



**Cover:** False-colour images of cross-sections of the beating mouse heart acquired using cine-magnetic resonance imaging (MRI) at the apical (top row), mid-ventricular (middle row) and basal (bottom row) levels throughout the cardiac cycle (left to right). Such images are used to investigate cardiac morphology and quantify function *in vivo*. See article by Hasham et al. on page 259. Cover image by D. Stuckey is licensed under a Creative Commons Attribution 4.0 International licence.

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