DNA

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Editorial

Welcome to *DNA*—An Open Access Journal

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We are very proud to launch this new and exciting international peer-reviewed open access journal. The core aim of *DNA* (ISSN 2673-8856) will be to publish novel research findings, reviews and communications in DNA-related technologies, genomic structure, bioinformatics and cytogenomics. It goes without saying that there will be an emphasis on the highest scientific quality, and we will encourage you to publish work with the broadest possible scientific appeal.

It has now been 20 years since the human and mouse first genome sequences were published and although they were not the first, they have proved to be the most significant of all species. Hundreds of species' genomes now have a complete sequence, at least in draft, and they have impacted upon our lives. Diagnostics, genomic medicine, agriculture, behaviour and the environment are just a handful of examples. Accordingly, *DNA* will prioritise studies in which changes in DNA sequence and structure have phenotypic ramifications, both for the individual (including clinical application) and for evolution. We will thus take a "sequence to consequence" and "structure to nature" philosophy when we consider manuscripts for publication.

We are adamant that manuscripts should be clearly written, with the key findings expressed in an accessible way. While we do not put a limit on length, we do encourage conciseness and the full use of supplementary electronic material where appropriate. We will also only accept manuscripts that are accompanied by publicly accessible "graphical abstracts" that communicate your findings.

We are very much looking forward to manuscripts on all aspects of DNA and DNA-related technologies. Topics of interest may include, but are not limited to:

- Nucleotides; nuclear DNA; mitochondrial DNA; chloroplast DNA; mobile DNA,
- DNA replication; DNA damage and repair; nucleic acid enzymes,
- Gene regulation; gene expression; DNA methylation; epigenetics,
- Sequencing technologies; DNA testing; genomics; bioinformatics,
- DNA origami; DNA-based hybrid materials; DNA-based sensors,
- Chromosome organisation; genome structure and function; chromatin remodelling and dynamics; nuclear organisation,
- Genome evolution from the sequence to structural level.

As pioneers in DNA technology, we owe it to the next generation to take the lead in carving a new path that the enigmatic double helix at the core of our essence shows us. Accordingly, we have assembled an exciting team of editors who will take every care in making sure that your manuscript receives our upmost consideration.

We look forward to hearing from you.

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Short Biography of the Author

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