



Gender Medicine and Pharmacology

Guest Editors:

Dr. Sarah Allegra

Department of Clinical and
Biological Sciences, University of
Turin, 10124 Torino, Italy

sarah.allegra@unito.it

Dr. Silvia De Francia

Department of Clinical and
Biological Sciences, University of
Turin, 10124 Torino, Italy

silvia.defrancia@unito.it

Deadline for manuscript
submissions:

25 March 2022

Message from the Guest Editors

Regarding sex, differences in pathophysiology, disease incidence, drug pharmacodynamics/kinetics, response to treatment and related toxicity have been reported. However, several clinical trials have reported an underrepresentation of women, and, in clinical settings, data regarding sex are rarely reported. In women, factors such as body size and composition, hormonal variations, metabolism and access to care systems and therapy could strongly influence pharmacological management and treatment outcomes. In terms of the incidence and prevalence of many diseases, differences between the two sexes play an important role in terms of risk factors. The application of a gender approach from the beginning should be a pivotal tool to optimize treatment in each patient, for each condition.

The Special Issue “Gender medicine and pharmacology” will focus on differences at the molecular, cellular and genetic levels in terms of incidence, pathology, physiology and treatment between genders: male, female and genderfluid people. This Special Issue is open for basic to clinical research, or multi-disciplinary approaches.

