



Cover: Transmission electron micrograph of an abnormal myelin ultrastructure, including splitting of myelin, is found in the central nervous system white matter of *DMD^{mdx}* mice, a mouse model for Duchenne muscular dystrophy. See article by Arreguin et al. (dmm050115). Cover image is licensed under a [Creative Commons Attribution 4.0 International license](#).

PERSPECTIVE

Modelling the micro- and macro- environment of pancreatic cancer: from patients to pre-clinical models and back
Lloyd, E. G., Henríquez, J. A. and Biffi, G.
dmm050624

AT A GLANCE

Degron tagging for rapid protein degradation in mice
Hernández-Morán, B. A., Taylor, G., Lorente-Macías, Á. and Wood, A. J.
dmm050613

REVIEW

Molecular functions of ANKLE2 and its implications in human disease
Fishburn, A. T., Florio, C. J., Lopez, N. J., Link, N. L. and Shah, P. S.
dmm050554

RESEARCH ARTICLES

Dmd^{mdx} mice have defective oligodendrogenesis, delayed myelin compaction and persistent hypomyelination
Arreguin, A. J., Shao, Z. and Colognato, H.
dmm050115

The BALB/*c.mdx62* mouse exhibits a dystrophic muscle pathology and is a model of Duchenne muscular dystrophy
Swiderski, K., Chan, A. S., Herold, M. J., Kueh, A. J., Chung, J. D., Hardee, J. P., Trieu, J., Chee, A., Naim, T., Gregorevic, P. and Lynch, G. S.
dmm050502

HIF-1 α -dependent upregulation of angiogenic factors by mechanical stimulation in retinal pigment epithelial cells
Ashimori, A., Higashijima, F., Ogata, T., Sakuma, A., Hamada, W., Sunada, J., Aoki, R., Mikuni, M., Hayashi, K., Wakuta, M., Yoshimoto, T., Minamoto, A., Ko, J.-A. and Kimura, K.
dmm050640

Promoting mitochondrial dynamics by inhibiting the PINK1–PRKN pathway to relieve diabetic nephropathy
Zhu, J., van de Leemput, J. and Han, Z.
dmm050471

In silico study of the mechanisms of hypoxia and contractile dysfunction during ischemia and reperfusion of hiPSC cardiomyocytes
Forouzandehmehr, M., Paci, M., Hyttinen, J. and Koivumäki, J. T.
dmm050365

Neurodevelopmental defects in a mouse model of O-GlcNAc transferase intellectual disability
Authier, F., Ondruskova, N., Ferenbach, A. T., McNeilly, A. D. and van Aalten, D. M. F.
dmm050671

Taurine activates the AKT–mTOR axis to restore muscle mass and contractile strength in human 3D *in vitro* models of steroid myopathy
Mughal, S., Sabater-Arcis, M., Artero, R., Ramón-Azcón, J. and Fernández-Costa, J. M.
dmm050540

FIRST PERSON

First person – Mohamadamin Forouzandehmehr
dmm050812

First person – Sheeza Mughal
dmm050778

CORRECTION

Correction: OPA1 deficiency impairs oxidative metabolism in cycling cells, underlining a translational approach for degenerative diseases
Millet, A. M. C., Coustham, C., Champigny, C., Merabet, N., Botella, M., Demeilliers, C., Devin, A., Galinier, A., Belenguer, P., Bordeneuve-Guibé, J. and Davezac, N.
dmm050815