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## Exosomes and Extracellular Vesicles in Health and Disease

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Deadline for manuscript  
submissions:

**closed (15 July 2019)**

### Message from the Guest Editor

Dear Colleagues,

Extracellular vesicles (EVs, including exosomes and other membrane-bound packets) are released by all cells under all conditions, ranging from homeostatic equilibrium to states of stress. In states of disease, these EVs may adaptively ameliorate the disease state or may contribute to the pathogenesis of the disease. Furthermore, they are being investigated through ‘liquid biopsies’ for various diseases and biological conditions.

The purpose of this Special Issue is to examine EV heterogeneity, biogenesis, and specific attributes of EVs as they relate to the balance between tissue repair versus cell death, tumor growth versus tumor regression, immune activation versus immune suppression, proliferation versus senescence, system-based integrity versus degradation, and other conditions that relate to health and disease. In providing this overview, this Special Issue will delineate the current foundations and tools for the next steps toward determining the roles of EV in pathogenesis and therapeutic strategies for the treatment of a wide range of diseases.

Dr. Jennifer Clare Jones  
Guest Editor



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**Special** Issue



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