



## MARIA CATERINA ROTIROTI

Postdoctoral Scholar, Hematology-Oncology

### Bio

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#### HONORS AND AWARDS

- Postdoctoral Fellowship, Maternal & Child Health Research Institute (MCHRI) (2021-2022)
- Postdoctoral Fellowship, American Italian Cancer Foundation (AICF) (2020-2021)
- Beat Leukemia Fellowship, Societa' Italiana di Ematologia Sperimentale (SIES) (2018 –2019)
- PhD Fellowship, Translational and Molecular Medicine program, University of Milano-Bicocca, Italy (2015-2018)
- Post-graduate Fellowship, “M. Tettamanti” Research Center, Monza, Italy (2015)

#### PROFESSIONAL EDUCATION

- PhD, University of Milano-Bicocca Milano, Italy , Translational and Molecular Medicine (2019)
- MS, University of Milano-Bicocca Milano, Italy , Medical Biotechnology (2015)
- BS, Magna Graecia University, Catanzaro, Italy , Biotechnology (2012)

#### STANFORD ADVISORS

- Robbie Majzner, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **CAR T cells with dual targeting of CD19 and CD22 in adult patients with recurrent or refractory B cell malignancies: a phase 1 trial.** *Nature medicine*  
Spiegel, J. Y., Patel, S., Muffly, L., Hossain, N. M., Oak, J., Baird, J. H., Frank, M. J., Shiraz, P., Sahaf, B., Craig, J., Iglesias, M., Younes, S., Natkunam, et al  
2021
- **Targeting CD33 in Chemoresistant AML Patient-Derived Xenografts by CAR-CIK Cells Modified with an Improved SB Transposon System** *MOLECULAR THERAPY*  
Rotiroti, M., Buracchi, C., Arcangeli, S., Galimberti, S., Valsecchi, M., Perriello, V., Rasko, T., Alberti, G., Magnani, C., Cappuzzello, C., Lundberg, F., Pande, A., Dastoli, et al  
2020; 28 (9): 1974–86
- **Balance of Anti-CD123 Chimeric Antigen Receptor Binding Affinity and Density for the Targeting of Acute Myeloid Leukemia** *MOLECULAR THERAPY*  
Arcangeli, S., Rotiroti, M., Bardelli, M., Simonelli, L., Magnani, C., Biondi, A., Biagi, E., Tettamanti, S., Varani, L.  
2017; 25 (8): 1933–45
- **Acute Myeloid Leukemia Targeting by Chimeric Antigen Receptor T Cells: Bridging the Gap from Preclinical Modeling to Human Studies** *HUMAN GENE THERAPY*  
Rotiroti, M., Arcangeli, S., Casucci, M., Perriello, V., Bondanza, A., Biondi, A., Tettamanti, S., Biagi, E.  
2017; 28 (3): 231–41