



## Non-classical Steroid Hormone Regulatory Mechanism

Guest Editors:

**Prof. Dr. Yuki Sugiura**

School of Medicine, Keio  
University, Tokyo, Japan

yuki.sgi@keio.jp

**Dr. Koshiro Nishimoto**

Department of Uro-Oncology,  
Saitama Medical University  
International Medical Center,  
Saitama, Japan

kn7961@5931.saitama-med.ac.jp

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### Message from the Guest Editors

Dear Colleagues,

The main mechanism of action of steroid hormones is considered to be the endocrine system, in which steroids are synthesized in endocrine organs under the control of the central nervous system and transported throughout the body to act on target cells. Recently, however, mechanisms of action other than the endocrine secretion of steroid hormones have been reported.

In this special issue, we will focus on the non-classical mechanisms of action of such steroid hormones. We will also focus on cases where the mode of action and the molecular species produced change depending on the disease. Also included in the scope are new techniques to visualize steroid hormones acting on the microenvironment of organs, and structural biology of synthetic enzymes (regioselective control of catalytic activity).

The goal is to deepen the discussion of new mechanisms of steroid production and mode of action, as well as their physiological effects, without being bound by conventional concepts, and aim for further development.

Prof. Dr. Yuki Sugiura  
Dr. Koshiro Nishimoto  
Guest Editors





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### Prof. Dr. Maurizio Battino

1. Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy  
2. International Research Center  
for Food Nutrition and Safety,  
Jiangsu University, Zhenjiang  
212013, China

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*International Journal of Molecular  
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MDPI, St. Alban-Anlage 66  
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