Study on Bio-Mechanics and Bio-Mimetics (Prof. Kohsei TAKEHARA, takehara@civileng.kindai.ac.jp)

Research Area

Collaborative research will be focused on bio-mechanical and bio-mimetics field with expert researchers from various fields. Final target of the research is that the results of the research will be implemented in society. 1. Research on fish swimming

2. Research on cardiovascular system of animal 3. etc



Pressure distribution in flow around a fish and a wing



Growth of abdominal aortic aneurysms formed in experimental animals (until rupture)

Recent Activities

Fish balances flow resistance and high pressure in stagnation area, Eguchi G., Torisawa S., Takehara K., Takagi T., Journal of Aero Aqua Bio-mechanisms 10(1), 2-8, 2023.