RESEARCH ARTICLES

1257  Phosphorylation of SNAP-23 regulates its dynamic membrane association during mast cell exocytosis  
Naskar, P. and Puri, N.

1270  Dlx3b/4b is required for early-born but not later-forming sensory hair cells during zebrafish inner ear development  
Schwarzer, S., Spieß, S., Brand, M. and Hans, S.

1279  EsGLUT4 and CHHBP are involved in the regulation of glucose homeostasis in the crustacean Erinocheir sinensis  

1290  The probability of wing damage in the dragonfly Sympetrum vulgatum (Anisoptera: Libellulidae): a field study  
Rajabi, H., Schroeter, V., Eshghi, S. and Gorb, S. N.

1294  Fat-containing cells are eliminated during Dictyostelium development  
Kornek, J. M. and Maniak, M.

1305  Standard metabolic rate predicts growth trajectory of juvenile Chinese crucian carp (Carassius auratus) under changing food availability  
Zeng, L.-Q., Zhang, A.-J., Killen, S. S., Cao, Z.-D., Wang, Y.-X. and Fu, S.-J.

1310  Targeting long non-coding RNA DANCR inhibits triple negative breast cancer progression  
Sha, S., Yuan, D., Liu, Y., Han, B. and Zhong, N.

1317  Metabolomics reveals variation and correlation among different tissues of olive (Olea europaea L.)  
Guodong, R., Xiaoxia, L., Weiwei, Z., Wenjun, W. and Jianguo, Z.

1324  WASP-Arp2/3-dependent actin polymerization influences fusogen localization during cell-cell fusion in Caenorhabditis elegans embryos  
Zhang, Y., Yang, Y., Zhu, Z. and Ou, G.

1329  The effects of the exopolysaccharide and growth rate on the morphogenesis of the terrestrial filamentous cyanobacterium Nostoc flagelliforme  
Cui, L., Xu, H., Zhu, Z. and Gao, X.

1336  The expression of Ldh-c in the skeletal muscle of plateau pika (Ochotona curzoniae) enhances adaptation to a hypoxic environment  
An, Z. F., Wei, D. B., Wei, L., Wang, Y. and Wei, L. N.

1342  Regulatory RNPs: a novel class of ribonucleoproteins that potentially contribute to ribosome heterogeneity  
Poole, A. R., Vicino, I., Adachi, H., Yu, Y.-T. and Hebert, M. D.

1355  PQN-75 is expressed in the pharyngeal gland cells of Caenorhabditis elegans and is dispensable for germline development  

1364  Distinct intestinal adaptation for vitamin B12 and bile acid absorption revealed in a new mouse model of massive ileocecal resection  
Matsumoto, Y., Mochizuki, W., Akiyama, S., Matsumoto, T., Nozaki, K., Watanabe, M. and Nakamura, T.

1375  Differential expression of sirtuin 2 and adipocyte maturation restriction: an adaptation process during hypoxia in fish  
Ekambaram, P. and Parasuraman, P.

1383  Architectural delineation and molecular identification of extracellular matrix in ascidian embryos and larvae  
Wei, J., Wang, G., Li, X., Ren, P., Yu, H. and Dong, B.

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1391  An ex vivo model using human peritoneum to explore mesh-tissue integration  
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1396  The utility of accelerometers to predict stroke rate in captive fur seals and sea lions  
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1401  CORRECTION: Surviving murine experimental sepsis affects the function and morphology of the inner ear  