

## Special Issue

# Peroxisomes under the Spotlight: Collaboration is the Way to Go

### Message from the Guest Editor

In 2019, it will be 65 years since the Swedish doctoral student Johannes Rhodin described, for the first time, the existence of special organelles, currently known as peroxisomes, in mouse kidney cells. After being overlooked for a long time, this organelle has now moved into the spotlight of cell biology, biomedical research, and biotechnology. Peroxisomes are remarkably dynamic organelles whose functions can differ substantially across different species, life stages, and environmental conditions. To maintain their function and dynamics, these organelles must exchange substrates, metabolites, and signaling molecules with other subcellular compartments. This Special Issue aims to provide a forum for researchers around the world to share their latest findings and views on how peroxisomes communicate with their environment to support cellular functions. Potential topics include, but are not limited to, the molecular, biochemical, and cellular mechanisms that control peroxisome dynamics and functions in various organisms and disease states.

### Guest Editor

Prof. Dr. Marc Fransen

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### Deadline for manuscript submissions

closed (30 June 2019)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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