



## Frontiers in Nano Communications

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Deadline for manuscript  
submissions:

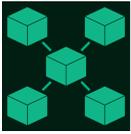
**closed (1 October 2021)**

### Message from the Guest Editors

In recent years, the research community has made enormous progress in conceptualizing the fundamental communication mechanism of nanonetworks. Among those are electromagnetic communication, acoustic communication, and molecular communication. Electromagnetic communication is limited to the Terahertz band, as antennas are small. This type of communication works for already existing wireless sensor networks. However, it is unclear if there is enough available energy at the nanoscale. Thus, molecular communication has been proposed as an alternative form of communication. One of the most promising materials for the construction of nanodevices and nanonetworks is graphene. Another frequently suggested building material is DNA.

Over the years, researchers suggested many potential applications in medicine, synthetic biology, or material sciences. This Special Issue intends to provide an overview of the current state of the art of tiny sensor and actuator networks. The main areas of interest are papers on nanocommunication paradigms, network architectures, communication protocols, simulation tools, wet-lab experiments, and other applications.





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## Message from the Editor-in-Chief

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