

Ubalдина Galli

PERSONAL DATA

Born in Turin, resident in Castagneto Po (Turin).

BIO AND EDUCATION

1992 – 1995: Ph.D. in Medicinal Chemistry, School of pharmacy, Dipartimento di scienza e tecnologia del farmaco, Università degli studi di Torino. Advisor: Prof. A. Gasco. Thesis title: "Design and synthesis of water soluble furoxan derivatives as no prodrugs".

1992: professional chemist (national board of chemists), state exam to become licensed chemist, Università degli studi di Torino.

1988 – 1992: University degree in Pharmacy, Università degli studi di Torino. Advisor: Prof. A. Gasco. Thesis title: "Study of potential vasodilatory agents". Mark: 110/110 *cum laude*.

UNIVERSITY CAREER

2000-	Assistant Professor in Medicinal Chemistry (Researcher), Dipartimento Scienze del Farmaco, Università del Piemonte Orientale
1996-2000	Chemical laboratory technician, School of Pharmacy, Università del Piemonte Orientale

UNIVERSITY POSITIONS

2016	Member of the review in the Committee on Research for Dipartimento Scienze del Farmaco
2015-	Elected member for giunta of Dipartimento Scienze del Farmaco
2012-2015	Elected member for giunta of Dipartimento Scienze del Farmaco
2005-2008	Elected member for giunta of Dipartimento Scienze del Farmaco

SCIENTIFIC POSITIONS

2013-	Member of the Italian Chemical Society Division of Medicinal Chemistry
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MAIN FIELDS OF INTEREST

1. NAMPT
2. PI3Ks
3. antitubulin
4. TRPM8

CURRENT ISSUES OF RESEARCH

1. Design and Synthesis of Nicotinamidephosphoribosyltransferase inhibitors as potential antitumoral drugs.
2. Design and Synthesis of selective PI3Ks inhibitors as potential antitumoral drugs.
3. Design and Synthesis of antitubulin compounds as potential antitumoral and antiangiogenic drugs.
4. Discovery of TRPM8 modulators (agonists and antagonists).

TOP FIVE PAPERS

1. Ubaldina Galli, Emanuela Ercolano, Lorenzo Carraro, Cintia R. Blasi Roman, Giovanni Sorba, Pier Luigi Canonico, Armando A. Genazzani, Gian Cesare Tron, Richard A Billington; "Synthesis and biological evaluation of isosteric analogues of FK866, an inhibitor of NAD salvage", *ChemMedChem* 2008, 3, 771-779
2. Giampiero Colombano, Cristina Travelli, Ubaldina Galli, Antonio Caldarelli, Maria Giovanna Chini, Pier Luigi Canonico, Giovanni Sorba, Giuseppe Bifulco, Gian Cesare Tron, Armando A. Genazzani; "A Novel Potent Nicotinamide Phosphoribosyltransferase Inhibitor Synthesized via Click Chemistry", *Journal of Medicinal Chemistry* 2010, 53(2), 616-623
3. Ubaldina Galli, Ornella Mesenzani, Camilla Coppo, Giovanni Sorba, Pier Luigi Canonico, Gian Cesare Tron, Armando A. Genazzani, "Identification of a sirtuin 3 inhibitor that displays selectivity over sirtuin 1 and 2", *European Journal of Medicinal Chemistry* 2012, 55, 58-66
4. Galli Ubaldina, Travelli Cristina, Massarotti Alberto, Fakhfour Gohar, Rahimian Reza, Tron Gian Cesare, Genazzani Armando A., "Medicinal Chemistry of Nicotinamide phosphoribosyltransferase (NAMPT) inhibitors", *Journal of Medicinal Chemistry* 2013, 56, 6279-6296
5. Galli Ubaldina, Travelli Cristina, Aprile Silvio, Arrigoni Elena, Torretta Simone, Grosa Giorgio, Massarotti Alberto, Sorba Giovanni, Canonico Pier Luigi, Genazzani Armando A., Tron Gian Cesare, "Design, Synthesis and Biological Evaluation of Combretabenzodiazepines: a Novel Class of Antitubulin Agents", *Journal of Medicinal Chemistry* 2015, 58, 1345-1357

AWARDS

1. Prize for the best thesis in Pharmacy 1992, Università degli studi di Torino.