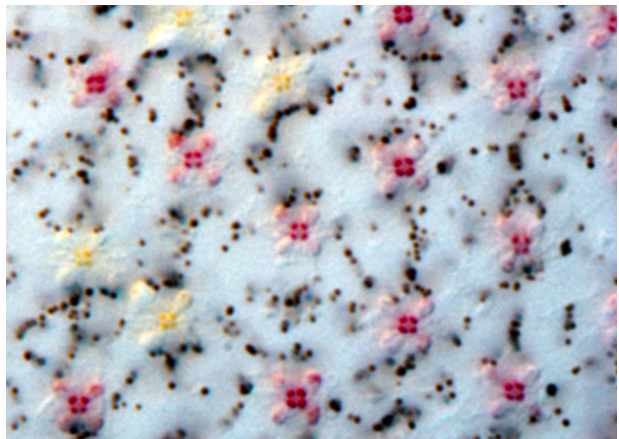




## “Neuroethology of butterfly color vision”

Kentaro Arikawa, Ph.D  
Neuroethology,  
SOKENDAI-Hayama, Japan

*Papilio* butterflies use color vision when searching for flowers to get nectar. Their color vision is tetrachromatic based on the R-G-B plus UV-sensitive photoreceptors: the resulting wavelength discrimination ability even rivals ours. How does the wavelength information at the photoreceptors turn into “colors” in the brain? I will introduce how we have addressed the question and what the scientists may enjoy further.



**Dec 9<sup>th</sup> (Fri)**

**16:30 – 18:00**

**Room A222**

Contact: Azusa Kamikouchi ([kamikouchi.azusa.r4@f.mail.nagoya-u.ac.jp](mailto:kamikouchi.azusa.r4@f.mail.nagoya-u.ac.jp))