

Curriculum vitae and personal information

Name and Family name: Silvia Monticone

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Current position: Associate Professor of Internal Medicine at the University of Torino, Italy

Education

02.2016 PhD in Medical Physiopathology at the University of Torino, Italy

03.2013 Specialty in Internal Medicine (70/70 *cum Laude*) at the university of Torino, Italy.

10.2007 M.D. degree, University of Torino, Torino, Italy, with a final score of 110/110 *cum Laude* and honours.

Professional Experience

11-2014 Consultant at the Division of Internal Medicine 4 and Hypertension Unit,
present Department of Medical Sciences, University of Torino, Italy

Scientific activity

2019-2022 Research Scientist, type B, at the University of Torino (Italy)

2014-2019 Research Scientist, type A, at the University of Torino (Italy)

2013-2016 PhD student at University of Torino (Doctoral School of Physiopathology)

2011-2012 Fellowship at the Georgia Health Sciences University (Augusta, GA, USA), Physiology Department, in the laboratory directed by Prof. WE Rainey. Research activity was focused on the molecular mechanisms responsible for hyperaldosteronism in carriers of Kir3.4 (inward rectifying K⁺ channel) mutations.

Scientific interests: Clinical research: epidemiology, diagnosis and treatment of secondary hypertension, in particular primary aldosteronism. Basic research: mechanisms involved in autonomous aldosterone production and cell proliferation in aldosterone producing adenomas; genetic and genomic alterations in sporadic and familial hyperaldosteronism, in particular prevalence and functional characterization of KCNJ5, ATP1A1, ATP2B3 and CACNA1D mutations; monogenic forms of low renin hypertension; functional characterization of extracellular vesicles in primary aldosteronism; functional characterization of extracellular vesicles in patients undergoing dietary sodium modulation.

Other CV information: national and international collaborations, more than thirty oral communications at national and international meetings; referee of international journals; member of the editorial board of *Frontiers in Endocrinology*; member of the Italian Society of Hypertension (SIIA); member of the Italian Society for Extracellular Vesicles (EVITA).

Scientific publications:

Articles in international journals: 111; complete publication list at

<https://www.ncbi.nlm.nih.gov/pubmed/?term=monticone+s>

Total IF 988; H-index 41; citazioni Google scholar 7314