### 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*).