



Overcoming Biological Barriers: Importance of Membrane Transporters in Homeostasis, Disease, and Disease Treatment

Guest Editor:

Prof. Dr. Giuliano Ciarimboli

Experimental Nephrology,
Department of Internal Medicine
and Nephrology, Medical Clinic D,
University Hospital Münster,
48149 Münster, Germany

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Message from the Guest Editor

The flux of substances across the plasma membrane is important for cellular life. Many different substances (signal molecules, nutrients, metabolites, xenobiotics, drugs) use transport proteins (transporters) to overcome this biological barrier. Therefore, transport systems play an important role in maintaining homeostasis and in the handling of drugs. Changes in the function of transporter systems can impair homeostasis, cause disease or modify the efficacy of disease treatment with drugs. This Special Issue aims to collect the newest information on transporters, with a special focus on their function and regulation, their pathological roles and their importance for drug effects and unwanted side effects.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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