

Please join us for

OCMICR Cancer Imaging for Core Shared Equipment Workshop Series

Workshop 06 for Equipment:

TMAGMPCR Tissue Micro Array Grand Master with PCR (ePredia)

Presented by Drs. Kar-Ming Fung and Murali Jayaraman

Day/Time: July 15, 2025; between 2:00-4:00pm,

Venue: Stanton L Young Biomedical Research Center (BRC)
University of Oklahoma Health Science Center (OUHSC)
975 NE 10th street, Oklahoma City OK 73104

Our workshop series will focus on demonstrating novel medical imaging modalities, equipment, and technologies for biomedical research.

The TMAGMPCR, or Tissue Microarray Grand Master with PCR by Expredia 3DHitech, is an advanced, automated, tissue microarray (TMA) platform designed to streamline high-throughput tissue sample processing with added capability to extract cores for PCR and other molecular biology studies. This system enables precise and reproducible extraction and placement of tissue cores from donor blocks into recipient blocks, allowing researchers to efficiently analyze large numbers of tissue samples in parallel. The integration with PCR technology facilitates accurate sampling for downstream molecular analysis, such as gene expression profiling or mutation detection, making it a powerful tool for translational research, biomarker validation, and personalized medicine applications. TMAGMPCR enhances laboratory productivity while ensuring consistency and accuracy in tissue-based assays.

All are welcome, please register:

https://ousurvey.qualtrics.com/jfe/form/SV_bl060JnkE99Ag7A

If you have questions, please contact Dr. Kar-Ming Fung at KarMing-Fung@ouhsc.edu, Dr. Murali Jayaraman at muralidharan-jayaraman@ouhsc.edu, Dr. Javier Jo at javierjo@ou.edu, Dr. Qinggong Tang at qtang@ou.edu, and Dr. Yuhua Li at yhli1500@ou.edu.