

Metabolic Imaging and Spectroscopy: Britton Chance 110th Birthday Commemorative



Editors:

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July 2024 marks the Third Britton Chance International Symposium on Metabolic Imaging and Spectroscopy at University of Pennsylvania honoring the memory of Professor Britton Chance. Prof. Chance was a prolific and legendary scientist who made pioneering contributions in the fields of radar, biochemistry, and biophysics, and who was a founding father of in vivo NMR and biomedical photonics. His research activities spanned physics, chemistry, engineering, biology, and medicine with aims to generate new understanding about tissue function and disease, and dreams to impact health science and clinical translation.

This JBO special issue welcomes submissions on topics in this spirit, e.g., focused on biomedical photonics and optical imaging/spectroscopy of tissue metabolism and related concepts. A range of topics can be explored, spanning from technical development, translation and clinical application of metabolic/functional imaging, and spectroscopy methods for disease detection, diagnosis, treatment, and prevention. For more information, see the call for papers at spie.org/JBOcalls.



Submissions accepted through 31 December 2024