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Cancer Suicide Gene Therapy

Guest Editor:

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Deadline for manuscript submissions:
closed (20 May 2024)

Message from the Guest Editor

Dear Colleagues,

Nonbiological- and biological-based forms of nucleic acid delivery vehicles lending themselves to directed enzyme prodrug therapy (DEPT) comprise the modalities for mediating suicide gene therapy (SGT), which entails the homing of a transgene-enclosing vector (i.e., a delivery vehicle).

Given all the difficulties/limitations associated with implementing G-/V-DEPT and the many other forms of DEPT for SGT, the purpose and scope of this Special Issue is to serve as a forum to facilitate the communication of new research findings and sound insights derived thereof obtained from conventional and innovative investigative efforts arising from noteworthy research initiatives that peer into providing/establishing the means for (I) detecting, (ii) measuring, (iii) visualizing (directly), (iv) tracking, and/or (v) any combination thereof, of transgene delivery efficiency, transcript production efficacy (including any post-transcriptional spliced variants), translation of any such RNA into a nascent form of the bio-orthogonal enzyme as well as post-translational modifications rendering the presentation of the transgene-based enzyme into its mature active state.

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Editor-in-Chief

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Message from the Editor-in-Chief

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