

# List of posters

August 17 and August 18

## 1 Genomes, genes, and worms

Convenor: J. L. Ram

	participant	title of poster (P)
1	Biggers, William	Inhibitors of Nitric Oxide Synthase Induce Larval Settlement and Metamorphosis of the Polychaete Annelid <i>Capitella teleta</i> (P)
2	Ram, Jeffrey	Reproductive patterns and populations of invasive Dreissenid mussel species in North America (P)

## 2 The impacts of climate change and pollution on reproductive processes in marine invertebrates

Convenor: C. N. Lewis

	participant	title of poster (P)
3	Guler, Yasmin	Environmental, Parasitic and Genetic Based Sex Determination in <i>Echinogammarus marinus</i> (P)
4	Graham, Helen	Determining the impacts of ocean acidification on reproductive and developmental fitness of the Polychaete <i>Platynereis dumerilii</i> (P)
5	Simon, Carol Bentley, Matthew	2-trans,4-trans decadienal: Exploring novel approaches for control of polychaete pests on cultured abalone (P)

## 3 Biochemistry and molecular biology of molting in crustacea and insects

Convenor: H. Laufer

	participant	title of poster (P)
6	Göncü, Nesrin Ebru	The Effect of Juvenile Hormone Analogue, Fenoxycarb, on Ecdysone Receptor B1 Expression in Midgut of <i>Bombyx mori</i> during Larval-Pupal Metamorphosis (P)
7	Turgay Izzetoglu, Gamze	Some Biochemical Assays on the Rectal Sac of <i>Bombyx mori</i> L. (Lepidoptera; Bombycidae) (P)
8	Izzetoglu, Savas	Determination of sialic acid contents of undifferentiated hemocytes released from novel hematopoietic organ related with dorsal vessel and differentiated hemocytes in circulation of <i>Bombyx mori</i> (Lepidoptera) by using optical and analytical methods. (P)
9	Weil, simy	Protein interactions in the gastrolith chitinous matrix of the crayfish <i>Cherax quadricarinatus</i> (P)

## 4 Daphnia and other cladocerans as model organisms

Convenors: J. Sedá, A. Petrusek

	participant	title of poster (P)
10	Petrusek, Adam	Evidence for neckteeth formation in two species of the <i>Daphnia curvirostris</i> complex (P)
11	Sailerová, Martina	Influence of experimental conditions on hatching of diapausing stages of the cladoceran <i>Daphnia obtusa</i> (P)
12	Volemanová, Eva	Phenotypic plasticity in <i>Daphnia cucullata</i> from two riverine pools: when do they produce helmets? (P)
13	Martínez-Jerónimo, Fernando	Effect of food concentration and photoperiod on the reproduction of <i>Daphnia exilis</i> Herrick 1895 (Cladocera: Anomopoda) (P)
14	Gaviria, Santiago	Branchiopods (Arthropoda, Crustacea) of Colombia: Checklist with biogeographical and autoecological notes of selected species. (P)

## 5 Dormancy and developmental arrests in invertebrates

Convenor: V. Košťál

	participant	title of poster (P)
15	Yang, Fan	Function of p90 RSK in termination of cell cycle arrest of encyst embryos in <i>Artemia</i> (P)
16	Izumi, Yohei	Effect of diapause induced at different cues on cold hardiness of pupae of <i>Helicoverpa armigera</i> . (P)
17	Doležal, Petr	Changes of energetic status in the spruce bark beetle ( <i>Ips typographus</i> (L.)) during diapause and overwintering (P)
18	Doležel, David	Isolation and characterization of circadian clock genes <i>period</i> and <i>timeless</i> in the cephalic nervous system of Mediterranean flour moth, <i>Ephestia kuehniella</i> (P)
19	Fexová, Silvie	Insulin signaling pathway and diapause in the red firebug, <i>Pyrrhocoris apterus</i> (P)
20	Frohme, Marcus	Molecular phylogeny of anhydrobiotic tardigrades (P)
21	Umezaki, Yujiro	Analysis of ageing of the circadian clock system in the fruit fly, <i>Drosophila melanogaster</i> (P)
22	Rozsypal, Jan	Physiology of diapause and cold tolerance in prepupae of codling moth, <i>Cydia pomonella</i> (P)
23	Condamine, Thomas	Genomics of the anhydrobiotic tardigrade <i>Milnesium tardigradum</i> (P)
24	Ślusarczyk, Mirosław	Role of temperature in governing diapause response to risk of fish predation in <i>Daphnia magna</i> (P)

## 6 Impact of genetically modified crops on arthropod development and reproduction

Convenor: A. M. R. Gatehouse

	participant	title of poster (P)
25	Kocourek, František	Laboratory evaluation of susceptibility of European corn borer, <i>Ostrinia nubilalis</i> (Lepidoptera: Crambidae) to Cry1Ab toxin in MON 810-YieldGard® corn hybrid (P)
	Stará, Jitka	
26	Vinokurov, Konstantin	Search for Cry toxin receptors and activities of Cry3A derivatives in beetles. (P)
	Mostafa, Moataz	
27	Hussein, Hany Mohamed	Susceptibility to entomopathogenic nematodes in caterpillars fed transgenic food plants(P)
28	Svobodová, Zdeňka	Arthropod communities in the maize field: comparison of transgenic MON 88017 with near-isogenic and non-transgenic maize (P)
29	Zemek, Rostislav	Effects of Bt-maize on development and reproduction of <i>Tetranychus urticae</i> (Acari: Tetranychidae) (P)
30	Sauer, Annette	Quantification of Cry3Bb1, Cry2Ab2 and Cry1A.105 in transgenic corn MON89034 x MON 88017 (P)
31	Hubert, Jan	Searching of novel substances with acaricidal effect to suppress stored product mites (P)

## 7 Miscellaneous reports on invertebrate reproduction and development

Convenor:

Chairmen: J. Koene, V. Yushin

	participant	title of poster (P)
32	Hodgson, Alan	Some life history traits of an introduced amphipod ( <i>Platorchestia platensis</i> ) in a South African estuary (P)
33	Suzuki, Atsushi	Ultrastructure of the gonad of a hemaphroditic marine tardigrade, <i>Orzeliscus belopus</i> . (P)
34	Sidorov, Roman	Adenosine receptor mutation influences mosaic clone survival in imaginal discs during <i>Drosophila</i> development (P)
35	Snyman, Reinette Georganie	Changes in oocyte numbers in the ovotestis of <i>Helix aspersa</i> , as biomarker of copper oxychloride exposure (P)
36	Caldwell, Gary	Inhibition of sperm motility by diatom-derived polyunsaturated aldehydes (P)
37	Toshie, Matsumoto	Variation in vitellogenin and ER expressions through oocyte development in the Pacific oyster, <i>Crassostrea gigas</i> (P)
38	Hajer, Jaromír	Role of male dragline silk by mating <i>Theridiosoma gemmosum</i> (Areaneae: Theridiosomatidae): Silk as nuptial food, nuptial gift, or a means of sexual cannibalism? (P)
39	Wright, Stephanie	Sperm activation in acorn barnacles by elevation of seawater pH. (P)
40	Sczibilanski, Anika	Identification of molecular mechanisms of germ cell specification in the polychaete <i>Platynereis dumerilii</i> (P)

41	Ramirez, Martin	Male Remating Success and the Frequency of Copulatory Plugs in the Green Lynx Spider <i>Peucetia viridans</i> (Araneae, Oxyopidae) (P)
42	Doyle, Gina	Novel gametogenic maturity stage index for the quantitative study of reproductive synchrony in marine invertebrates (P)
43	Yushin, Vladimir	Uterium, uterus and spermatozoa of the nematode <i>Sphaerularia vespae</i> (Nematoda, Sphaerularioidea), the hornet parasite (P)