

Dr. med. ELISABETTA GAZZERRO

2017 - now *Senior Medical Consultant and Scientist* of Charité Outpatient Clinic for Muscle Disorders, Experimental and Clinical Research Center Charité Universitätsmedizin and Max Delbrück Center for Molecular Medicine; Berlin, Germany

Experience and Training

2017 Habilitation in Pediatric Sciences, Italian Ministry of University and Research, Italy

2006 - 2016 Senior Clinical Scientist, Unit of Muscular and Neurodegenerative Diseases, G. Gaslini Institute, Genoa, Italy

2004 - 2005 Assistant Professor of Medicine, Dept. of Medicine, University of Connecticut and Health Center, Hartford, CT, USA

2001 - 2004 Instructor of Medicine, Dept. of Medicine, University of Connecticut and Health Center, Hartford, CT, USA
Mentor: Prof. Ernesto Canalis

2001 - 2005 Visiting Scientist, Dept. of Functional Genomics, Regeneron Pharmaceuticals Inc., Tarrytown, NY, USA
Mentor: Dr. Aris Economides

2000 - 2001 Post-Doctoral Fellow, Dept. of Research, Saint Francis Hospital-Medical Center, Hartford, CT, USA
Mentor: Prof. Ernesto Canalis

1999 - 2000 Clinical Researcher, University of Genoa/ SmithKline Beecham, Milan, Italy

1997 - 1998 Post-Doctoral Fellow, Dept. of Research, Saint Francis Hospital-Medical Center, Hartford, CT, USA
Mentor: Prof. Ernesto Canalis

1995 - 2000 Residency in Endocrinology and Metabolic Disorder, 50/50 summa cum laude , Dept. of Internal Medicine, University of Genova, Genova, Italy
Mentor Prof. Francesco Minuto

1989 - 1995 Medical School, 110/110 summa cum laude, University of Genova, Genova, Italy

Grants & Awards (selected)

2020	Doctoral Degree (PhD) in Medicine, Charité University, Berlin, Germany Mentor: Prof. Dr. Simone Spuler
2020 - 2021	BIH GENDER EQUALITY FUND, Berlin Institute of Health “Interleukin 17: a new target for muscular dystrophies”
2019 - 2020	BIH ACCELERATOR, Berlin Institute of Health “Game-based robotics for muscular dystrophies”
2017	Habilitation in Pediatric Sciences, Italian Ministry of University and Research, Italy
2017 - 2020	RICERCA FINALIZZATA Ministero della Salute “Pharmacological induction of regulatory T cells in dystrophin and sarcoglycan deficient muscular dystrophies”
2015 - 2017	Young Researcher Grant, Fondazione Cariplo “Cardiac and skeletal caveolinopathies: a molecular and functional ANALYSIS of alterations in membrane Excitability/CHANNEL”
2012 - 2013	RESEARCH GRANT, Telethon “Drug discovery for dystroglycanopathies via LARGE promoter activation screening”.

Publications

(5 selected; AG Spuler publications since 2010 listed on the website)

- (1) **Gazzerro E**, Baratto S, Assereto S, Baldassari S, Panicucci C, Raffaghello L, Scudieri P, De Battista D, Fiorillo C, Volpi S, Chaabane L, Malnati M, Messina G, Bruzzone S, Traggiai E, Grassi F, Minetti C, Bruno C. (2019) The Danger Signal Extracellular ATP Is Involved in the Immunomediated Damage of α -Sarcoglycan-Deficient Muscular Dystrophy. *Am J Pathol.* 2019; 189:354-369.
- (2) **Gazzerro E**, Baldassari S, Assereto S, Fruscione F, Pistorio A, Panicucci C, Volpi S, Perruzza L, Fiorillo C, Minetti C, Traggiai E, Grassi F, Bruno C. (2015) Enhancement of Muscle T Regulatory Cells and Improvement of Muscular Dystrophic Process in mdx mice by Blockade of Extracellular ATP/P2X Axis. *Am J Pathol.* 2015; 185:3349-60.
- (3) **Gazzerro E**, Assereto S, Bonetto A, Sotgia F, Bonuccelli G, Cilli M, Bruno C, Lisanti MP, Minetti C. (2010) Therapeutic potential of pharmacological proteasome inhibition in Duchenne and Becker Muscular Dystrophies. *Am J Pathol.* 2010; 176:1863-77.

- (4) **Gazzerro E**, Smerdel-Ramoya A, Zanotti S, Stadmeier L, Durant D, Economides AN, Canalis E. (2007) Conditional deletion of gremlin causes a transient increase in bone formation and bone mass. *J Biol Chem.* 2007; 282:31549-57.
- (5) **Gazzerro E**, Gangji V, Canalis E. (1998) Bone morphogenetic proteins induce the expression of noggin, which limits their activity in cultured rat osteoblasts. *J Clin Invest.* 1998; 12:2106-2114.

Teaching

2017 - present Master of Neuroscience, Charite Universitätsmedizin; Berlin, Germany