



## Active Colloidal Systems in Gas and Liquid

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### Message from the Guest Editor

Dear Colleagues,

The overwhelming majority of objects in nature are open systems, which makes them more difficult to study. Therefore, the thermodynamics of systems far from equilibrium is an actively developing field of science. As a separate class of open systems, one can distinguish systems of so-called active Brownian particles, i.e., particles capable of converting the energy received from outside into their own kinetic energy of motion. Examples of natural “active Brownian particles” are motile cells. The range of artificial active particles is wide; mostly, they are colloid systems with chemically active surfaces. This Special Issue welcomes results of theoretical and experimental studies concerning the dynamics of all active systems.

Dr. Mikhail Vasiliev  
*Guest Editor*

