Innovative approaches to establish and characterize primary cultures: an ex vivo 3D system and the zebrafish model

Enhancing NAD⁺ salvage metabolism is neuroprotective in a PINK1 model of Parkinson’s disease
Lehmann, S., Loh, S. H. Y. and Martins, L. M.

Meningeal retinoic acid contributes to neocortical lamination and radial migration during mouse brain development
Haushalter, C., Schuhbaur, B., Dollé, P. and Rhinn, M.

Protein kinase C is involved with upstream signaling of methyl farnesoate for photoperiod-dependent sex determination in the water flea Daphnia pulex
Toyota, K., Sato, T., Tatarazako, N. and Iguchi, T.

The Crumbs_C isofrom of Drosophila shows tissue- and stage-specific expression and prevents light-dependent retinal degeneration
Spannl, S., Kumichel, A., Hebbar, S., Kapp, K., Gonzalez-Gaitan, M., Winkler, S., Blawid, R., Jessberger, G. and Knust, E.

A feedback mechanism between PLD and deoxyribonuclease PARN for the shortening of eukaryotic poly(A) mRNA tails that is deregulated in cancer cells
Miller, T. E. and Gomez-Cambronero, J.

A developmental transcriptomic analysis of Pax1 and Pax9 in embryonic intervertebral disc development

A polycystin-type transient receptor potential (Trp) channel that is activated by ATP
Traynor, D. and Kay, R. R.

Diet quality determines lipase gene expression and lipase/esterase activity in Daphnia pulex
Kousoroplis, A.-M., Schwarzenberger, A. and Wacker, A.

Lipid droplet dynamics during Schizosaccharomyces pombe sporulation and their role in spore survival
Yang, H.-J., Osakada, H., Kojidani, T., Haraguchi, T. and Hiraoka, Y.

Analysis of the Fgfr2C342Y mouse model shows condensation defects due to misregulation of Sox9 expression in prechondrocytic mesenchyme
Peskett, E., Kumar, S., Baird, W., Jaiswal, J., Li, M., Patel, P., Britto, J. A. and Pauws, E.

Dynamic analysis of the mesenchymal-epithelial transition of blood-brain barrier forming glia in Drosophila
Schwabe, T., Li, X. and Gaul, U.

Establishment and maintenance of sexual preferences that cause a reproductive isolation between medaka strains in close association
Ikawa, M., Ohya, E., Shimada, H., Kamijo, M. and Fukamachi, S.

MiR-142 modulates human pancreatic cancer proliferation and invasion by targeting hypoxia-inducible factor 1 (HIF-1α) in the tumor microenvironments
Lu, Y., Ji, N., Wei, W., Sun, W., Gong, X. and Wang, X.

Trehalose 6-phosphate signal is closely related to sorbitol in apple (Malus domestica Borkh. cv. Gala)
Zhang, W., Lunn, J. E., Feil, R., Wang, Y., Zhao, J., Tao, H., Guo, Y. and Zhao, Z.

The effect of foot posture on capacity to apply free moments to the ground: implications for fighting performance in great apes
Carrier, D. R. and Cunningham, C.

Identification of SSR markers closely linked to the yellow seed coat color gene in heading Chinese cabbage (Brassica rapa L. ssp. pekinensis)
Ren, Y., Wu, J., Zhao, J., Hao, L. and Zhang, L.

Vasotocin receptor blockade disrupts maternal care of offspring in a viviparous snake, Sistrurus miliarius
Lind, C. M., Birky, N. K., Porth, A. M. and Farrell, T. M.

Oocyte shuttle, a recombinant protein transporting donor DNA into the Xenopus oocyte in situ
Rungger, D., Muster, L., Georgiev, O. and Rungger-Brändle, E.

A genetically encoded biosensor for visualising hypoxia responses in vivo
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>306</td>
<td>CORRESPONDENCE</td>
<td>On the importance of understanding physiology when estimating energetics in cetaceans</td>
<td>Folkow, L. P. and Blix, A. S.</td>
</tr>
<tr>
<td>307</td>
<td>Response to ‘On the importance of understanding physiology when estimating energetics in cetaceans’</td>
<td>Fahlman, A., van der Hoop, J., Moore, M. J., Levine, G., Rocho-Levine, J. and Brodsky, M.</td>
<td></td>
</tr>
</tbody>
</table>