

Special Issue

Recent Approaches for Lymphatic Drug Delivery

Message from the Guest Editor

The lymphatic system plays an important role in the immune system's recognition and response to disease. It is an important target for developing new vaccines, anticancer and immunotherapeutic agents. Studies on lymph targeting have been conducted to improve the therapeutic effect of anticancer and immunotherapeutic agents. There have been several reports of formulation and evaluation techniques for nano- and microparticle-based drug delivery systems, but in vivo or PK/PD studies focused on the lymphatic system are still lacking. Research on the physiological system associated with lymphatics, drug formulations, and targeting to specific tissues may contribute to improving the lymphatic drug delivery. In particular, effective lymphatic delivery of anticancer and immunotherapeutic agents can lead to significant improvements in side effects and economics, and it will be very helpful in establishing therapeutic doses and regimens. This Special Issue will cover a wide range of topics related to lymphatic delivery, including but not limited to drug formulation, nanomedicine, PK/PD studies, cancer therapy or immunotherapy, etc.

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