

Small brains, bright minds: Learning and memory in invertebrates



HNW2014 Workshop,
27 July, 2014, 9:00-18:00
Hokkaido University, Sapporo, Japan.
URL: <http://www.icn2014.jp/satellite/workshop.html>

Organized by
Randolf Menzel (Freie Univ Berlin, Germany) and
Makoto Mizunami (Hokkaido Univ, Japan).

Tentative titles:

Ken Lukowiak (Univ Calgary, Canada):
Environmentally relevant stressors alter
learning, memory formation and forgetting
in an invertebrate model system.

Etsuro Ito (Tokushima Bunri Univ,
Japan): Insulin and glucose for conditioned
taste aversion in *Lymnaea*.

Fernando Locatelli (Univ Buenos Aires,
Argentina): Experience dependent tuning in
olfactory processing.

Benny Hochner (Hebrew Univ, Israel):
The embodied organization of octopus
behavior.

David Glanzman (UCLA, USA):
Morphological analysis of memory
reconsolidation and memory erasure in
Aplysia.

Ryuichi Okada (Tokushima Bunri Univ,
Japan): Olfactory learning-related plasticity
of the mushroom body neurons in the
honeybee.

Paul Benjamin/George Kemenes
(Univ Sussex, UK): Temporal patterns
of cellular and molecular changes
underlying memory consolidation in
Lymnaea.

Aike Guo (China Acad Sci, China):
Visual learning in the fruit fly
Drosophila melanogaster.

Avy Susswein (Bar Ilan Univ,
Israel): Localization to different
ganglia of learning that food is inedible
in *Aplysia*.

Randolf Menzel (Freie Univ Berlin,
Germany): Learning related plasticity
at the input and output of the mushroom
body in the honeybee.

Makoto Mizunami (Hokkaido Univ,
Japan): Roles of aminergic neurons in
memory formation and retrieval in
crickets.

Catharine Rankin (Univ British
Columbia, Canada): High throughput
phenotypic profiling leads to insights
into mechanisms of habituation in *C. elegans*.

Poster session and group dinner: We welcome you to contribute to poster presentations
and join our group dinner: Please contact RM (menzel@neurobiologie.fu-berlin.de) and MM
(mizunami@sci.hokudai.ac.jp).