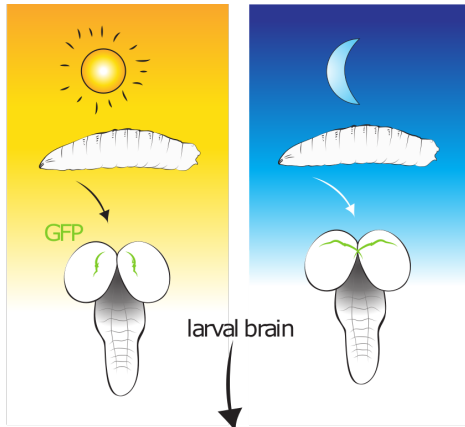
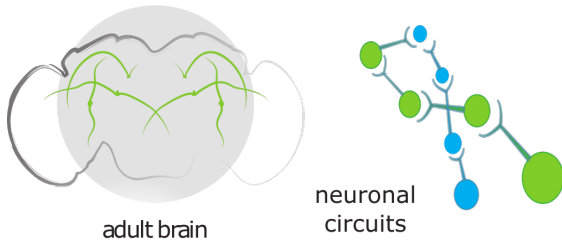


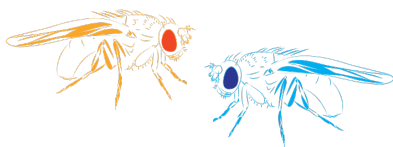
Bachelor and/or Master Thesis Projects available!
Mechanisms underlying environment- driven developmental plasticity.



neuroanatomical and behavioral implications



seasonal and daily behaviors



The environment affects the way our brain develops and this might result in particular behavioral phenotypes later in life. For instance, the day length we experience when we are born correlates with changes in activity rhythms and risk of suicide during adulthood. One other example comes from studies in chicks. Here, exposure to artificial light at night disrupts the development of specialized cells in the pineal gland (i.e. the circadian clock).

Light and ambient temperature affect neurogenesis in flies as well. We want to identify the brain regions that are most affected by this environmental modulation of development and understand what the implications for adult behavior might be.

If you are interested in these questions, get in touch with us to know what techniques we'll be using and what specific projects are currently available...

We are looking forward to hear from you!

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