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IUBMB Life Special Issue: **Autophagy in Health and Disease**

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**Scope**

Autophagy is a cellular process that degrades damaged or superfluous cell components into basic biochemicals, which are then recycled into the cytosol. When cells encounter various stressed conditions, autophagy is induced as a cytoprotective mechanism to maintain cell homeostasis and survival. Consistent with its critical role, autophagy is involved in a variety of processes ranging from aging to development. Dysregulation of autophagy has been linked to many disease states, including cancers, neurodegenerative diseases, infectious diseases and metabolic syndromes. **Articles in this special issue will focus on the emerging roles of autophagy in regulating normal cell physiology and its dysregulation in various diseases.**

We invite investigators to submit reviews and primary papers for consideration in this special issue. Manuscripts must be submitted no later than **10 September 2021.**

**Guide for Authors link:**

**Submit your manuscript** through the IUBMB Life ScholarOne site at [https://mc.manuscriptcentral.com/tbmb](https://mc.manuscriptcentral.com/tbmb) During the submission process you will be asked if your manuscript is for a special issue. From the dropdown menu, please select “Autophagy”.

For any queries, please contact Guest Editor Ruey-Hwa Chen ([rhchen@gate.sinica.edu.tw](mailto:rhchen@gate.sinica.edu.tw))

**Topics already recruited include:**

**Mitophagy and aging**

Author: Dr. Wei-Chung Chiang, Institute of Biochemistry and Molecular Biology, National Yang-Ming University, Taipei, Taiwan

**Autophagy and viral infection**

Author: Dr. Po-Yuan Ke, Department of Biochemistry and Molecular Biology, Chang Gung University, Taoyuan, Taiwan
Exploring autophagy in Drosophila
Authors:
Dr. Chih-Chiang Chan, Department of Physiology, College of Medicine, National Taiwan University, Taipei, Taiwan
Dr. Guang-Chao Chen, Institute of Biological Chemistry, Academia Sinica, Taipei, Taiwan

Optogenetic control of organellphagy
Author: Dr. Wei Yuan Yang, Institute of Biological Chemistry, Academia Sinica, Taipei, Taiwan

Autophagy in metabolism
Author: Dr. Ruey-Hwa Chen, Institute of Biological Chemistry, Academia Sinica, Taipei, Taiwan