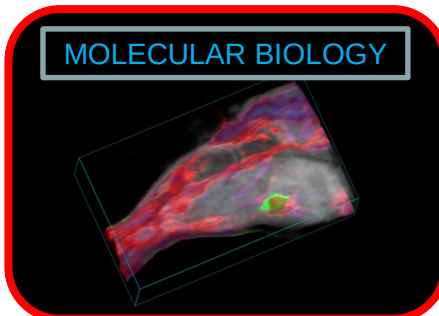
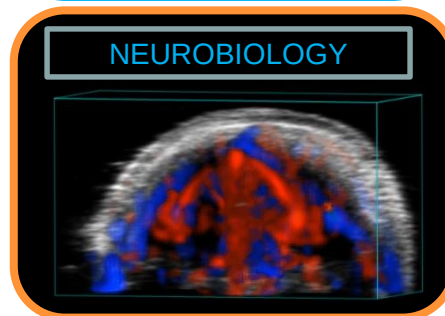
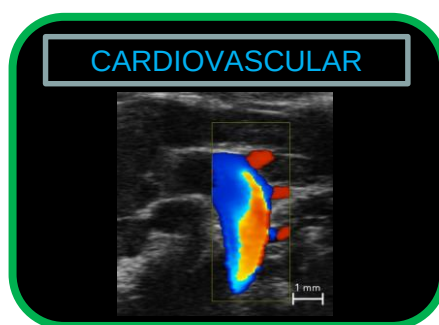
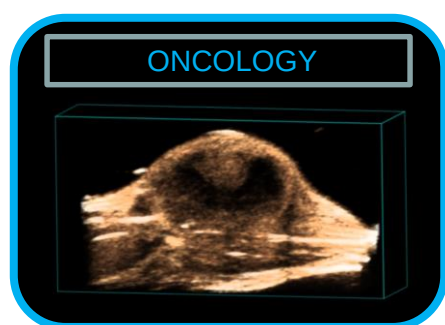


VISUAL SONICS Users Meeting & LAZR-X Workshop

[High Frequency Micro Ultrasound & Photoacoustics Imaging for Functional and Molecular Imaging in Preclinical and Clinical Drug Development]



[Program]

April 10, 2018

09:00~09:20 **Registration**

09:20~09:30 **Welcome & Greetings Remarks**

Jibeom Yoo, Ph.D. (*Sungkyunkwan University, Executive Vice President*)

09:30~13:00 **Session I : High Frequency Micro Ultrasound & Photoacoustic Tomography Imaging Applications in Preclinical Research**

09:30~11:05 - Chair : Hak Jong Lee, M.D., Ph.D. (*Seoul National University*)

09:30~10:15 **Keynote Lecture - Novel Nanoparticle Strategies for Theranostic Photoacoustic Imaging**

Stuart Foster, Ph.D. (*University of Toronto, Canada*)

10:15~10:40 **Laser-Generated Focused Ultrasound for Micro-Precision Biomedical Applications**

Hyoung Won Baac, Ph.D. (*Sungkyunkwan University*)

10:40~11:05 **Echocardiographic Time-Course Evaluation in Rat I/R Model**

Heejaung Kim, Ph.D. (*DGMIF*)

11:05~11:25 **Coffee Break**

11:25~13:00 - Chair : Minah Suh, Ph.D. (*Sungkyunkwan University*)

11:25~11:50 **Ultrasound Mediated Gene and Drug Delivery**

Hak Jong Lee, M.D. (*Seoul National University*)

11:50~12:35 **Multimodal High Frequency Ultrasound and Photoacoustic Imaging**

Jithin Jose, Ph.D. (*FUJI FILM VisualSonics Inc.*)

12:35~13:00 **Ultrasound-Guided Photoacoustic Imaging and Near Infrared Photothermal Therapy Using EGFR Antibody-Conjugated Gold Nanorods for EGFR Overexpressing Triple Negative Breast Cancer**

Hoe-Suk Kim, Ph.D. (*Seoul National University*)

13:00~14:00 **Lunch**

14:00~17:00 **Session II : Demonstration**

14:00~16:00 **High Frequency Micro Ultrasound & Photoacoustic Tomography Imaging Demonstration**

Jithin Jose, Ph.D. (*FUJI FILM VisualSonics Inc.*)

16:00~16:15 **Coffee Break**

16:15~17:00 **Discussions**



장 소 : 성균관대학교 자연과학캠퍼스(수원)
의학관 1층 대강의실

일 시 : 2018년 4월 10일(화) 오전 9시 ~ 오후 5시

주 최 : 성균관대학교

Contact : 조장우 (02-711-0754)

jangwoo.cho@sihealthcare.co.kr

주 관 : 성균관대학교 공동기기원

BICS(성균바이오융합과학기술원)

LINC+사업단

에스아이헬스케어㈜