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DNA Barcoding and Metabarcoding of Complex Matrices

Guest Editors:

Prof. Dr. Massimo Labra

Department of Bioscience and Biotechnology of University of Milano-Bicocca, I-20126 Milano, Italy

Dr. Andrea Galimberti

ZooPlantLab, Department of Biotechnology and Biosciences, University of Milano-Bicocca, P.za della Scienza 2, 20126-I Milano, Italy

Prof. Dr. Hugo De Boer

Plant Evolution and DNA Metabarcoding Group, Natural History Museum, University of Oslo, 0315 Oslo, Norway

Deadline for manuscript submissions:

closed (10 February 2019)

Message from the Guest Editors

Dear Colleagues,

DNA barcoding is a molecular and bioinformatics tool that aims at identifying organisms' species. The rationale of this approach is quite simple: Through the analysis of the variability in a single or in a few standard molecular marker(s), it is possible to discriminate biological entities. In the last fifteen years, this approach has largely been used to address taxonomic issues, as well as to achieve a reliable traceability system for raw materials, processed food items and other commercial products.

This Special Issue is devoted to the advances in DNA barcoding and metabarcoding to analyze complex matrices with the main goals of i) elucidating the technical and bioinformatical advances currently available for these tools; ii) defining the possible fields of application; and iii) the effectiveness of these approaches in the research and technology transfer strategy. The editors also invite submissions on advanced approaches, including DNA metagenomics, target-enrichment sequencing, and marker mining from genome skimming data.

Prof. Massimo Labra
Dr. Andrea Galimberti
Assoc. Prof. Hugo de Boer
Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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