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In Vivo Nuclear Molecular Imaging in Drug Development and Pharmacological Research

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Molecular imaging can provide real-time noninvasive visualization, characterization, and quantification of biological processes at the molecular levels in intact living subjects. Nuclear molecular imaging has been receiving significant attention due to its high sensitivity and noninvasive imaging profile. This Special Issue of *Pharmaceuticals* invites both original and review articles related to in vivo nuclear imaging in drug development and pharmacological research, and we welcome submissions of the following topics: (1) identify and validate in vivo biomarkers by nuclear molecular imaging; (2) evaluation of on-target and off-target effects, receptor occupancy, and biodistribution information of the radiotracers; (3) in vivo biorthogonal reaction involved radioisotopes to probe mechanism of diseases; (4) determine the pharmacokinetic, pharmacodynamic, and metabolic profiles; (5) dosimetry studies, kinetic modeling of radiotracers in pre-clinical research and clinical investigation; (6) bench-to-bedside clinical translation of radiotracers.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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We hope to handle your contribution to *Pharmaceuticals* soon.

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