

Topical Collection

The Utility of Biomarkers in Disease Management Approach

Message from the Collection Editors

The role of biomarkers in clinical decision making would be of greater significance for the identification, risk stratification, monitoring, and prognostication of patients in critical and acute care settings. There is no doubt that basic research to explore novel biomarkers in relation to pathogenesis is as important as its clinical counterpart. The challenges being faced at the moment include: Previously unknown biomarkers; Known biomarkers which have either has not been determined routinely or have been determined routinely but not been used for identifying responders for medicine “X”; Patient groups of responders which are different to the formerly treated groups; Patient groups of responders which overlap a) substantially or b) not substantially with the formerly treated groups; Patient groups of responders which are a) smaller or b) bigger subgroups of the formerly treated groups.

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Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/101352

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