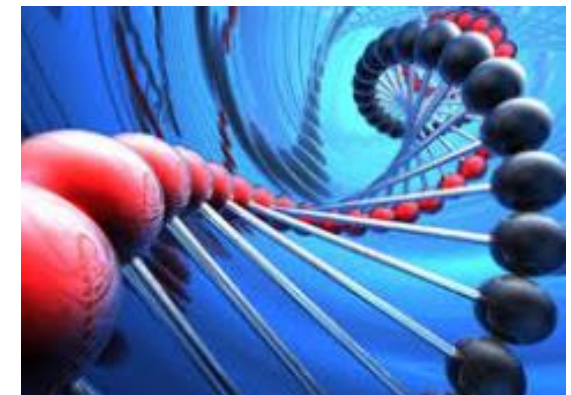




**Università degli Studi di Catania**  
**Dottorato di Ricerca in BioMedicina Traslazionale**  
**UOC di Neuropsichiatria Infantile AOU Policlinico-OVE**  
**Dipartimento di Scienze Mediche e Pediatriche**  
**Unità di BioMedicina Molecolare, Genomica**  
**e dei Sistemi Complessi**  
**Dipartimento *Gian Filippo Ingrassia***

**The meeting has been accredited to provide:**

- **7 CME credits (N° provider: 405-1403) for professionals**
- **0,5 credits for medical students**



***WORKSHOP ON MOLECULAR BASES  
OF PSYCHIATRIC DISEASES***

**9 Luglio 2014**

**Aula Magna  
Scuola Superiore “Villa San Saverio”  
Via Valdisavoia 9,  
Catania**

## WORKSHOP ON MOLECULAR BASES OF PSYCHIATRIC DISEASES

Understanding the molecular working of the brain is one of most appealing frontiers in contemporary biomedical research, both for its scientific potential as for its critical translational implications. One approach to obtain this knowledge is the characterization of the molecular bases of pathological phenotypes. It is easy to foresee that success in this as in many other fields of medicine will come from a tight collaboration among researchers involved in clinical and laboratory studies. this workshop will be centred on a lecture by prof Flora Vaccarino (Yale University, USA) and will feature reports by researchers from the University of Catania involved in both clinical and laboratory studies.

**Honorary President:**  
*L. Pavone (Catania)*

**Ore 9:00-9.30 – Registration**

**Ore 9.30-10.00 – Introduction E. Aguglia, A Palmeri, M. Purrello, R. Rizzo**

Chair: C. Di Pietro, M Ragusa

**10.00-10.20** -- Clinical characterization of Vascular Dementia patients (R. Spada, IRCSS OASI Maria SS, Troina, EN)

**10.20-10.40** -- Characterization of specific miRNAs serum profiles in Vascular Dementia patients and their translational implications (L. Tamburello, University of Catania, Catania)

**10.40-11.00** -- Glycomics of central nervous system diseases (R. Barone, University of Catania, Catania)

**11.00-11.20** -- Metabolic profiles in patients with Tourette Syndrome (M. Gulisano, University of Catania, Catania)

**11.20-11.40** -- MiRNAs serum profiles in patients with Tourette Syndrome: biomolecular data and their clinical implications. (M. Ragusa, C. Barbagallo, University of Catania, Catania)

**11.40-12.00: Discussion**

**12.00-13.00 *Lectio Magistralis***

**12.00-12.10** : Introduction (L. Malatino, University of Catania, Catania)

**12.10-13.00** :Transcriptome analysis of the human striatum in Tourette Syndrome (F. Vaccarino, Yale University, USA)

## RELATORI E MODERATORI

**Aguglia Eugenio** *U.O.C. Psichiatria A.O.U. Policlinico-OVE, Università di Catania, Italy*

**Barbagallo Cristina** *Molecular, Systems and Genome BioMedicine Unit, Department Gian Filippo Ingrassia, University of Catania, Catania, Italy*

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**Gulisano Mariangela** *U.O.C. N.P.I. A.O.U. Policlinico-OVE, Università di Catania, Italy*

**Malatino Lorenzo** *UOC Clinica Medica, Ospedale Cannizzaro, Università di Catania, Italy*

**Palmeri Agostino** *Presidente Corso di Laurea Magistrale in Medicina e Chirurgia, Università di Catania*

**Pavone Lorenzo** *già direttore Pediatria A.O.U. Policlinico-OVE, Università di Catania*

**Purrello Michele** *Molecular, Systems and Genome BioMedicine Unit, Department Gian Filippo Ingrassia, University of Catania, Catania, Italy*

**Ragusa Marco** *Molecular, Systems and Genome BioMedicine Unit, Department Gian Filippo Ingrassia, University of Catania, Catania, Italy*

**Rizzo Renata** *U.O.C. N.P.I. A.O.U. Policlinico-OVE, Università di Catania*

**Spada Rosario**, *IRCSS OASI Maria SS, Troina, EN*

**Tamburello Lucia** *Molecular, Systems and Genome BioMedicine Unit, Department Gian Filippo Ingrassia, University of Catania, Catania, Italy*

**Vaccarino Flora** *Developmental Neurobiology Laboratory, Yale University School of Medicine, New Haven, CT, USA*