



Cell Fusion in the Living Matter

Guest Editor:

Prof. Dr. Thomas Dittmar

Immunology and Tumor Biology,
Center for Biomedical Education
and Research (ZBAF),
Witten/Herdecke University,
Stockumer Str. 10, Witten,
Germany

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Message from the Guest Editor

Dear Colleagues,

Even though the fusion of, e.g., vesicles, enveloped viruses/ host cells, and even whole cells appears simple, like the merging of two soap bubbles, it is well known that the fusion of bilayered phospholipid membranes is a highly complex, energy-dependent, tightly regulated, and still not yet fully resolved process.

The aim of this Special Issue is to bring more light into the dark of the complexity of vesicle, virus, and cell–cell fusion, and we welcome research papers and reviews on the following topics:

1. Similarities and differences in vesicle, virus/host, and cell–cell fusion;
2. Macrophage fusion/osteoclastogenesis;
3. Trophoblast fusion/placentation;
4. Sperm–oocyte fusion/fertilization;
5. Myoblast fusion/myogenesis;
6. Virus–host cell fusion.

Prof. Dr. Thomas Dittmar
Guest Editor





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Prof. Dr. José L. Quiles

Department of Physiology,
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Technology “Jose Mataix”,
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Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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