

Special Issue

Microarrays in Non-Coding RNAs Profiling

Message from the Guest Editor

The presence of non-coding RNAs (ncRNAs) is firmly fixed in various fields to overturn the previous concepts of junk DNA and transcriptional noise. Many ncRNAs have been shown to be functional as in the case of microRNAs and more recent long non-coding RNAs. It is predicted that the number of ncRNAs well surpasses that of protein-coding genes as organisms become more complex. Given such complexity, it is suggested that ncRNAs could be a key to decipher yet unknown mechanisms of physiological processes and disease status. Although the emergence of next generation sequencing (NGS) technology revolutionized the way genomics and transcriptomics studies are conducted, the past generation technology microarray still outperforms NGS for its specificity and ease of data analysis. In this Special Issue, we would like to revisit the power of microarrays in ncRNAs profiling to facilitate further functional studies of exciting molecules that hold more functions to be discovered.

Guest Editor

Prof. Dr. Shizuka Uchida

Center for RNA Medicine, Department of Clinical Medicine, Aalborg University, Frederiksbjerg 10B, 2. (Building C), DK-2450 Copenhagen SV, Denmark

Deadline for manuscript submissions

closed (31 December 2017)

Microarrays

an Open Access Journal
by MDPI



mdpi.com/si/9474

Microarrays
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microarrays@mdpi.com

[mdpi.com/journal/
microarrays](https://mdpi.com/journal/microarrays)



Microarrays

an Open Access Journal
by MDPI



[mdpi.com/journal/
microarrays](https://mdpi.com/journal/microarrays)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Massimo Negrini
Department of Morphology, Surgery and Experimental Medicine,
University of Ferrara, Ferrara, Italy

Author Benefits

Rapid publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 28 days after submission; acceptance to publication is undertaken in 8 days (median values for papers published in this journal in 2016).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.