

## CV Cristina Barbagallo, Premio Tarone under 35, Ferrara 2018

- **Family name, first name**  
Barbagallo Cristina
- **Researcher unique identifiers:**  
ORCID: 0000-0002-6769-4516  
Scopus Author ID: 56734293400
- **Current position:**  
Research Fellow at the Department of Biomedical and Biotechnological Sciences, University of Catania, via Santa Sofia 97, 95123, Catania, Italy. Email: cbarbagallo@unict.it
- **Education:**  
Ph.D. in Translational biomedicine, University of Catania (2017)  
Master of Science Degree in Cellular and Molecular Biology, University of Catania, 110/110, Cum laude (2013)  
Bachelor Degree in Biological Sciences, University of Catania, 110/110, Cum laude (2011)
- **Previous Positions:**  
Research Fellow at the Department of Clinical and Experimental Medicine, University of Catania, via Santa Sofia 89, 95123, Catania, Italy (2019-2021)  
Research Scholarship at the Department of General Surgery and Medical-Surgical Specialties, University of Catania, via Santa Sofia 78, 95123, Catania, Italy
- **Awards and Honors**  
“Guido Tarone” Award for Young Researchers (under 35) awarded by Associazione Italiana Biologia e Genetica Generale e Molecolare (A.I.B.G.)
- **Publications:**  
Number of publications: 44 (updated to 24/02/2025)  
Scopus H-index: 24 (updated to 24/02/2025)  
5 selected publications:
  1. Maugeri M\*, Barbagallo D\*, **Barbagallo C\***, Banelli B, Di Mauro S, Purrello, Magro G, Ragusa M, Di Pietro C, Romani M, Purrello M. Altered expression of miRNAs and methylation of their promoters are correlated in Neuroblastoma. *Oncotarget*. 2016; 7:83330-83341. \*: equal contribution
  2. **Barbagallo C**, Brex D, Caponnetto A, Cirnigliaro M, Scalia M, Magnano A, Caltabiano R, Barbagallo D, Biondi A, Cappellani A, Basile F, Di Pietro C, Purrello M, Ragusa M. LncRNA UCA1, upregulated in CRC biopsies and downregulated in serum exosomes, controls mRNA expression by RNA-RNA interactions. *Mol Ther Nucleic Acids*. 2018 Sep 7;12:229-241. doi: 10.1016/j.omtn.2018.05.009.
  3. **Barbagallo C\***, Passanisi R\*, Mirabella F, Cirnigliaro M, Costanzo A, Lauretta G, Barbagallo D, Bianchi C, Pagni F, Castorina S, Granata A, Di Pietro C, Ragusa M, Malatino L, Purrello M. Upregulated microRNAs in membranous glomerulonephropathy are associated with significant downregulation of IL6 and MYC mRNAs. *J Cell Physiol*. 2019 Aug;234(8):12625-12636. doi: 10.1002/jcp.27851. \*: equal contribution.
  4. **Barbagallo C**, Caltabiano R, Broggi G, Russo A, Puzzo L, Avitabile T, Longo A, Reibaldi M, Barbagallo D, Di Pietro C, Purrello M, Ragusa M. LncRNA LINC00518 Acts as an Oncogene in Uveal Melanoma by Regulating an RNA-Based Network. *Cancers (Basel)*. 2020 Dec 21;12(12):3867. doi: 10.3390/cancers12123867.
  5. **Barbagallo C**, Di Maria A, Alecci A, Barbagallo D, Alaimo S, Colarossi L, Ferro A, Di Pietro C, Purrello M, Pulvirenti A, Ragusa M. VECTOR: An Integrated Correlation Network Database for the Identification of CeRNA Axes in Uveal Melanoma. *Genes (Basel)*. 2021 Jun 29;12(7):1004. doi: 10.3390/genes12071004.
- **Research Interests and major collaboration:**  
Involvement of non-coding RNAs in cellular and molecular disease processes.  
Active collaborations with: Institute of Crystallography – National Council of Research (CNR) (Catania), University of Naples Federico II (Napoli), Sapienza University (Rome), Bambino Gesù Children’s Hospital (Rome), Universidad de Granada (Granada, Spain), Destina Genomica SL (Granada, Spain), San Martino Hospital (Genova).