

Special Issue

Flow Cytometry and Its Applications to Molecular Biology and Diagnosis 2.0

Message from the Guest Editors

Flow Cytometry is the most powerful technology to investigate antigen expression at single cell level, both in living and fixed cells as well as in subcellular bodies like exosomes. The recent evolution of optical benches for the analysis of fluorescence intensity combined with the new spectral cytometry has increased the performance towards an 18-signal analysis in the diagnostic lab. Thanks to multispectral technology, instruments with improved performance allow the number of parameters to increase beyond forty. We ask researchers and clinicians to suggest and prepare comprehensive reviews regarding the application of flow cytometry in the relevant molecular biology. Moreover, we are inviting colleagues interested in the main aspects of flow analysis applications to contribute to this Special Issue by submitting original research articles, short communications and comprehensive reviews.

Guest Editors

Prof. Dr. Stefano Papa

Prof. Dr. José-Enrique O'Connor

Prof. Dr. Claudio Ortolani

Dr. Paula Fernandez

Deadline for manuscript submissions

closed (30 January 2023)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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