

講演会

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演題 「 Looking and listening to light : advances in optical and optoacoustic imaging. 」

Abstract:

Biological discovery is a driving force of biomedical progress. With rapidly advancing technology to collect and analyze information from cells and tissues, we generate biomedical knowledge at rates never before attainable to science. Nevertheless, conversion of this knowledge to patient benefits remains a slow process. To accelerate the process of reaching solutions for healthcare, it would be important to complement this culture of discovery with a culture of problem-solving. In this talk, we focus on advances in optical and optoacoustic technologies from the perspective of problem solving, in particular in the areas of early disease detection and monitoring. We show how new classes of imaging systems and sensors can play a critical role in the frequent assessment of biochemical and pathophysiological parameters of systemic diseases, complement knowledge from -omic analytics and drive integrated solutions for improving healthcare.

日時 : 令和 4 年 12 月 6 日(火) 16:00 ~ 17:00

場所 : 東京大学大学院薬学系研究科
総合研究棟 10F 大会議室

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