

S1 (Room Scotland B) Symposium: Ecological Immunology: Recent Advances and Applications for Conservation and Public Health

- 08:00 S1.1** MATSON, K.D., KLASING, K.C., SCHEUERLEIN, A., RICKLEFS, R.E.; Immune function differences between continental and island forms: a symptom of an island syndrome?
- 08:30 S1.2** (DEE) LEE, KA, WIKELSKI, M, KLASING, KC; Indices of humoral and innate immunity in tropical birds according to diet and habitat type
- 09:00 S1.3** COHEN, C.S., TIRINDELLI, J., GOMEZ-CHIARRI, M., GAUGER, E., NACCI, D.; Major Histocompatibility Complex (MHC) variation at the population level: making the most of functional and structural models, with an example using estuarine fish
- 09:30 S1.4** (DCPB) MARTIN, LB, WEIL, ZM, NELSON, RJ; The immune defenses of rodents: model systems for bridging conservation, medicine, and ecophysiology.
- 10:30 S1.5** CATTADORI, Isabella M; The effect of immunity and seasonality on pattern of infection
- 11:00 S1.6** MYDLARZ, L.D., WARD, J.R., HARVELL, C.D.; The Dynamics of Immunocompetence and Climate Drivers in Coral Response to Disease
- 11:30 S1.7** KIM, CH; The Role of Arsenic in Modulating Innate Immunity in the Zebrafish
- 13:00 S1.8** TOWNSON, D.H.; Immune cell-endothelial cell interactions in the bovine corpus luteum.
- 13:30 S1.9** (DCE) LUTTON, B.V., CALLARD, I.P.; Endocrine-Immune Interactions and Reproduction in Elasmobranchs: Investigations of the Little Skate, *Leucoraja erinacea*
- 14:00 S1.10** WALSH, C.J., LUER, C.A., BODINE, A.B., LITMAN, G.W., ANDERSON, M.K., MIRACLE, A.L.; The Immune System of Elasmobranch Fishes
- 14:30 S1.11** FAHEY, J/V, SCHAEFER, T/M, WIRA, C/R; Innate and Adaptive Immunity in the Human Female Reproductive Tract: Regulation by Sex Hormones

S2-1 (Room Great Hall West) Symposium: Zebrafish in Comparative Context

- 08:00 S2-1.1** (DSEB) MAYDEN, R. L., CONWAY, K., CHAMBERLAIN, S., HASKINS, M., SCHNEIDER, L., SUDKAMP, M.; Phylogenetic Relationships of *Danio* within the Order Cypriniformes: A Framework for Comparative and Evolutionary Studies of a Model Species.
- 08:30 S2-1.2** COOPER, Mark S, VIRTA, Valerie M; Evolution of Gastrulation in the Actinopterygian (Ray-Finned) Fishes
- 09:00 S2-1.3** (DEDB) POSTLETHWAIT, John/H, YAN, Yi-Lin, AMORES, Angel, CRESKO, Bill, SINGER, Amy, RUBIN, David; Consequences of genome duplication for the evolution of developmental mechanisms in teleost fish
- 09:30 S2-1.4** KOCHER, Thomas D; From Natural Systems to Laboratory Models: Comparative Genomics of Teleost Fishes
- 10:30 S2-1.5** HALPERN, ME, KUAN, YS, SANTHAKUMAR, K, GAMSE, JT; Left-Right Asymmetry in the Zebrafish Brain
- 11:00 S2-1.6** FETCHO, J.R.; The comparative biology of spinal motor networks in zebrafish
- 11:30 S2-1.7** (DVM) WEBB, J.F.; Development of the Lateral Line System in Teleost Fishes: Zebrafish and Beyond

S3-1 (Room Great Hall East) Symposium: Biomechanics and Neuromuscular Control

- 13:00 S3-1.1** (DNB) SATTERLIE, R., SZYMIK, B.; Changing Locomotory Speed in a Mollusk: From Neurons to Mechanics
- 13:30 S3-1.2** (DNB) CHIEL, Hillel J; Neuromechanics of Multifunctionality
- 14:00 S3-1.3** (DCPB) DANIEL, T., HEDRICK, T; Inverse analysis of flight control of Hawkmoths
- 14:30 S3-1.4** (DVM) HALE, M. E.; Cells, circuits and swimming: examining the neuromuscular control of locomotion with the zebrafish (*Danio rerio*).