S2-2 (Room Great Hall West) Symposium: Zebrafish in Comparative Context

08:00 S2-2.1 (DEDB) MABEE, P.M.; Integrating CToL-related studies with available phenotype and genomics databases for the zebrafish
08:30 S2-2.2 MCCUNE, A.R.; Insights from natural variation in Danio rerio
09:00 S2-2.3 SCHILLING, TF; Craniofacial development and evolution in gnathostomes
09:30 S2-2.4 (DEDB) HERNANDEZ, LP; Zebrafish: A model system for investigating the generation of novel feeding mechanisms
10:30 S2-2.5 KIMMEL, CHARLES B., MCGUIGAN, KATRINA, ULLMANN, BONNIE, CURREY, MARK, CRESKO, WILLIAM A.; Dorsoventral Patterning of Facial Bone Morphology
11:00 S2-2.6 (DEDB) STOCK, D.W.; Comparative studies of tooth development in teleost fishes
11:30 S2-2.7 PARICHY, D.M.; Evolutionary genetics of danio pigment pattern development

S3-2 (Room Great Hall East) Symposium: Biomechanics and Neuromuscular Control

08:00 S3-2.1 NICHOLS, T. Richard; Differing Roles of Length and Force Feedback in the Regulation of Motor Coordination
08:30 S3-2.2 (DVM) BIEWENER, Andrew A.; Neuromuscular dynamics: passive versus active control of locomotion and stability.
09:00 S3-2.3 (DCPB) AHN, Anna N; Translating a Neural Signal into a Mechanical Output
09:30 S3-2.4 (DVM) AERTS , P; Locomotor performance and strategies in frogs: a simple modelling approach
10:30 S3-2.5 (DNB) NISHIKAWA, KC, LAPPIN, AK, MONROY, JA, PILARSKI, JQ, PIEROTTI, DJ; Neuromechanics of elastic energy storage and recovery during ballistic movements
11:00 S3-2.6 (DCPB) FULL, R.J.; Principles of Neuromechanics: Integration of Experiments, Mathematical and Physical Models
11:30 S3-2.7 QUINN, R.D., RITZMANN, R.E., CHIEL, H.J., VAIDYANATHAN, R.; Neuromechanics of Biorobots

S4 (Room Scotland B) Symposium: Integrating Function over Marine Life Cycles

08:00 S4.1 (DIZ) PODOLSKY, R.D., MORAN, A.L.; Functional links and carryover effects across life cycles
08:30 S4.2 PEARSON, GARETH A, SERRAO, ESTER A; REVISITING SYNCHRONOUS SPAWNING IN SEAWEEDS IS IT JUST ABOUT SEX?
09:00 S4.3  YUND, P.O., JOHNSON, S.L., CONNOLLY, L.E.; Multiple paternity and subsequent fusion/rejection interactions in a colonial ascidian

09:30 S4.4  (DIZ) PHILLIPS, N.E., SHIMA, J.S.; Recruitment of marine organisms around Wellington, New Zealand: a model natural system to examine causes and consequences of variability in larval quality in mussels and reef fish

10:30 S4.5  THORNBER, C.S.; Functional properties of algal life cycles

11:00 S4.6  GIMéNEZ, L; Functional links among life phases and the consequences for individual performance in decapod crustaceans

13:00 S4.7  SPONAUGLE, S., GRORUD-COLVERT, K.; Influence of early life history traits on recruitment success and early survival in a coral reef fish

13:30 S4.8  (DIZ) EMLET, R.B.; Functional and ecological limits on size at metamorphosis of marine invertebrates

14:00 S4.9  (DIZ) WENDT, D.E., JOHNSON, C.H.; Availability of dissolved organic matter (DOM) reduces carryover performance consequences for the marine bryozoan Bugula neritina

14:30 S4.10  MARSHALL, D.J.; Transgenerational Offspring Size Effects in Marine Invertebrates

S5-1 (Room Great Hall East) Symposium: Movers and Shakers: The Evolution and Development of Mesoderm

13:00 S5-1.1  (DEDB) DEGNAN, BM, ADAMSKA, M; Pre-mesoderm: the expression of Wnts during sponge gastrulation and their ancestral role in metazoan development