

# Research Topic



## Mobile Elements and Plant Genome Evolution, Comparative Analyses and Computational Tools

This Research Topic aims to focus on:

- Mobile element and host genome evolution
- Discovery and comparative analysis of transposable elements
- Genome-wide profiling for transposable element analysis of repetitive elements
- Bioinformatic tools

Keywords: Plant Genome Evolution, Transposable Elements, Retrotransposon

Submit to:

### Frontiers in Plant Science

Plant Systems and Synthetic Biology  
Technical Advances in Plant Science  
Plant Cell Biology

Submit:

Abstracts by:

**September 30, 2019**

Manuscripts by:

**January 31, 2020**

[plantscience@frontiersin.org](mailto:plantscience@frontiersin.org)  
<https://frontiersin.org/mobile-elements>

 **frontiers**  
in Plant Science

## Topic Editors

**Ruslan Kalendar**

University of Helsinki,  
Finland

**Francois Sabot**

Institut de Recherche pour  
le Développement, France

**Fernando Rodriguez**

Marine Biological  
Laboratory, MA, USA

**Karine Alix**

AgroParisTech, France

**Lucia Natali**

University of Pisa, Italy

**Gennady I. Karlov**

All-Russia Research  
Institute of Agricultural  
Biotechnology, Russia