

## Curriculum vitae

### Personal information

ALESSANDRA ROMANO, M.D., Ph.D.

**Date of birth** 15/01/1983

**Nationality:** Italian, passport number: AA2678136

**Academic role:** Assistant Professor of Hematology at University of Catania, Italy

### EDUCATION AND TRAINING

**May 2018** Selected Fellow at III International School on Emergency Accounting

**July 2017:** European Hematology Exam passed, certified by EHA (European Hematology Association)

**09/07/2016:** Specialization in Hematology, 70/70 cum laude

**03/02/2012** Grant Writing Certification (Expert Level), score 100%

**01/26/2011** Ph.D., XXIII International PhD course of SSC- University of Catania in Stem Cells and molecular medicine, 70/70 cum laude, thesis title: High resolution molecular karyotyping and proteomic analysis in hematological malignancies, endorsing professors: Lance Liotta and Francesco Di Raimondo.

**5<sup>th</sup>-19<sup>th</sup> July 2008** International School of Functional Genomics, director S. Cavallaro

**4<sup>th</sup>-11<sup>st</sup> July 2008** Translational medicine course, director L. Liotta, grade A

**January 2008** Board certification

**01/31/2008** SSC-Scuola Superiore di Catania degree, 70/70 marks and laudem. Thesis title: "Salvage therapy with vinorelbine, ifosfamide and cytarabine regimen (VIHA) in Non-Hodgkin lymphomas."

**August 2006 - October 2007:** Training in Haematologic Unit of Istituto Clinico Humanitas, endorsing professor: A. Santoro, working about salvage chemotherapy in lymphoma and transplantation.

**07/25/2007** Medicine degree. 110/110 marks and laudem. Thesis title: "Salvage therapy with intravenous bortezomib, melphalan and dexamethasone in previously treated myeloma patients."

**From October 2005** Training in Haematologic Clinical Division of Hospital Ferrarotto of Catania, supervisor: prof. Francesco Di Raimondo.

**January- July 2005** Team leader in the 8<sup>th</sup> Student ESA parabolic flight campaign, to test cell survival in microgravity (first 25 selected in Europe and Canada)

**June-December 2004** Training in Biochemical Lab of University of Catania, directed by Prof. D. Condorelli, working about Pol-A gene expression

**From September 2001:** effective student in SSC-Scuola Superiore di Catania.

**June 2001** High School Graduation at Liceo Scientifico G. Galilei, Catania, 100/100 marks

### WORK AND RESEARCH EXPERIENCES

**From May 2020** Assistant Professor at University of Catania, CHIRMED, Department of Medical sciences and surgical specialties, Hematology Section

**March-May 2020** Clinical Assistant at AOU Policlinico, Hematology Section, Catania, Italy for COVID19 emergency

**From November 2019:** selected fellow for the SIE-ASH VICR (Visiting International Clinical Researcher Program) at Dana Farber Institute, host mentor Ann LaCasce

**January-March 2019** Post-doc fellow at Ca' Foscari University, Department of nanoscience

**January-December 2018:** Research Assistant at University of Catania, CHIRMED, Department of Medical sciences and surgical specialties, Hematology Section

**From June 2017-now:** Research Assistant ("*Cultore della Materia*") in Blood Diseases (MED/15) at University of Catania

**September 2016-December 2017** Post-doc fellow at Ospedale San Raffaele, Age Related Diseases Unit, Milano, Italy

**April-July 2016:** visiting scientist at Ospedale San Raffaele, Age Related Diseases Unit, Milano, Italy endorsed by dr. S. Cenci

**October 2013-May 2014:** Post Doc Fellow at Johns Hopkins University- School of Medicine, Department of Oncology, endorsing prof. Ivan Borrello

**June 2015-April 2017** co-investigator in research program (Non-clinical Research Grant Recipient-ITA-051) funded by Celgene *Exploiting Ikaros and Aiolos in controlling MDSC expansion in Multiple Myeloma*

**From January 2014** sub-investigator in the national grant from Health Minister (ricerca finalizzata) in collaboration with Johns Hopkins University to detect MDSC in Multiple Myeloma (P.I. Francesco Di Raimondo and Ivan Borrello)

**January 2013-December 2016** sub-investigator in the national grant PON 2010-2012 Hippocrates to detect Arginase using innovative nanotechnology (P.I. F. Di Raimondo)

**From 11/01/2010 to 01/31/2011** Senior researcher at George Mason University, Manassas, VA, in charge of ISS, Istituto Superiore di Sanita, Rome, Italy for *detection of biomarkers in high-risk Myelodysplastic Syndromes*

**From 08/02/2009 to 10/31/2010** Research Assistant at George Mason University, Manassas, VA, working on translational research: *Ex vivo assay for targeted therapy in Multiple Myeloma*

### **GRANTS**

**September 2019**, GILEAD Fellowship (1-yr, 25,000 euro, co-PI) for a project entitled “A systems-thinking driven approach to investigate the contribution of metabolic derangements due to aminoacid deprivation in driving genomic instability in mantle cell lymphoma”

**November 2016**, 2017 Brian D. Novis Junior Research Award (1-yr, 50,000 dollars, PI)

**June 2015-April 2017** Non-clinical Research Grant Recipient-ITA-051 funded by Celgene *Exploiting Ikaros and Aiolos in controlling MDSC expansion in Multiple Myeloma*

**February 2014**, RF-2010-2318830, granted by Health Minister (Ricerca Finalizzata 2011-2012)

**From December 2012 to September 2014** RG ITA-003 - PO 3517441 funded by Celgene (Non-clinical Research Grant Recipient, 2-yrs, 30,000 euro): *Evaluation of pro-survival pathways, included autophagy, in high-risk MDS bone marrow after treatment with 5-azacitidine to restore normal hematopoiesis*

**From August 2010 to October 2011** M-190 funded by Celgene (Non-clinical Research Grant Recipient, 20,000 euro, 2-yrs-sub-investigator): *Molecular karyotype, including CNV and LOH evaluation, and multiplexed signal pathway profiling to individualize therapy in myelodysplastic syndrome (MDS)*

### **AWARDS AND RECOGNITIONS**

**October 2019**, selected for the SIE-ASH VICR (Visiting International Clinical Researcher Program)

**October 2019** Selected as participant of EHA Master Class 2019-2020

**November 2018** Borsa di perfezionamento SIES

**November 2018** ASH Abstract Achievement Award

**April 2018** Best abstract- EMN conference on Multiple Myeloma

**December 2017** Research Fellowship Collegio Ghislieri- Annual Grant Recipient

**December 2017** Young Investigator Programme 2018- Fondazione Veronesi- Annual Grant Recipient

**November 2017** ASH Abstract Achievement Award

**September 2017** Travel grant for the SOHO annual meeting, Houston, US

**December 2016** Young Investigator Programme 2015- Fondazione Veronesi- Annual Grant Recipient

**November 2016** Post-doc Programme Università Vita Salute San Raffaele, Annual Grant Recipient

**October 2016** Borsa di perfezionamento SIES

**June 2016** Travel grant for the SOHO annual meeting, Houston, US

**May 2016** Borsa di studio residenziale- Fondazione MINTAS- Collegio Ghislieri - Pavia

**February 2016** Premio Le Eccellenze Catanesi, Kiwanis

**November 2015** Under 40 Hematology Contest 4 edition-finalist

**November 2015** Premio Ercole Brusamolino 2015 Recipient, FIL (Fondazione Italiana Linfomi) for the best paper on Hodgkin's Lymphoma

**October 2015** Travel Grant Recipient for EHA Hematology Tutorial on Anemia of Chronic Disease and Myelodysplastic Syndromes

**June 2015** Travel Grant Recipient for EHA Annual Conference

**June 2015** Selected as participant of EHA Master Class 2015-2016

**April 2015** Annual Grant Recipient Fondazione Chianello, Palermo

**May 2015** Borsa di studio residenziale- Fondazione MINTAS- Collegio Ghislieri - Pavia

**November 2014** Young Investigator Programme 2015- Fondazione Veronesi- Annual Grant Recipient

**November 2014** Under 40 Hematology Contest 3 edition-finalist

**February 2014** AA&MDSIF Young Investigator Travel Support for AA&MDSIF 2014 Bone Marrow Failure Disease Scientific Symposium

**December 2013** Celgene 2013 Future Leaders Award for Clinical Research in Hematology Recipient

**November 2013** Under 40 Hematology Contest 2 edition-finalist

**April 2013** Borsa di studio residenziale- Fondazione MINTAS- Collegio Ghislieri - Pavia

**March 2013** Youngest Researcher 2013- Fondazione Veronesi

**November 2012** Young Investigator Programme 2013- Fondazione Veronesi- Annual Grant Recipient

**November 2012** Under 40 Hematology Contest 1 edition-finalist

**October 2012** Travel Grant Recipient for XII SIES Conference

**June 2012** Travel Grant Recipient for EHA Annual Conference

**April 2012** Borsa di studio residenziale- Fondazione MINTAS- Collegio Ghislieri - Pavia

**March 2012** AA&MDSIF Young Investigator Travel Support for AA&MDSIF 2012 Bone Marrow Failure Disease Scientific Symposium

**June 2011** Travel Grant Recipient for EHA Annual Conference

**October 2010** Travel Grant Recipient for XI SIES Conference

**January 2010** PhD Scholarship at University of Catania- Scuola Superiore di Catania

**May 2009** PREMIO DI LAUREA MASSIMINO

**April 2004** Team leader in 8<sup>th</sup> Student ESA parabolic flight campaign (first 25 selected in Europe and Canada)

**February 2002** Medaglia al merito del lavoro for outstanding high school career.

**October 2001** University Scholarship at Scuola Superiore di Catania

**October 2001** Alfiere del Lavoro Award- President of Italian Republic Prize to first 25 students selected in Italy for outstanding high school career.

### **SCIENTIFIC SOCIETY MEMBERSHIP**

**AACR**, American Association for Cancer Research, since 2016, membership # 294326

**EHA**, European Haematology Association, since 2010, membership # 008089

**ASH**, American Society of Hematology, since 2013, membership # 1038879

**SIE**, Società Italiana di Ematologia, since 2010

**SIES**, Società Italiana di Ematologia Sperimentale, since 2010

**SOHO**, Society of Oncology and Hematology, since 2016

To date, I have published 76 articles in international refereed journals, gathering 1145 citations, 15 Conference Proceedings, communicated 185 abstracts in around 30 national/international conferences/schools, presented more than 20 invited and contributed talks, communicated and shown more than 30 poster presentations in national and international meetings/workshops.

H index: 16, citations 1145 (Source: Scopus, May, 2020).