



Cover: Subretinal fibrotic lesion labeled with GFP-positive pericytes (green) originated from the choroid and fibronectin (red), an extracellular matrix component (nuclei labeled with DAPI, blue). See article by Luo et al. (dmm032060). Cover image is licensed under a Creative Commons Attribution 4.0 International license.

AT A GLANCE

A peek into cancer-associated fibroblasts: origins, functions and translational impact

LeBleu, V. S. and Kalluri, R.

dmm029447

REVIEW

Animal models for bone tissue engineering and modelling disease

McGovern, J. A., Griffin, M. and Hutmacher, D. W.

dmm033084

RESEARCH ARTICLES

CD40-mediated HIF-1 α expression underlying microangiopathy in diabetic nerve pathology

Kan, H.-W., Hsieh, J.-H., Chien, H.-F., Lin, Y.-H., Yeh, T.-Y., Chao, C.-C. and Hsieh, S.-T.

dmm033647

Daunorubicin reduces MBNL1 sequestration caused by CUG-repeat expansion and rescues cardiac dysfunctions in a *Drosophila* model of myotonic dystrophy

Chakraborty, M., Sellier, C., Ney, M., Pascal, V., Charlet-Berguerand, N., Artero, R. and Llamusi, B.

dmm032557

Choroidal pericytes promote subretinal fibrosis after experimental photocoagulation

Luo, X., Yang, S., Liang, J., Zhai, Y., Shen, M., Sun, J., Feng, Y., Lu, X., Zhu, H., Wang, F. and Sun, X.

dmm032060

Sporadic amyotrophic lateral sclerosis (SALS) – skeletal muscle response to cerebrospinal fluid from SALS patients in a rat model

Shanmukha, S., Narayanappa, G., Nalini, A., Alladi, P. A. and Raju, T. R.

dmm031997

RESOURCE ARTICLES

Truncated C-terminus of fibrillin-1 induces Marfanoid-progeroid-lipodystrophy (MPL) syndrome in rabbit

Chen, M., Yao, B., Yang, Q., Deng, J., Song, Y., Sui, T., Zhou, L., Yao, H. B., Xu, Y., Ouyang, H., Pang, D., Li, Z. and Lai, L.

dmm031542

Generation of a double binary transgenic zebrafish model to study myeloid gene regulation in response to oncogene activation in melanocytes

Kenyon, A., Gavriouchkina, D., Zorman, J., Chong-Morrison, V., Napolitani, G., Cerundolo, V. and Sauka-Spengler, T.

dmm030056