

FRANCESCA D'ALESSIO

Actual role: Cell/Tissue Culture Facility Manager

Documented experience in Cell/Tissue Culture Facility includes:

- Acquisition, culture and cryopreservation of human and animal growing non-adherent and adherent cell lines
- Mycoplasma detection in cell lines and reagent
- Mycoplasma eradication in cell lines
- Establishment of primary cell culture starting from fresh tissue biopsies
- Flow cytometric characterization and analysis of mature and stem cell populations
- Pharmacologic and proliferation activity analysis on cell cultures by vitality assays

CAREER SUMMARY

Cell/Tissue Culture Facility Manager CEINGE – Biotecnologie Avanzate s.c.a r.l.	<u>2018 – present</u>
Cell/Tissue Culture Facility Supervisor and Coordinator CEINGE – Biotecnologie Avanzate s.c.a r.l., Tutor: Professor Luigi Del Vecchio	<u>2013 – 2018</u>
Cell/Tissue Culture and Flow Cytometry Reseacher Cell Culture Facility and Clinical and Experimental Flow Cytometry Unit CEINGE – Biotecnologie Avanzate s.c.a r.l., Tutors: Professor Rosa Di Noto and Professor Luigi Del Vecchio	<u>2006 - 2012</u>

EDUCATION

Postgraduate School in Clinical Biochemistry University of Naples “Federico II”, Faculty of Medicine and Surgery <ul style="list-style-type: none">• Graduated Summa Cum Laude	<u>2007-2012</u>
MSc in Medical Biotechnology University of Naples “Federico II”, Faculty of Biotechnology <ul style="list-style-type: none">• Graduated Summa Cum Laude	<u>2004-2007</u>
BSc in Biotechnology University of Naples “Federico II”, Faculty of Biotechnology	<u>2001-2004</u>

PUBLICATIONS (5 OF 17)

Iaffaldano L, Nardelli C, **D'Alessio F**, D'Argenio V, Nunziato M, Mauriello L, Procaccini C, Maruotti GM, Martinelli P, Matarese G, Pastore L, Del Vecchio L, Labruna G, Sacchetti L.

“Altered Bioenergetic Profile in Umbilical Cord and Amniotic Mesenchymal Stem Cells from Newborns of Obese Women”. *Stem Cells Dev.* 2018 Feb 1; 27(3):199-206.

Briguori C, Quintavalle C, **D'Alessio F**, Donahue M, Roscigno G, De Micco F, Focaccio A, Visconti G, Del Vecchio L, Madonna R, De Caterina R, Condorelli G. “Impact of statin therapy intensity on endothelial progenitor cells after percutaneous coronary intervention in diabetic patients. The REMEDY-EPC late study”. *Int J Cardiol.* 2017 Oct 1; 244:112-118.

Visconti R, Della Monica R, Palazzo L, **D'Alessio F**, Raia M, Improta S, Villa MR, Del Vecchio L, Grieco D. “The Fcp1-Wee1-Cdk1 axis affects spindle assembly checkpoint robustness and sensitivity to antimicrotubule cancer drugs”. *Cell Death Differ.* 2015 Sep; 22(9): 1551-60.

Mariotti E, **D'Alessio F**, Mirabelli P, Di Noto R, Fortunato G, Del Vecchio L. “Mollicutes contamination: A new strategy for an effective rescue of cancer cell lines”. *Biologicals* 2012 Jan; 40: 88-91.

D'Alessio F, Mirabelli P, Gorrese M, Scalia G, Gemei M, Mariotti E, Fortunato G, Di Noto R, Paladini D, Del Vecchio L. “Polychromatic flow cytometry analysis of CD34+ hematopoietic stem cells in cryopreserved early preterm human cord blood samples”. *Cytometry part A*, 2011 Jan; 79(1): 14-24.