Apoptosis and Autophagy

Guest Editor:

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Message from the Guest Editor

Apoptosis and autophagy represent two fundamental cellular processes. They are involved in cell fate decision and they crosstalk each other through the involvement of different key players. Nonetheless, the ability of apoptosis to cause cell death is counterbalanced by its ability to inhibit the cell death mediated by autophagy. Autophagy can also inhibit apoptosis and cause cell death. The intimate crosstalk between apoptosis and autophagy is not definitely dissected yet. It can occur during embryogenesis, tissue development, cell maturation and senescence. Alterations of such intriguing mechanisms can occur during tumorigenesis and other pathologies in mammals. Further evidence is urgently needed to clarify these fine-tuned cellular processes.

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Message from the Editor-in-Chief

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