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Ubiquitin and Autophagy

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Cells* on “Ubiquitin and Autophagy” is a tribute to the multifaceted role of ubiquitin and ubiquitin-like proteins in autophagy-related pathways. Ubiquitin is a small regulatory protein that is used to modify other proteins in the process called ubiquitination. The specificity of ubiquitination depends on ubiquitin ligases, the enzymes that place ubiquitin on specific substrates. They are counteracted by ubiquitin proteases in an opposite process of deubiquitination. As a result of ubiquitination of a substrate and ubiquitination of ubiquitin itself on this substrate, proteins might become polyubiquitinated with various ubiquitin chains and degraded via either the ubiquitin-proteasome system or autophagy-lysosome pathway. We are particularly interested in research articles and reviews at the intersection of ubiquitin-related processes and autophagy, including the roles of ubiquitin ligases and proteases in autophagy; ubiquitination and deubiquitination of autophagic substrates and players; etc. We look forward to your contributions to this exciting Special Issue!

Dr. Taras Y. Nazarko

Guest Editor



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Special Issue



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