



Emerging Strategies in Drug Development and Clinical Care in the Era of Personalized and Precision Medicine

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Message from the Guest Editors

Dear Colleagues,

Modern medicine is going through an extremely important moment in its evolution in relation to the disease–drug–patient axis, gradually progressing from pure drug development, which initiates from the need to prevent or treat certain diseases, to the expansion of coherent therapeutic strategies which are personalized for each individual, in recognition of the fact that each patient is a distinct physio-pathological case. Remarkable advances in recent decades in the prevention strategies, diagnostic procedures and available treatments have paved the way to major improvements in patient care. Personalized medicine is approachable if comprehensive details are known about the pathogenesis; the therapeutic agents developed for the management of the pathology in question; the biochemical mechanisms of action of the drugs; the interactions of the drugs with each other and with other endogenous or exogenous factors; and the genetic and epigenetic background of the patient, their chronobiological, nutritional and socio-demographic characteristics.

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