



## Caenorhabditis elegans - A Developmental Genetic Model System

Guest Editor:

**Prof. Dr. Morris F. Maduro**

Department of Molecular, Cell  
and Systems Biology, University  
of California, Riverside, CA 92521,  
USA

Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editor

Dear Colleagues,

Although *C. elegans* is a relatively new player in invertebrate development model systems compared with *Drosophila*, having been brought into the field by Sydney Brenner in the mid-1970s, it remains a valuable system for studies in developmental genetics. Owing to its rapid development, well-defined lineage and availability of a continually developing set of powerful tools, including single-cell transcriptomics, ability to identify mutations with whole genome sequencing, and custom gene editing with CRISPR/Cas9, discoveries continue to be made in *C. elegans* in many areas of developmental biology. This Special Issue of the Journal of Developmental Biology aims to highlight some of these findings and speculate on the future of work in this system. Submissions may be reviews of *C. elegans* contributions to a major area in developmental genetics, or an original research article that reports new findings in such an area.

Prof. Dr. Morris F. Maduro

*Guest Editor*

