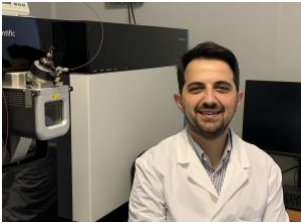


PERSONAL INFORMATION

Alessio Grimaldi



Gender M | Date of birth 19/08/1985 | Nationality Italian

✉ alessio.grimaldi@uniroma1.it

WORK EXPERIENCE AND RESEARCH

September 2020 - today

Research Fellow

Proteomic and metabolomic unit in Molecular Immunology and Immunopathology lab. Head of research group Prof. Silvano Sozzani, Dep. of Molecular Medicine, Sapienza University of Rome.

April 2020 – July 2020

Research Fellow

Immunology Lab. Head of research group Prof. Vincenzo Barnaba. Department of Internal Medicine, Anaesthesiology and Cardiovascular Sciences, Sapienza University of Rome.

April 2019 – March 2020

Research Fellow

Immunology Lab. Head of research group Prof. Vincenzo Barnaba. Dep. of Internal Medicine and Medical Specialties, Sapienza University of Rome.

January 2019 – March 2019

Research Scholarship Pasteur Institute Italy

Immunology Lab. Head of research group Prof. Vincenzo Barnaba. Dep. of Internal Medicine and Medical Specialties, Sapienza University of Rome.

January 2018 – December 2018

Research Fellow

Immunology Lab. Head of research group Prof. Vincenzo Barnaba. Dep. of Internal Medicine and Medical Specialties, Sapienza University of Rome.

November 2017– December 2017

Research Scholarship Pasteur Institute Italy

Immunology Lab. Head of research group Prof. Vincenzo Barnaba. Dep. of Internal Medicine and Medical Specialties, Sapienza University of Rome.

EDUCATION AND TRAINING

November 2014 – October 2017

PhD in Life Sciences (XXX° cycle), Sapienza University of Rome

Title of the thesis: "Discovery of new chemotherapy-associated antigens (TAAs) induced by immunogenic cell death in NSCLC with a reverse tumor immunology strategy".

Principal Investigator: Vincenzo Barnaba

PhD defense: 12th February 2018.

October 2014

Master's degree in Genetics and molecular biology in biomedical and basic research

Sapienza University of Rome

▪ Vote: 110/110 with honors

June 2013 – October 2014

Experimental thesis: Structural Study of High Density Lipoproteins (HDL) in HIV positive patients by quantitative proteomics: implications for dyslipidaemia associated with infection - Istituto Nazionale per le Malattie infettive "Lazzaro Spallanzani", Rome.

Supervisor: Prof. Marco Tripodi (Dep. Cellular Biotechnology and Hematology – Sapienza University of Rome).

June 2012

Bachelor's degree in biological sciences

Sapienza University of Rome

▪ Vote: 103/110

Thesis: Serpine Folding alterations: deficiency of alpha-1 antitrypsin and related pathologies.

Supervisor: Prof. Maria Elena Miranda Banos (Dep. of Biology and Biotechnology Charles Darwin - Sapienza University of Rome).

ADDITIONAL INFORMATION

Bibliometric indicators

H-Index: 4 (Scopus database)

Number of publications: 7

Number of citations: 118

Publications

Giuseppe Pietropaolo, Gianluca Scarno, Helena Stabile, **Alessio Grimaldi**, Angela Gismondi, Angela Santoni, Giuseppe Sciumè.

NK cell and ILC heterogeneity in colorectal cancer. New perspectives from high dimensional data. *Molecular Aspect of Medicine* 2021 May 01. <https://doi.org/10.1016/j.mam.2021.100967>.

Daniela Gallerano, Selina Ciminati, **Alessio Grimaldi**, Silvia Piconese, Ilenia Cammarata, Chiara Focaccetti, Ilenia Pacella, Daniele Accapezzato, Francesco Lancellotti, Luca Sacco, Roberto Caronna, Ombretta Melaiu, Doriana Fruci, Valentina D'Oria, Emy Manzi, Andrea Sagnotta, Chiara Parrino, Diego Coletta, Giovanna Peruzzi, Valentina Terenzi, Andrea Battisti, Andrea Cassoni, Maria Teresa Fadda, Stefania Brozzetti, Katia Fazi, Gian Luca Grazi, Valentino Valentini, Piero Chirletti, Antonella Polimeni, Vincenzo Barnaba, Eleonora Timperi.

Genetically-driven CD39 expression shapes human tumor-infiltrating CD8+ T cell functions. *Int J Cancer*. 2020. <https://doi.org/10.1002/ijc.33131>

Alessio Grimaldi, Ilenia Cammarata, Carmela Martire, Chiara Focaccetti, Silvia Piconese, Marta Buccilli, Carmine Mancone, Federica Buzzacchino, Julio Rodrigo Giron Berrios, Nicoletta D'Alessandris, Silverio Tomao, Felice Giangaspero, Marino Paroli, Rosalba Caccavale, Gian Paolo Spinelli, Gabriella Girelli, Giovanna Peruzzi, Paola Nisticò, Sheila Spada, Mariangela Panetta, Fabiana Letizia Cecere, Paolo Visca, Francesco Facciolo, Flavia Longo & Vincenzo Barnaba.

Combination of chemotherapy and PD-1 blockade induces T cell responses to tumor non-mutated neoantigens. *COMMUNICATIONS BIOLOGY* (2020) 3:85 <https://doi.org/10.1038/s42003-020-0811-x>.

Guido Carpino; Diletta Overi; Fabio Melandro; **Alessio Grimaldi**; Vincenzo Cardinale; Sabina Di Matteo; Gianluca Mennini; Massimo Rossi; Domenico Alvaro; Vincenzo Barnaba; Eugenio Gaudio; Carmine Mancone.

Matrisome analysis of intrahepatic cholangiocarcinoma unveils a peculiar cancer-associated extracellular matrix structure. *Clin Proteomics*. 2019 Oct 30;16:37. doi: 10.1186/s12014-019-9257-x. eCollection 2019.

Valeria Schinzari, Eleonora Timperi, Giulia Pecora, Francesco Palmucci, Daniela Gallerano, **Alessio Grimaldi**, Daniela Angela Covino, Nicola Guglielmo, Fabio Melandro, Emy Manzi, Andrea Sagnotta, Francesco Lancellotti, Luca Sacco, Piero Chirletti, Gian Luca Grazi, Massimo Rossi, and Vincenzo Barnaba.

Wnt3a/b-Catenin Signaling Conditions Differentiation of Partially Exhausted T-effector Cells in Human Cancers. *Cancer Immunol Res*. 2018 Jul 17. DOI:10.1158/2326-6066.CIR-17-0712.

Carmine Mancone, **Alessio Grimaldi**, Giulia Refolo, Isabella Abbate, Gabriella Rozera, Dario Benelli, Gian Maria Fimia, Vincenzo Barnaba, Marco Tripodi, Mauro Piacentini, Fabiola Ciccocanti.

Iron overload down-regulates the expression of the HIV-1 Rev cofactor eIF5A in infected T lymphocytes. Proteome Science, DOI 10.1186/s12953-017-0126-0. 2017 15:18.

Andrea Baiocchini, Claudia Montaldo, Alice Conigliaro, **Alessio Grimaldi**, Virginia Correani, Francesco Mura, Fabiola Ciccocanti, Nicolina Rotiroti, Alessia Brenna, Marzia Montalbano, Gianpiero D'Offizi, Maria Rosaria Capobianchi, Riccardo Alessandro, Mauro Piacentini, Maria Eugenia Schininà, Bruno Maras, Franca Del Nonno, Marco Tripodi, Carmine Mancone.

Extracellular Matrix Molecular Remodeling in Human Liver Fibrosis Evolution. PLOS ONE |DOI: 10.1371/journal.pone.0151736 March 21, 2016.

Conferences /
Seminars

- Munich 10-13 September 2019 – II Joint Meeting SIICA and DGfI
- Bari 28-31 May 2017 – XI National congress of the Italian society of immunology, clinical immunology and allergology.
- Bari 26-28 May 2017 – SIICA School of Immunology.
- Napoli 28 September, 31 October – International retreat of PhD students in immunology.
- Abano Terme 25-28 May 2016 – X National congress of the Italian society of immunology, clinical immunology and allergology.

Membership

SIICA member – Società Italiana Immunologia, Immunologia clinica e Allergologia