



## Personalizing Medicine by Sex, Gender and Hormonal Status: Progress, Opportunities and Challenges

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### Message from the Guest Editors

Dear Colleagues,

Biological sex, gender, and gonadal hormone status have a substantial influence on the incidence, prevalence, presentation, treatment response, and outcome of diverse disorders and pathologies across all medical fields. Despite increasing recognition of the importance of these variables, demographic data collected from patients and participants in clinical trials do not routinely include information on gonadal hormone status (e.g., puberty, stage of menstrual cycle, menopause, or andropause). In this Special Issue, practitioners and investigators in diverse fields of medicine summarize their experience and outline opportunities and challenges in the use of sex, gender, and gonadal hormone status to personalize and improve the diagnosis and treatment of conditions including diabetes, breast cancer, epilepsy, schizophrenia, and brain injury.

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