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Reserch Theme in This Project : A molecular sensor on liposomal membrane. A switching system for molecular motor.

Main Research Results, Publications :

Anton Kan, Yoko Sakai, Koh-ichiroh Shohda, and Akira Suyama, *Natural Computing*, 2014, 13, 573–581. published online, DOI 10.1007/s11047-013-9394-5. “A DNA based molecular logic gate capable of a variety of logical operations”, K. Shohda, K. Takahashi, and A. Suyama, *Biochemistry and Biophysics Reports*, 2015, *in press*. “A method of gentle hydration to prepare oil-free giant unilamellar vesicles that can confine enzymatic reactions”.

Recent Activities (hobbies, etc.): Experimental supports for BIOMOD students is enjoyable for me!