA' DI ROMA TOR VERGATA

### **ISTRUZIONE E FORMAZIONE**

1974-1981	LAUREA IN MEDICINA E CHIRURGIA, UNIVERSITA' DI PISA
1982-1985	SPECIALIZZAZIONE IN EMATOLOGIA, UNIVERSITA' LA SAPIENZA-ROMA

### **CURRICULUM DI CARRIERA: ESPERIENZE LAVORATIVE**

2005- PRESENTE	PROFESSORE ORDINARIO DI EMATOLOGIA UNIVERSITA' DI ROMA TOR VERGATA
2002-2005	PROFESSORE ASSOCIATO DI EMATOLOGIA E DIRETTORE DEL LABORATORIO DI DIAGNOSTICA INTEGRATA ONCOEMATOLOGICA UNIVERSITA' DI ROMA TOR VERGATA
1993-2002	DIRIGENTE MEDICO PRESSO IL DIPARTIMENTO DI BIOTECNOLOGIE CELLULARI ED EMATOLOGIA, UNIVERSITA' LA SAPIENZA-ROMA
1987-2002	DIRIGENTE MEDICO E DIRETTORE DEL LABORATORIO DI BIOLOGIA MOLECOLARE, DIPARTIMENTO DI BIOPATOLOGIA UNIVERSITA' LA SAPIENZA-ROMA
1992-1994	RICERCATORE PRESSO IL LABORATORIO DEL PROF. RICACRDO DALLA FAVERA, COLUMBIA UNIVERSITY, NEW YORK, USA

**ALTRE LINGUE:** INGLESE E SPAGNOLO

### **LAVORI SELEZIONATI**

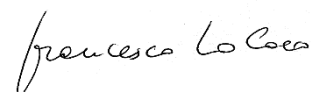
-Lo Coco F, Diverio D, Pandolfi PP, et al. Molecular evaluation of residual disease as a predictor of relapse in acute promyelocytic leukemia. **Lancet** 340: 1437,1992.

-Ye BH, Lista F, Lo Coco F, et al. Alterations of a zinc-finger encoding gene, BCL-6 in diffuse large-cell lymphoma. **Science** 262: 747,1993.

-Offit K, Lo Coco F, Louie DC, Parsa NZ, Leung D, Portlock C, Ye BH, Lista F, Filippa DA, Rosenbaum A, Ladany M, Jhanwar S, Dalla-Favera R, Chaganti R SK. Rearrangement of the BCL-6 gene as a prognostic marker in diffuse large-cell lymphoma. **New England Journal of Medicine** 331:74, 1994.

- Mandelli F, Diverio D, Awisati G, Luciano A, Barbui T, Bernasconi C, Broccia G, Cerri R, Falda M, Fioritoni G, Leoni F, Liso V, Petti MC, Rodeghiero F, Saglio G, Vegna ML, Visani G, Muus P, Willemze R, Jehn U, Pelicci PG, Biondi A, Lo Coco F. Molecular remission in PML/RARa-positive acute promyelocytic leukemia by combined all-trans retinoic acid and idarubicin (AIDA) therapy. **Blood** 90:1014, 1997.
- Di Croce L, Raker VA, Corcaro M, Fazi F, Fanelli M, Fuks F, Lo Coco F, et al. Methyltransferase recruitment to target promoters as a mechanism of DNA hypermethylation by an oncogenic transcription factor. **Science** 295: 1079, 2002.
- Falini B, Mecucci C, Tiacci E, Alcalay M, Rosati R, Pasqualucci L, La Starza R, Diverio D, Colombo E, Santucci A, Bigema B, Pacini R, Pucciarini A, Liso A, Vignetti M, Fazi P, Meani N, Pettrossi V, Saglio G, Mandelli F, Lo Coco F, Pelicci PG, Martelli MF. Cytoplasmic Nucleophosmin (NPM) Identifies a Subtype of Acute Myelogenous Leukemia With a Normal Karyotype and NPM Gene Mutations. **New England Journal of Medicine** 352:254, 2005.
- Lo-Coco F, Avvisati G, Vignetti M et al. Arsenic trioxide and retinoic acid for acute promyelocytic leukemia. **New England Journal of Medicine** 368: 111-121, 2013.
- Wei S, Kozono S, Kats L, Nechama M, Li W, Guarnerio J, Luo M, You MH, Yao Y, Kondo A, Hu H, Bozkurt G, Moerke NJ, Cao S, Reschke M, Chen CH, Rego EM, Lo-Coco F, Cantley LC, Lee TH, Wu H, Zhang Y, Pandolfi PP, Zhou XZ, Lu KP. Active Pin1 is a key target of all-trans retinoic acid in acute promyelocytic leukemia and breast cancer. **Nature Medicine**, 21(5):457-66, 2015
- Guarnerio J, Bezzi M, Jeong JC, Paffenholz SV, Berry K, Naldini MM, Lo Coco F, Tay Y, Beck AH, Pandolfi PP. Oncogenic Role of Fusion-circRNAs Derived from Cancer-Associated Chromosomal Translocations. **Cell** 166: 1055-1056, 2016
- Lo-Coco F, Di Donato L, Schlenk RF. Targeted therapy alone for acute promyelocytic leukemia. **New England Journal of Medicine** 374(12):1197-8, 2016.
- Döhner H, Estey E, Grimwade D, Amadori S, Appelbaum FR, Büchner T, Dombret H, Ebert BL, Fenaux P, Larson RA, Levine RL, Lo Coco F, Naoe T, Niederwieser D, Ossenkoppele GJ, Sanz M, Sierra J, Tallman MS, Tien HF, Wei AH, Löwenberg B, Bloomfield CD. Diagnosis and management of AML in adults: 2017 ELN recommendations from an international expert panel. **Blood**; 129: 424-447 2017
- Stone RM, Mandrekar SJ, Sanford BL, Laumann K, Geyer S, Bloomfield CD, Thiede C, Prior TW, Döhner K, Marcucci G, Lo Coco F, Klisovic RB, Wei A, Sierra J, Sanz MA, Brandwein JM, de Witte T, Niederwieser D, Appelbaum FR, Medeiros BC, Tallman MS, Krauter J, Schlenk RF, Ganser A, Serve H, Ehninger G, Amadori S, Larson RA, Döhner H. Midostaurin plus Chemotherapy for Acute Myeloid Leukemia with a FLT3 Mutation. **New England Journal of Medicine**, 377(5):454-464, 2017

Roma, 15.02.2018



Autorizzo il trattamento dei dati personali ai sensi della Legge 196/03



# Università degli Studi di Roma "Tor Vergata"

## ACADEMIC AND SCIENTIFIC CURRICULUM OF PROF. FRANCESCO LO-COCO

### PERSONAL INFORMATION

Name **LO-COCO FRANCESCO**  
Telephone 0620903222  
Fax 0620903211  
E-mail francesco.lo.coco@uniroma2.it  
Nationality ITALY  
Date of birth 30.10.1955  
Current Position Full Professor of Hematology,  
Head of Integrated Diagnostic of Oncohematologic  
diseases, University Tor Vergata, Rome

### EDUCATION AND TRAINING

1974-1981 MEDICAL DOCTOR, UNIVERSITY OF PISA  
1982-1985 BOARD CERTIFICATE IN HEMATOLOGY, UNIVERSITY "LA SAPIENZA" OF  
ROME

### WORK EXPERIENCE

2005- PRESENT Full Professor of Hematology, University Tor Vergata of Rome  
2002-2005 Associate Professor of Hematology,  
Head of Integrated Diagnostic of Oncohematologic diseases, University  
Tor Vergata, Rome  
1993-2002 Senior staff member, Hematology Section,  
Dept. of Cellular Biotechnologies and Hematology  
University "La Sapienza", Rome  
1987-2002 Head, Molecular Biology Laboratory, Hematology Section, Dept. of  
Human, Biopathology of the University "LaSapienza", Rome  
1992-1994 Visiting Scientist, Dept. of Pathology,  
Columbia University, New York

<b>MOTHER TONGUE</b>	ITALIAN
<b>OTHER LANGUAGES</b>	ENGLISH AND SPANISH
Reading Skills	EXCELLENT
Writing Skills	EXCELLENT
Verbal Skills	EXCELLENT

### SELECTED PAPERS

Lo Coco F, Diverio D, Pandolfi PP, et al. Molecular evaluation of residual disease as a predictor of relapse in acute promyelocytic leukemia. **Lancet** 340: 1437,1992.

Ye BH, Lista F, Lo Coco F, et al. Alterations of a zinc-finger encoding gene, BCL-6 in diffuse large-cell lymphoma. **Science** 262: 747,1993.

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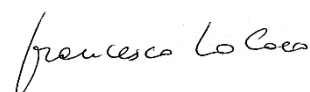
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