

## Special Issue

# Current Mechanistic Understandings of Lymphedema and Lipedema

### Message from the Guest Editors

While the external presentation of lymphedema and lipedema may appear similar, the diagnosis and molecular mechanisms underlying these conditions are quite varied. Lymphedema results from a genetic or acquired lymphatic deficiency, causing fluid accumulation, inflammation, and adipose tissue expansion. The pathological adipose expansion in lipedema, however, arises from an etiology that is yet to be well defined but potentially includes blood microvascular and lymphatic insufficiency, altered extracellular matrix composition, and dysfunctional adipose biology. It will be important to define how these traditionally understudied diseases are similar and yet distinct in order to meet their unique needs in terms of diagnostics and treatment options. This Special Issue will publish original articles as well as full reviews that cover the current understanding and molecular and physiological mechanisms that are shared between, and importantly, unique to either lymphedema and lipedema. Manuscripts need not cover both pathologies, but rather should present novel findings about early diagnostics and molecular mechanisms defining what we know and the key remaining questions.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2022)



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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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