

Special Issue

Radiolabelling for Tracking Drug Delivery System

Message from the Guest Editor

Drug delivery systems (nanoparticles) are a prosperous, exciting research field. The drugs or pharmaceuticals in a drug delivery system can enhance drug targeting and efficacy. Interestingly, tracking drug delivery systems by radiolabeling the radionuclides allows us to understand the pharmacokinetics of nanoparticle-based drugs in a living body. Herein, we would like to cover the radiolabeling chemistry, their PK/PD and efficacy in treatment in the successful development of drug delivery systems for PET or SPECT imaging. Furthermore, labeled drug delivery systems with alpha- or beta-emitted radionuclides as a promising synergistic treatment for cancer will be covered. In summary, the Special Issue aims to highlight the tracking of drug delivery systems in PET and SPECT imaging and application.

Guest Editor

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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