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Advances in Smart Nanocarriers for Targeted Drug Delivery

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Deadline for manuscript submissions:
closed (20 January 2022)

Message from the Guest Editors

Dear Colleagues,

The most reported smart nanocarriers for drug-delivery include liposomes, dendrimers, micelles, meso-porous silica, gold nanoparticles, super paramagnetic iron-oxide, graphene, carbon nanotubes, quantum dots, etc. The smartness of a drug-delivering nanocarrier increases if the system is highly biocompatible and poorly toxic. Hence, accumulation of the nanocarrier in the vital organs followed by its degradation (if any) can lead to toxicity, which, ultimately, depends on the physico-chemical properties of the nanosystem (composition, shape, size, specific surface area, surface charge, etc.).

The development of smart nanocarriers to be applied in drug-delivery requires the collaboration of chemists, physicists, pharmacologists, and physicians who, in most cases, have different objectives. Therefore, we invite all those working in these fields to make a contribution (full papers, communications, and reviews) to this Special Issue entitled “Advances in Smart Nanocarriers for Targeted Drug Delivery”.

For more information, please click kthe following link:

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Message from the Editor-in-Chief

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