

Special Issue on
***Drosophila* Models of Human Disease**

CALL FOR PAPERS

The fruit fly *Drosophila melanogaster* has proven to be a golden model for basic biological research. Across the years, its potential as a tool for deciphering the molecular networks at the basis of human disease has become more and more acknowledged. Uninterrupted efforts of the *Drosophila* research community have been dedicated to develop new genetic systems aimed at investigating organ, tissue, and cellular processes at an increasing level of precision. As a result, the fruit fly now serves as a model not only for basic genetic research, but also for an extraordinarily diverse series of human diseases, from cancer to neurodegeneration and from developmental disorders to drug discovery. As cellular and molecular mechanisms governing organogenesis have shown to be highly conserved between *Drosophila* and humans, and the fruit fly has functional homologues of most part of the human disease genes, we anticipate that this aspect of *Drosophila* research will definitely expand in the future.

We invite investigators to contribute original research articles, as well as review articles and opinion papers that address mechanisms involved in human disease using the *Drosophila* model.

Potential topics include but are not limited to the following:

- ▶ Developmental disorders
- ▶ Metabolic disease
- ▶ Organ disease
- ▶ Stem cells and regenerative medicine
- ▶ Cancer
- ▶ Neurological disease
- ▶ Drug discovery

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/bmri/developmental.biology/dmhd/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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