



Introduction for advanced biomedical imaging facility

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Abstract: Advanced Biomedical Imaging Facility (ABIF), co-founded by Hubei Province and the Ministry of Education, is located in Wuhan, China with a total investment exceeding 1.1 billion RMB and a 30,000 m² dedicated imaging building. It is co-constructed by Huazhong University of Science and Technology (HUST) and the Innovation Academy for Precision Measurement Science and Technology, CAS. ABIF has assembled a team of nearly 100 R&D and technical support personnel, focusing on optical imaging, 4D-EM, MRI, PET, and image fusion & intelligent diagnosis. The newly built laboratories provide an excellent venue for life science research, drug development, and clinical research. The ABIF is expected to be completed and open to the public in then of 2026.

Keywords: optical imaging techniques, optical clearing.