Special Issue

Low Template DNA: New Trends in Genotyping

Message from the Guest Editor

The possibility of recovering DNA from degraded samples became a promising technique for paleontology, archaeology, zoology, microbiology, and even forensics. Degraded and/or scarce DNA could be isolated, amplified, and sequenced applying specific protocols for very degraded genetic material. Laboratory protocols, implemented according to the circumstances and the special biochemistry of degraded DNA, also helped to detect possible contamination with exogen DNA. There are new strategies can sequence in parallel thousands or even millions of DNA fragments from a given biological sample, from forensic remains, or traces of microorganisms from the soil.

The Special Issue welcomes short communications, reviews, or original articles where new research casework or laboratory strategies for degraded and/or scarce DNA typing are shown. The scope ranges from human identification of forensic remains to microorganism metagenomics, and from ancient DNA typing of extinct species to diagnosis of diseases from the past.

Guest Editor

Dr. Eduardo Arroyo Pardo
Legal Medicine, Psyquiatry and Pathology, Universidad Complutense de Madrid, 28040 Madrid, Spain

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

mdpi.com/journal/biology

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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