

## Curriculum Vitae

PERSONAL DATA	
Name	Selene Mallia
Date/place of birth	04/06/1993, Modugno (BA), Italy
Citizenship	Italian
Work address	Center for Regenerative Medicine, University of Modena e Reggio Emilia, via Glauco Gottardi 100, Modena
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EDUCATION			
Name of Institution	Location (City, Country)	Degree	Year
University of Palermo	Palermo, Italy	Master degree in Molecular and Healt Biology	2018
University of Palermo	Palermo, Italy	Bachelor degree in Biological Science	2016

RESEARCH EXPERIENCE		
From - To	Position	Research activity
2018-today	PhD student	Discover novel therapeutic targets in chronic Myeloproliferative Neoplasms (MPN)
2017-2018	Master degree student	Study of the transcriptional factor NFATc1 regulation and role in macrophages differentiation
2016	Bachelor degree student	Study of the transcriptional factor NFATc1 expression during osteoclastogenesis

TECHNICAL SKILLS AND COMPETENCES
<ul style="list-style-type: none"> <li>- Cellular biology: Cell lines cultures, Immunomagnetic Cell Separation, Clonigenic assay, Cell transfection (siRNA, microRNA, Plasmid), Lentiviral Trasduction, Protein extraction and quantization, SDS-PAGE protein analysis, Western Blot, Densitometric protein analysis with Odyssey Infrared Imaging System, Optical microscopy, Fluorescence microscopy, Immunofluorescence, Luciferase Assays, Flow Cytometry and Immunostaining</li> <li>- Molecular Biology: bacterial cultures (on solid and liquid media), Colony PCR, Plasmid Cloning (restriction enzyme digestion, ligation, bacterial transformation), Competent Bacteria preparation, Lentiviral Vector Production, Nucleic acid (Plasmid DNA, genomic DNA, RNA) extraction and quantization, Retrotranscription to cDNA syntesis, PCR, Real-Time PCR, Electrophoresis agarose gel, Single-cell Whole Genome Amplification (sc-WGA), Sanger Sequencing</li> <li>- Bioinformatic skills: Database for genomic and protein networks analysis, Nucleotide BLAST (BLASTn), Ensembl, HUGO Gene Nomenclature Committee (HGCN), Reactome, Kegg Pathway Database, Target Scan Mouse, Target Scan Human, miRBD, miRBase, Gene Ontology, Ingenuity Pathway Analysis (IPA)</li> </ul>

AWARDS

PUBLICATIONS	
1.	Russo R., Mallia S., Zito F., Lampiasi N., <i>Cells</i> 2019; 8, 131