

Tokiwa Campus of Yamaguchi University Inspection tour

Yamaguchi University has many researchers working on membranes technology and its application. In this tour, you can visit the laboratories listed in the table below. You can also tour Blue Energy center for Salinity Gradient Energy (SGE) Technology. This center is advancing membrane-based research utilizing SGE.

Tour contents

Lab tours	
Higa & Sugimoto Lab	Ion exchange membrane, Charged mosaic membrane, Electrodialysis, Bipolar membrane electrodialysis, Reverse electrodialysis Blue Energy center for SGE Technology
Tanaka Lab	Membrane gas separation, Polymeric membranes, Mixed matrix membranes, Carbon molecular sieve membranes, H ₂ separation, CO ₂ separation
Yoshimoto Lab	Enzyme-lipid membrane conjugates for liposomal biocatalysts Bubble column bioreactors for multiphase catalytic reactions
Poster presentations	
Kumakiri Lab	Microporous inorganic membranes, Zeolite membranes
Endo Lab	Seawater, Electrolysis, Hydrogen generation
Toorisaka Lab	Surfactant/lipid nanoparticles, Mucosal drug delivery