Resource Summary Report

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Center for Biomedical OCT Research

RRID:SCR_001418
Type: Tool

Proper Citation

Center for Biomedical OCT Research (RRID:SCR_001418)

Resource Information

URL: http://octresearch.org/

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Description: Biomedical technology research center that pioneers and provides access to microscopic imaging instruments for biologic and clinical research. Optical coherence tomography (OCT) has evolved over the last two decades to become a standard of care for diagnostic ophthalmic imaging and is poised to make significant impact in the fields of cardiology and gastrointestinal endoscopy. Access to state-of-the-art instrumentation, however, has been limited to a relatively few research laboratories and the optimization of instruments for new biomedical applications has hindered the investigation of new opportunities. A major focus of CBORT will be to cultivate strategic research collaborations and respond to a pressing need for application-specific OCT instrumentation and hardware.

Abbreviations: CBORT

Synonyms: Center for Biomedical OCT Research and Translation

Resource Type: training resource

Keywords: imaging, optical coherence tomography, microscope, catheter, endoscopy, near infrared fluorescence

Funding: NIBIB P41EB015903

Resource Name: Center for Biomedical OCT Research

Resource ID: SCR_001418

Alternate IDs: nlx_152640

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250420T014029+0000

Ratings and Alerts

No rating or validation information has been found for Center for Biomedical OCT Research.

No alerts have been found for Center for Biomedical OCT Research.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG.

Blatter C, et al. (2016) In vivo label-free measurement of lymph flow velocity and volumetric flow rates using Doppler optical coherence tomography. Scientific reports, 6, 29035.

Ravi S, et al. (2015) Metabolic plasticity in resting and thrombin activated platelets. PloS one, 10(4), e0123597.