Rameesa Rafi MH is a Ph.D. student in the Computational Optics Group at the University of Tsukuba, Japan. Her current research focuses on developing an automated sample targeting system for dynamic optical coherence tomography(DOCT) imaging of 3D in vitro cultures. She holds an Integrated Master’s degree in Photonics from the Cochin University of Science And Technology（CUSAT), India. Her prior research includes developing a multispectral intraoral probe for oral cancer diagnosis (IIITDMK, India) and developing a simulation method to investigate dynamic blood flow (IIT Madras). She also worked with the Computational Optics Group during her master's thesis internship, where she contributed to the same automated OCT-based imaging project she now continues in her Ph.D.