

**S7-2 (Room Great Hall West) Symposium: Metamorphosis: A Multi-Kingdom Approach**

**08:00 S7-2.1** (*DEDB*) HEYLAND, Andreas, MOROZ, Leonid/L; SEARCH FOR NEURONAL TRANSCRIPTS INVOLVED IN THE METAMORPHIC TRANSITION OF THE SEA HARE *APLYSIA CALIFORNICA*

**08:30 S7-2.2** (*DIZ*) PIRES, A; Signals Mediating Rapid Loss of Cell Adhesion in Metamorphosis

**09:00 S7-2.3** (*DEDB*) JACOBS, MW, DEGNAN, BM; Delay of Metamorphosis in Solitary Ascidians: Genetics, Morphology, and Ecology

**09:30 S7-2.4** (*DCE*) DENVER, Robert/J, CRESPI, Erica/J; Hormones translate environmental information to time amphibian metamorphosis

**10:30 S7-2.5** (*DCE*) YOUSON, J.H.; Lamprey metamorphosis and a theory on the evolution of adult life history types

**11:00 S7-2.6** FLATT, T; Juvenile Hormone as an Effector of Metamorphosis and Life History Transitions

**11:30 S7-2.7** EREZYILMAZ, Deniz F, RIDDIFORD, Lynn M, TRUMAN, James W; An ancestral role for the metamorphosis-determining gene, *broad* in the direct-developing milkweed bug.

**S8-2 (Room Scotland A) Symposium: Genomic and Proteomic Approaches in Crustacean Biology**

**08:00 S8-2.1** GROSS, P.S.; Functional genomics approaches to understanding stress responses and disease in shrimp

**08:30 S8-2.2** MCCLINTOCK, Timothy S., DERBY, Charles D., ACHE, Barry W.; PHYSIOLOGICAL GENOMICS OF LOBSTER OLFACTION

**09:00 S8-2.3** (*DCE*) DURICA, D.S., KUPFER, D., NAJAR, F., SO, S., TANG, Y., GRIFFIN, K.; Limb Regeneration and Expressed Sequence Tag Sequencing in Fiddler Crab

**09:30 S8-2.4** (*DCPB*) MYKLES, D.L.; Proteomics and signal transduction in the crustacean molting gland

**10:30 S8-2.5** (*DCPB*) SHAFER, T.H.; Expressed sequence tag sequencing to identify genes involved in exoskeleton calcification in the blue crab

**11:00 S8-2.6** (*DCPB*) TERWILLIGER, N.B.\*, RYAN, M., PHILLIPS, M.; Crustacean Hemocyanin Gene Family: Oxygen Probes of the Global Gene Scene

**S9-2 (Room Scotland B) Symposium: EcoPhysiology and Conservation: The Contributions of Energetics**

**08:00 S9-2.1** (*DCPB*) PORTER, W.P., VAKHARIA, N., DUFFY, D.C.; Modeling the energetics and behavior of the rare (extinct?) Po'ouli on the landscape of Maui

**08:30 S9-2.2** MCNAB, BK; The energetics of reproduction in endotherms and its implications for their conservation

**09:00 S9-2.3** (*DCPB*) WOODS, W. A. Jr., STEVENSON, R. D. ; Condition Indices for Conservation: New Uses for Evolving Tools

**09:30 S9-2.4** (*DEE*) TRACY, C. R., NUSSEAR, K, ESQUE, T, ZIMMERMAN, L, DEAN-BRADLEY, K, CASTLE, K; Overview of Conservation Physiology