



Dr Giuseppina Andreotti

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Dr. Giuseppina Andreotti received her Ph.D. in Biochemistry from the University of Naples Federico II in 1996; then she joined the Institute of Biomolecular Chemistry (ICB, formerly Istituto per la Chimica delle Molecole di Interesse Biologico, CNR) with a research fellowship position. She was appointed as a permanent member of ICB in 2001.

Her research interests are mainly in the field of protein chemistry. Her laboratory is currently working on proteins responsible for few rare diseases (Fabry disease, CDG) in order to identify/develop new drugs to treat these diseases. For this purpose structural and functional characterization studies are performed. Her work in the field of CDG is focused on PMM2-CDG.

Actually she is a basic scientist; she is looking for molecules that enhance residual activity of the mutant PMM2. These molecules can have an immediate impact for PMM2-CDG patients, if they are identified among drugs already approved for other pathologies, otherwise they should go through clinical trials. She is also very committed to divulgation and public engagement activities and she is member of PREDIR, Public relations with the territory, results dissemination and scientific formation (one of the Institute Services of Common Interest within the ICB).