

**FONDAZIONE IRCCS CA' GRANDA OSPEDALE MAGGIORE POLICLINICO
FONDAZIONE ISTITUTO NAZIONALE DI GENETICA MOLECOLARE-INGM**

FINAL RANKING 2013 GRANT IN MOLECULAR MEDICINE

	Project Title	Total score
1. Valentina Vaira, PhD	Glioma stem-cell niche targeting through bioenergetics destabilization: a novel mechanism to inhibit glioma recurrence	21/25
2. Monica Nizzardo, PhD	Investigation of RNA metabolism alterations in ALS/FTLD to provide insight in the disease mechanism and development of therapeutic strategies	20/25
3. Luca Vittorio Valenti, MD	Telomerase mutations and rare genetic variants as a cause of hepatocellular carcinoma: frequency, contributing factors, and therapeutic implications	19/25
4. Samantha Bosis, MD	Role of transcription factor Nrf2 in innate and adaptive immune responses in pediatric respiratory viral infections	18/25
Giovanna Mantovani, MD, PhD	Clinical and molecular determinants in Pseudohypoparathyroidism and Albright's hereditary osteodystrophy: investigation of novel candidate genes and elaboration of a new classification of GNAS-related diseases	18/25
Dario Ronchi, PhD	Next generation sequencing approach to unravel molecular causes of mitochondrial disorders	18/25
5. Luca Andrea Lotta, MD, PhD	GENetic risk factors for cerebral sinovenous thromboSIS (GENESIS): an exome sequencing association study	17/25
Giovanni Marfia, MD, PhD	Identification of molecular mechanisms and drug inhibitors through a biotech lab-on-chip (loc) platform and nanoparticles target therapy for translational approach in glioblastoma multiforme	17/25
6. Luca Elli, MD, PhD	Role of fibroblasts in the pathogenesis of dermatitis herpetiformis and celiac disease	16/25
Enrico Ragni, PhD	Molecular characterization of exosomes from different human mesenchymal stem cells as pre-clinical tool in regenerative medicine	16/25
7. Flavio Caprioli, MD, PhD	Role of GM-CSF and alternative Th17 cells in the pathogenesis of inflammatory bowel diseases	15/25
Federica Di Bernardino, MD	Gene analysis of hearing loss: new diagnostic methods	15/25
8. Irene Campi, MD	Organotypic culture of orbital adipose tissue and thyroid as a tool for drug discovery and for physio-pathological studies, in autoimmune thyroid disorders (AITD) and associated orbitopathy (GO)	14/25
Elena Di Pierro, PhD	Next-generation sequencing to study the penetrance of dominantly inherited porphyrias	14/25
9. Francesca Cortini, PhD	Ehlers-Danlos syndrome: in vivo and in vitro functional-genomic approach for identification and characterization of molecular basis of the pathology	10/25
Debora Lattuada, PhD	Innovative non-invasive prenatal diagnosis of foetal cells in maternal blood by next-generation sequencing	10/25
Ilaria Mancini, PhD	Causative autoantigens in acquired thrombotic thrombocytopenic purpura	10/25
Anna Mondini, PhD	Defining the function of metabotropic glutamate receptor 1 in podocytes to understand and treat podocyte injury in idiopathic steroid-resistant focal segmental glomerulosclerosis	10/25
Daniela Piga, PhD	Next generation sequencing analysis in an Italian cohort of patients affected by Congenital Myopathy	10/25