

## Tentative Outline

### Special Thematic Issue for the journal *Current Genomics*

#### Title of the Thematic Issue: Organelle genomes in crop plants

*Guest Editor: Assoc. Prof. Dr. Lidia Skuza*

- **Scope of the Thematic Issue:**

- Inheritance of organelle genomes in crop plants
- Organization of organelle genomes in crop plants
- Expression of organelle genomes in crop plants
- DNA damage repair mechanisms of organelle genomes in crop plants
- Epigenetic modifications of organelle genomes in crop plants
- Genome editing of organelle genomes in crop plants
- DNA Barcodes of organelle genomes in crop plants
- Targeting organelle genome for crop improvement
- Technical advances in organelle biotechnology of crop plants

**Keywords:**

chloroplast genome, mitochondrial genome, organelle genome evolution, organelle genome inheritance, organelle genome expression, organelle genome DNA damage repair, organelle genome epigenetics, sequencing of organelle genomes

**Schedule:**

- ✧ Thematic issue submission deadline: 31 May 2023

**Contacts:**

*Guest Editor Name: Assoc. Prof. Dr. Lidia Skuza*

*Affiliation: Institute of Biology, University of Szczecin, Poland*

*Email: lidia.skuza@usz.edu.pl*