



**Cover:** Thekkinghat et al. show V5-tagged Apolipoprotein L9 stably expressed in B16F10 mouse melanoma cells. ApoL9 localizes to structures similar to ALIS (aggresome-like induced structures). When the cells are treated with the microtubule depolymerizing agent nocodazole, ALIS-like structures increase in number. ApoL9 is stained with an anti-V5 antibody (red), and nuclei are stained with Hoechst 33342 (blue). Image licensed under a Creative Commons Attribution 4.0 International license.

## RESEARCH ARTICLES

The *torso-like* gene functions to maintain the structure of the vitelline membrane in *Nasonia vitripennis*, implying its co-option into *Drosophila* axis formation

**Taylor, S. E., Tuffery, J., Bakopoulos, D., Lequeux, S., Warr, C. G., Johnson, T. K. and Dearden, P. K.**

bio046284

Apolipoprotein L9 interacts with LC3/GABARAP and is a microtubule-associated protein with a widespread subcellular distribution

**Thekkinghat, A. A., Yadav, K. K. and Rangarajan, P. N.**

bio045930

The circular RNA PVT1/miR-203/HOXD3 pathway promotes the progression of human hepatocellular carcinoma

**Zhu, Y., Liu, Y., Xiao, B., Cai, H., Liu, M., Ma, L., Yin, H. and Wang, F.**

bio043687

Failure to identify modifiers of *NEBULIN*-related nemaline myopathy in two pre-clinical models of the disease

**Qiu, B., Ruston, J., Granzier, H., Justice, M. J. and Dowling, J. J.**

bio044867

Characteristics and function of a novel cystatin gene in the pine wood nematode *Bursaphelenchus xylophilus*

**Xue, Q. and Wu, X.-Q.**

bio042655

Experimental model of peri-prosthetic infection of the knee caused by *Staphylococcus aureus* using biomaterials representative of modern TKA

**Morris, J. L., Letson, H. L., Grant, A., Wilkinson, M., Hazratwala, K. and McEwen, P.**

bio045203

Feedback loops in the Plk4–STIL–HsSAS6 network coordinate site selection for procentriole formation

**Takao, D., Watanabe, K., Kuroki, K. and Kitagawa, D.**

bio047175

Requirement of IFT-B–BBSome complex interaction in export of GPR161 from cilia

**Nozaki, S., Castro Araya, R. F., Katoh, Y. and Nakayama, K.**

bio043786

CT-2A neurospheres-derived high-grade glioma in mice: a new model to address tumor stem cells and immunosuppression

**Riva, M., Wouters, R., Weerasekera, A., Belderbos, S., Nittner, D., Thal, D. R., Baert, T., Giovannoni, R., Gsell, W., Himmelreich, U., Van Ranst, M. and Coosemans, A.**

bio044552

Overexpression of an alfalfa glutathione S-transferase gene improved the saline-alkali tolerance of transgenic tobacco

**Du, B., Zhao, W., An, Y., Li, Y., Zhang, X., Song, L. and Guo, C.**

bio043505

RAB21 interacts with TMED10 and modulates its localization and abundance

**Del Olmo, T., Lacarrière-Keïta, C., Normandin, C., Jean, D., Boisvert, F.-M. and Jean, S.**

bio045336

*Fgf8a* mutation affects craniofacial development and skeletal gene expression in zebrafish larvae

**Gebuijs, I. G. E., Raterman, S. T., Metz, J. R., Swanenberg, L., Zethof, J., Van den Bos, R., Carels, C. E. L., Wagener, F. A. D. T. G. and Von den Hoff, J. W.**

bio039834

Knockdown of HE4 suppresses aggressive cell growth and malignant progression of ovarian cancer by inhibiting the JAK/STAT3 pathway

**Wang, A., Jin, C., Tian, X., Wang, Y. and Li, H.**

bio043570

The auxiliary ESCRT complexes provide robustness to cold in poikilothermic organisms

**Bäumers, M., Kloese, S., Brüser, C., Haag, C., Hänsch, S., Pannen, H., Weidtkamp-Peters, S., Feldbrügge, M. and Klein, T.**

bio043422

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