

Special Issue

Non-invasive Device-Mediated Brain Drug Delivery across the Blood-Brain Barrier

Message from the Guest Editors

This Special Issue aims to share recent progress and trends in this field. We welcome submissions of all types of original articles concerned with noninvasive drug delivery into the brain across the BBB. Topics include, but are not limited to, the strategies outlined below: ☒

Carrier-mediated transport

- Drugs containing transporter recognition unit;
- Substrate–drug conjugates with cleavable linkers.

☒ Receptor-mediated transcytosis

- Antibody–drug conjugates with cleavable or uncleavable linkers;
- Bispecific antibodies as antibody drugs;
- Ligand–drug conjugates using ligands such as cell-penetrating peptides or homing peptides;
- Drug–encapsulated nanoparticles covered with ligands using nanodelivery systems.

☒ Other strategies

Guest Editors

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