

6. Developmental Research

Afshar, K., Willard, F.S., Colombo, K., Johnston, C.A., McCudden, C.R., Siderovski, D.P., and Gonczy, P.:
RIC-8 is required for GPR-1/2-dependent Galpha function during asymmetric division of *C. elegans* embryos
Cell 119(2): 219-230 (2004)

<http://www.cell.com/retrieve/pii/S0092867404008992>

Afshar, K., Willard, F.S., Colombo, K., Siderovski, D.P., and Gonczy, P.:
Cortical localization of the Galpha protein GPA-16 requires RIC-8 function during *C. elegans* asymmetric cell division

Development 132(20): 4449-4459 (2005)

<http://dev.biologists.org/content/132/20/4449.long>

Aguilar-Mahecha, A., Hales, B.F., and Robaire, B.:
Effects of acute and chronic cyclophosphamide treatment on meiotic progression and the induction of DNA double-strand breaks in rat spermatocytes

Biol Reprod 72(6): 1297-1304 (2005)

<http://www.bioreprod.org/content/72/6/1297.long>

Ame, J.C., Spenlehauer, C., and de Murcia, G.:

The PARP superfamily

Bioessays 26(8): 882-893 (2004)

<http://onlinelibrary.wiley.com/doi/10.1002/bies.20085/abstract>

Bieber, A.M., Marcon, L., Hales, B.F., and Robaire, B.:

Effects of chemotherapeutic agents for testicular cancer on the male rat reproductive system, spermatozoa, and fertility

J Androl 27(2): 189-200 (2006)

<http://www.andrologyjournal.org/cgi/content/full/27/2/189>

Capuco AV, Choudhary RK, Daniels KM, Li RW and Evock-Clover CM:

Bovine mammary stem cells: cell biology meets production agriculture

Animal 2011, page 1 of 12, doi:10.1017/S1751731111002369

<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8467697>

Demonbreun AR, Lapidos KA, Heretis K, Levin S, Dale R, Pytel P, Svensson EC, McNally EM:

Myoferlin regulation by NFAT in muscle injury, regeneration and repair

J Cell Sci. 2010 Jul 15;123(Pt 14):2413-22

<http://jcs.biologists.org/content/123/14/2413.short>

Franco A, Jouaux A, Mathieu M, Sourdain P, Lelong C, Kellner K, Heude Berthelin C:

Proliferating cell nuclear antigen in gonad and associated storage tissue of the Pacific oyster *Crassostrea gigas*: seasonal immunodetection and expression in laser microdissected tissues

Cell Tissue Res 340(1):201-10 (2010)

<http://www.springerlink.com/content/f623163643701145/>

Garcia CM, Huang J, Madakashira BP, Liu Y, Rajagopal R, Dattilo L, Robinson ML, Beebe DC:

The function of FGF signaling in the lens placode

Dev Biol 351(1):176-85 (2011)

<http://dx.doi.org/10.1016/j.ydbio.2011.01.001>

Gupta D, Harvey SA, Kaminski N, Swamynathan S:

Mouse conjunctival forniceal gene expression during postnatal development and its regulation by Kruppel-like factor 4

Invest Ophthalmol Vis Sci. 2011 Mar 11. [Epub ahead of print]

<http://www.iovs.org/content/early/2011/03/11/iovs.10-7068.abstract>

Huang SH, Gong TW, Gong SG:

Isolation of epithelial cells in the developing primary lip and palate

J Craniofac Surg. 2011 Sep;22(5):1847-51

http://journals.lww.com/jcraniofacialsurgery/Abstract/2011/09000/Isolation_of_Epithelial_Cells_in_the_Developing_67.aspx

Huang J, Rajagopal R, Liu Y, Dattilo LK, Shaham O, Ashery-Padan R, Beebe DC:

The mechanism of lens placode formation: A case of matrix-mediated morphogenesis

Dev Biol. 2011 Apr 21. [Epub ahead of print]

<http://dx.doi.org/10.1016/j.ydbio.2011.04.008>

Inoue, K., Sakurada, Y., Murakami, M., Shiota, M., and Shiota, K.:

Detection of gene expression of vascular endothelial growth factor and flk-1 in the renal glomeruli of the normal rat kidney using the laser microdissection system

Virchows Arch 442(2): 159-162 (2003)

<http://www.springerlink.com/content/dck2mpaq6a7a8qeu/>

Ko JA, Mizuno Y, Yanai R, Chikama T, Sonoda KH:

Expression of semaphorin 3A and its receptors during mouse corneal development

Biochem Biophys Res Commun 403(3-4):305-9 (2010)

<http://dx.doi.org/10.1016/j.bbrc.2010.11.022>

Lash GE, Innes BA, Drury JA, Robson SC, Quenby S, Bulmer JN:

Localization of angiogenic growth factors and their receptors in the human endometrium throughout the menstrual cycle and in recurrent miscarriage

Hum Reprod. 2011 Nov 10. [Epub ahead of print]

<http://humrep.oxfordjournals.org/content/early/2011/11/09/humrep.der376.long>

Luo Z, Zhang L, Li Z, Li X, Li G, Yu H, Jiang C, Dai Y, Guo X, Xiang J, Li G

An in silico analysis of dynamic changes in microRNA expression profiles in stepwise development of nasopharyngeal carcinoma

BMC Med Genomics. 2012 Jan 19;5(1):3.

<http://www.biomedcentral.com/1755-8794/5/3>

Nawshad, A. and Hay, E.D.:

TGFbeta3 signaling activates transcription of the LEF1 gene to induce epithelial mesenchymal transformation during mouse palate development

J Cell Biol 163(6): 1291-1301 (2003)

<http://jcb.rupress.org/content/163/6/1291.long>

Nawshad, A., LaGamba, D., Olsen, B.R., and Hay, E.D.:

Laser capture microdissection (LCM) for analysis of gene expression in specific tissues during embryonic epithelial-mesenchymal transformation

Dev Dyn 230(3): 529-534 (2004)

<http://onlinelibrary.wiley.com/doi/10.1002/dvdy.20064/full>

Noatynska A, Panbianco C, Gotta M.:

SPAT-1/Bora acts with Polo-like kinase 1 to regulate PAR polarity and cell cycle progression

Development. 2010 Oct;137(19):3315-25.

<http://dev.biologists.org/content/137/19/3315.long>

Olsen Hult LT, Kleiveland CR, Fosnes K, Jacobsen M, Lea T:

EP Receptor Expression in Human Intestinal Epithelium and Localization Relative to the Stem Cell Zone of the Crypts

PLoS ONE 6(10): e26816. doi:10.1371/journal.pone.0026816 (2011)

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0026816>

Rosenwald, A., Wright, G., Leroy, K., Yu, X., Gaulard, P., Gascoyne, R.D., Chan, W.C., Zhao, T., Haioun, C., Greiner, T.C., Weisenburger, D.D., Lynch, J.C., Vose, J., Armitage, J.O., Smeland, E.B., Kvaloy, S., Holte, H., Delabie, J., Campo, E., Montserrat, E., Lopez-Guillermo, A., Ott, G., Muller-Hermelink, H.K., Connors, J.M., Braziel, R., Grogan, T.M., Fisher, R.I., Miller, T.P., LeBlanc, M., Chiorazzi, M., Zhao, H., Yang, L., Powell, J., Wilson, W.H., Jaffe, E.S., Simon, R., Klausner, R.D., and Staudt, L.M.:

Molecular diagnosis of primary mediastinal B cell lymphoma identifies a clinically favorable subgroup of diffuse large B cell lymphoma related to Hodgkin lymphoma

J Exp Med 198(6): 851-862 (2003)

<http://jem.rupress.org/content/198/6/851.long>

Sato, Y., Higuchi, T., Yoshioka, S., Tatsumi, K., Fujiwara, H., and Fujii, S.:

Trophoblasts acquire a chemokine receptor, CCR1, as they differentiate towards invasive phenotype

Development 130(22): 5519-5532 (2003)

<http://dev.biologists.org/content/130/22/5519.long>

Shin JO, Nakagawa E, Kim EJ, Cho KW, Lee JM, Cho SW, Jung HS

miR-200b regulates cell migration via Zeb family during mouse palate development

Histochem Cell Biol. 2012 Jan 20. [Epub ahead of print]

<http://dx.doi.org/10.1007/s00418-012-0915-6>

Spilker AC, Rabilotta A, Zbinden C, Labbé JC, Gotta M:

MAP kinase signaling antagonizes PAR-1 function during polarization of the early Caenorhabditis elegans embryo

Genetics. 2009 Nov;183(3):965-77

<http://www.genetics.org/content/183/3/965.long>

Stanke, M., Duong, C.V., Pape, M., Geissen, M., Burbach, G., Deller, T., Gascan, H., Otto, C., Parlato, R., Schutz, G., and Rohrer, H.:

Target-dependent specification of the neurotransmitter phenotype: cholinergic differentiation of sympathetic neurons is mediated in vivo by gp 130 signaling

Development 133(1): 141-150 (2006)

<http://dev.biologists.org/content/133/1/141.long>

Svec J, Ergang P, Mandys V, Kment M, Pácha J:

Expression profiles of proliferative and antiapoptotic genes in sporadic and colitis-related mouse colon cancer models

Int J Exp Pathol 91(1):44-53 (2010)

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2613.2009.00698.x/full>

Thyagarajan K, Afshar K, Gönczy P:

Polarity mediates asymmetric trafficking of the G{beta} heterotrimeric G-protein subunit GPB-1 in C. elegans embryos

Development. 2011 Jul;138(13):2773-82

<http://dev.biologists.org/content/138/13/2773.abstract>

Volle, D.H., Duggavathi, R., Magnier, B.C., Houten, S.M., Cummins, C.L., Lobaccaro, J.M., Verhoeven, G., Schoonjans, K., and Auwerx, J.:

The small heterodimer partner is a gonadal gatekeeper of sexual maturation in male mice

Genes Dev 21(3): 303-315 (2007)

<http://genesdev.cshlp.org/content/21/3/303.long>

Williams, E.O., Xiao, Y., Sickles, H.M., Shafer, P., Yona, G., Yang, J.Y., and Lin, D.M.:

Novel subdomains of the mouse olfactory bulb defined by molecular heterogeneity in the nascent external plexiform and glomerular layers

BMC Dev Biol 7: 48 (2007)

<http://www.biomedcentral.com/1471-213X/7/48>