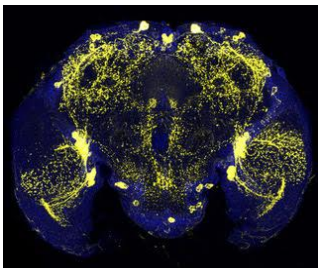


# Biology

## Postdoc Seminar

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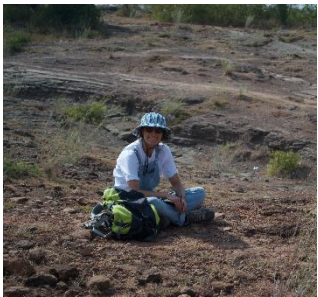
Monday, March 27, 2017 | 12:00pm  
HCK 132 Refreshments at 11:45am



### Neuromodulation and differential learning in mosquitoes with various host preferences

By: Dr. Gabriella Wolff (Riffell Lab)

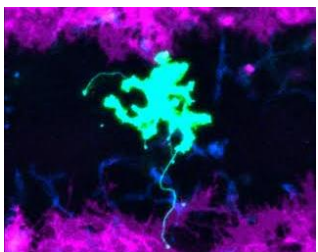
In order to understand why mosquitoes seek to bite their preferred hosts, we are comparing odor receptivity, ability to form associative olfactory memories of these odors, and expression patterns of dopamine and serotonin in olfactory brain centers across species.



### The evolution of savannas in Africa during the past 50 million years: new perspectives from micro-botanical (phytolith) analyses

By: Dr. Alice Novello (Strömberg lab)

Today, the savanna biome occupies ~50% of Africa's land surface, and is associated with many mammal species specifically adapted to life in the savanna environment. My project aims to document the appearance and expansion of savannas...



### Macrophage relay for long-distance signaling during post embryonic tissue remodeling

By: Dr. Dae Seok Eom (Parichy Lab)

Macrophages have diverse functions in immunity as well as development and homeostasis. Here we identify a function for these cells in long distance communication during postembryonic tissue remodeling.



### The chemical diversity of *Piper* scents

By: Dr. Ada Kaliszewska (Santana Lab)

Chemical signals are key mediators of many ecological interactions, and are important for fruit localization and selection by frugivores. To study how *Piper* plants use scents to attract bats to ripe fruits we quantified the chemical composition of scents produced by *Piper* fruit and vegetation.

Full abstract information posted on the UW Bio Website under Seminars.

Hosted by: Jennifer Nemhauser, Professor

