Seminar

Cancer Theranostics: In Vitro Diagnostics, In Vivo Imaging, and Targeted Therapy

to be delivered by

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on

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in

Seminar room 53, Department of Surgery
9/F, Lab Block, LKS Faculty of Medicine

Cancer theranostics combines cancer diagnosis and cancer therapy, aiming for early diagnosis, accurate molecular imaging, and precise treatment at the right timing and proper dose, followed by real-time monitoring of treatment efficacy. This talk provides an overview of the state-of-the-art of cancer theranostics from the design of nanobiosensors for ultrasensitive biomarker detection in vitro, application of molecular imaging techniques for in vivo measurement of cancer hallmarks, image-guided cancer interventions, to nanoparticle platforms for co-delivery of imaging labels and therapeutic drugs. The challenges of clinical translation of cancer theranostic approaches are also discussed.

All are welcome to attend