

**AUSTRALIAN REGENERATIVE MEDICINE INSTITUTE (ARMI)**  
**HIGH IMPACT FACTOR RESEARCH PUBLICATIONS FOR 2010**

1. **EuroPhenome: a repository for high-throughput mouse phenotyping data.** Morgan, H., Beck, T., Blake, A., Gates, H., Adams, N., Debouzy, G., Leblanc, S., Lengger, C., Maier, H., Melvin, D., Meziane, H., Richardson, D., Wells, S., White, J., Wood, J., de Angelis, M.H., Brown, S.D., Hancock, J.M. & Mallon, A.M. *Nucleic Acids Res.* 2010 Jan;38(Database issue):D577-85. Epub 2009 Nov 23.
2. **Distinct Roles for Cell-Autonomous Notch Signaling in Cardiomyocytes of the Embryonic and Adult Heart.** Kratsios, P., Catela, C., Salimova, E., Huth, M., Berno, V., Rosenthal, N. & Mourkioti, F. *Circ Res.* 2009 Dec 10.
3. **A CREB-C/EBPbeta cascade induces M2 macrophage-specific gene expression and promotes muscle injury repair.** Ruffell, D., Mourkioti, F., Gambardella, A., Kirstetter, P., Lopez, R.G., Rosenthal, N. & Nerlov, C. *Proc Natl Acad Sci U S A.* 2009 Oct 13;106(41):17475-80. Epub 2009 Sep 24.
4. **Post-publication sharing of data and tools.** Schofield, P.N., Bubela, T., Weaver, T., Portilla, L., Brown, S.D., Hancock, J.M., Einhorn, D., Tocchini-Valentini, G., Hrabe de Angelis, M. & Rosenthal, N. *Nature.* 2009 Sep 10;461(7261):171-3.
5. **Multiple congenital malformations of Wolf-Hirschhorn syndrome are recapitulated in Fgfr1 null mice.** Catela, C., Bilbao-Cortes, D., Slonimsky, E., Kratsios, P., Rosenthal, N. & te Welscher, P. *Dis Model Mech.* 2009 May-Jun;2(5-6):283-94. Epub 2009 Apr 21.
6. **Models for financial sustainability of biological databases and resources.** Chandras, C., Weaver, T., Zouberakis, M., Smedley, D., Schughart, K., Rosenthal, N., Hancock, J.M., Kollias, G., Schofield, P.N. & Aidinis, V. *Database (Oxford).* 2009;2009:bap017. Epub 2009 Oct 23.
7. **Anatomical changes in the primary visual cortex of the congenitally blind Crx-/- mouse, Neuroscience.** Goldshmit, Y., S. Galley, D. Foo, E. Sernagor, and J.A. Bourne, Anatomical changes in the primary visual cortex of the congenitally blind Crx-/- mouse, *Neuroscience.* E-Pub: p. 1-13
8. **The zebrafish dystrophic mutant softy maintains muscle fibre viability despite basement membrane rupture and muscle detachment, Development.** Jacoby, A.S., E. Busch-Nentwich, R.J. Bryson-Richardson, T.E. Hall, J. Berger, S. Berger, C. Sonntag, C. Sachs, R. Geisler, D.L. Stemple, and P.D. Currie, The zebrafish dystrophic mutant softy maintains muscle fibre viability despite basement membrane rupture and muscle detachment, *Development.* 136(19): p. 3367-76.
9. **Real-time observation of Wnt beta-catenin signaling in the chick embryo, Developmental Dynamics** Anne C. Rios, Nicolas Denans, Christophe Marcelle, Real-time observation of Wnt beta-catenin signaling in the chick embryo, **Developmental Dynamics**, Volume 239, Issue 1, Pages 346 - 353, Published Online: 15 Dec 2009, **Developmental Dynamics** 239:346-353, 2010.