

8. Developmental Research, Epigenetics & Aging

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.biolreprod.org/content/72/6/1297.long>

Agusti J, Lichtenberger R, Schwarz M, Nehlin L, Greb T:

Characterization of transcriptome remodeling during cambium formation identifies MOL1 and RUL1 as opposing regulators of secondary growth

PLoS Genet. 2011 Feb;7(2):e1001312. doi: 10.1371/journal.pgen.1001312. Epub 2011 Feb 17.

<https://journals.plos.org/plosgenetics/article/file?id=10.1371/journal.pgen.1001312&type=printable>

Aizawa S, Higaki Y, Dudaui A, Nagasaka M, Takahashi S, Sakata I, Sakai T:

Identification of marker genes for pars tuberalis morphogenesis in chick embryo: expression of Cytokine-like 1 and Gap junction protein alpha 5 in pars tuberalis

Cell Tissue Res. 2016 Sep 3.

<http://dx.doi.org/10.1007/s00441-016-2484-9>

Albino D, Brizzolaro A, Moretti S, Falugi C, Mirisola V, Scaruffi P, Di Candia M, Truini M, Coco S, Bonassi S, Tonini GP:

Gene expression profiling identifies eleven DNA repair genes down-regulated during mouse neural crest cell migration

Int J Dev Biol. 2011;55(1):65-72.

<http://www.ijdb.ehu.es/web/paper.php?doi=10.1387/ijdb.092970da>

Amatori S, Ballarini M, Favarsani A, Belloni E, Fusar F, Bosari S, Pelicci PG, Minucci S, Fanelli M:
PAT-ChIP coupled with laser microdissection allows the study of chromatin in selected cell populations from paraffin-embedded patient samples

Epigenetics Chromatin. 2014 Aug 5;7:18. doi: 10.1186/1756-8935-7-18. eCollection 2014.

<http://www.epigeneticsandchromatin.com/content/7/1/18>

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>

Argyropoulos AJ, Robichaud P, Balimunkwe RM, Fisher GJ, Hammerberg C, Yan Y, Quan T :

Alterations of Dermal Connective Tissue Collagen in Diabetes: Molecular Basis of Aged-Appearing Skin

PLoS One. 2016 Apr 22;11(4):e0153806. doi: 10.1371/journal.pone.0153806. eCollection 2016.
<http://dx.plos.org/10.1371/journal.pone.0153806>

Asai N, Ohkawara B, Ito M, Masuda A, Ishiguro N, Ohno K:

LRP4 induces extracellular matrix productions and facilitates chondrocyte differentiation

Biochem Biophys Res Commun. 2014 Aug 1. pii: S0006-291X(14)01375-8. doi: 10.1016/j.bbrc.2014.07.125.

<http://www.sciencedirect.com/science/article/pii/S0006291X14013758>

Ayoub AE, Dominguez MH, Benoit J, Ortega JA, Radonjic N, Zecevic N, Rakic P:

Coordination of Neuron Production in Mouse and Human Cerebral Cortex by the Homolog of Drosophila Mastermind Protein

Brain Behav Evol. 2019 Aug 15;93(2-3):152-165. doi: 10.1159/000500494.

<https://www.karger.com/Article/PDF/500494>

Baba T, McLeod DS, Edwards MM, Merges C, Sen T, Sinha D, Luttly GA:

VEGF 165 b in the developing vasculatures of the fetal human eye

Dev Dyn. 2012 Mar;241(3):595-607. doi: 10.1002/dvdy.23743.

<http://onlinelibrary.wiley.com/doi/10.1002/dvdy.23743/abstract>

Baldwin J:

Unravelling the mechanisms behind periosteal regeneration and its application in bone tissue engineering

Thesis, 2017

https://eprints.qut.edu.au/110638/1/Jeremy_Baldwin_Thesis.pdf

Barault L, Ellsworth RE, Harris HR, Valente AL, Shriver CD, and Michels KB:

Leukocyte DNA as Surrogate for the Evaluation of Imprinted Loci Methylation in Mammary Tissue DNA

PLoS ONE 8(2): e55896. doi:10.1371/journal.pone.0055896

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0055896>

Barrow TM, Barault L, Ellsworth RE, Harris HR, Binder AM, Valente AL, Shriver CD, Michels KB:

Aberrant methylation of imprinted genes is associated with negative hormone receptor status in invasive breast cancer

Int J Cancer. 2015 Jan 5. doi: 10.1002/ijc.29419.

<http://dx.doi.org/10.1002/ijc.29419>

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>

Blaudin de Thé FX:

Engrailed, an anti-ageing homeoprotein

thesis, 2015

<http://www.theses.fr/2015PA066204>

Brilli E, Reitano E, Conti L, Conforti P, Gulino R, Consalez GG, Cesana E, Smith A, Rossi F, Cattaneo E:

Neural stem cells engrafted in the adult brain fuse with endogenous neurons

Stem Cells Dev. 2013 Feb 15;22(4):538-47. doi: 10.1089/scd.2012.0530.

<http://dx.doi.org/10.1089/scd.2012.0530>

Brooks K, Burns GW, Moraes JG, Spencer TE:

Analysis of the Uterine Epithelial and Conceptus Transcriptome and Luminal Fluid Proteome During the Peri-Implantation Period of Pregnancy in Sheep

Biol Reprod. 2016 Aug 17. pii: biolreprod.116.141945.

<http://www.biolreprod.org/cgi/pmidlookup?view=long&pmid=27535962>

Buttó LF, Pelletier A, More SK, Zhao N, Osme A, Hager CL, Ghannoum MA, Sekaly RP, Cominelli F, Dave M:

Intestinal Stem Cell Niche Defects Result in Impaired 3D Organoid Formation in Mouse Models of Crohn's Disease-like Ileitis

Stem Cell Reports. 2020 Jul 6:S2213-6711(20)30238-1. doi: 10.1016/j.stemcr.2020.06.017.

[https://linkinghub.elsevier.com/retrieve/pii/S2213-6711\(20\)30238-1](https://linkinghub.elsevier.com/retrieve/pii/S2213-6711(20)30238-1)

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>

Caruso M, Distefano G, La Malfa S, Gentile A, Merelo P, Tadeo FR, Talon M

Identification of candidate genes involved in the self incompatibility response in clementine

Acta Hort, 2012

http://www.actahort.org/members/showpdf?booknr=967_14

Chang G, Mouillet JF, Mishima T, Chu T, Sadovsky E, Coyne CB, Parks WT, Surti U, Sadovsky Y:

Expression and trafficking of placental microRNAs at the feto-maternal interface

FASEB J. 2017 Mar 13. pii: fj.201601146R. doi: 10.1096/fj.201601146R.

<http://www.fasebj.org/cgi/pmidlookup?view=long&pmid=28289056>

Chapman EM, Lant B, Ohashi Y, Yu B, Schertzberg M, Go C, Dogra D, Koskimäki J, Girard R, Li Y, Fraser AG, Awad IA, Abdelilah-Seyfried S, Gingras AC, Derry WB

A conserved CCM complex promotes apoptosis non-autonomously by regulating zinc homeostasis

Nat Commun. 2019 Apr 17;10(1):1791. doi: 10.1038/s41467-019-09829-z.

<https://www.nature.com/articles/s41467-019-09829-z.pdf>

Chen L, Martino V, Dombkowski A, Williams T, West-Mays J, Gage PJ:

AP-2 β Is a Downstream Effector of PITX2 Required to Specify Endothelium and Establish Angiogenic Privilege During Corneal Development

Invest Ophthalmol Vis Sci. 2016 Mar 1;57(3):1072-81. doi: 10.1167/iovs.15-18103.

<http://iovs.arvojournals.org/article.aspx?doi=10.1167/iovs.15-18103>

Chen M, Bui AQ, Goldberg RB:

Using Giant Scarlet Runner Bean (*Phaseolus coccineus*) Embryos to Dissect the Early Events in Plant Embryogenesis

Methods Mol Biol. 2020;2122:205-222. doi: 10.1007/978-1-0716-0342-0_15.

https://link.springer.com/protocol/10.1007/978-1-0716-0342-0_15

Chen Y, Ikeda K, Yoneshiro T, Scaramozza A, Tajima K, Wang Q, Kim K, Shinoda K, Sponton CH, Brown Z, Brack A, Kajimura S :

Thermal stress induces glycolytic beige fat formation via a myogenic state

Nature. 2019 Jan;565(7738):180-185. doi: 10.1038/s41586-018-0801-z.

<https://doi.org/10.1038/s41586-018-0801-z>

Chen Z, Zhao W, Ge D, Han Y, Ning K, Luo C, Wang S, Liu R, Zhang X, Wang Q:

LCM-seq reveals the crucial role of *LsSOC1* in heat-promoted bolting of lettuce (*Lactuca sativa* L.)

Plant J. 2018 May 17. doi: 10.1111/tpj.13968.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/tpj.13968>

Cheng L, Mann SA, Lopez-Beltran A, Chovanec M, Santoni M, Wang M, Albany C, Adra N, Davidson DD, Cimadamore A, Montironi R, and Zhang S :

Molecular Characterization of Testicular Germ Cell Tumors Using Tissue Microdissection

Methods Mol Biol. 2021;2195:31-47. doi: 10.1007/978-1-0716-0860-9_3.

https://dx.doi.org/10.1007/978-1-0716-0860-9_3

Chu Y, Lan RS, Huang R, Feng H, Kumar R, Dayal S, Chan K-S, Dai D-F:

Glutathione peroxidase-1 overexpression reduces oxidative stress, and improves pathology and proteome remodeling in the kidneys of old mice

Aging Cell. 2020 May 13. doi: 10.1111/ace.13154.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/ace.13154>

Cifuentes M, Baeza V, Arrabal PM, Visser R, Grondona JM, Saldivia N, Martínez F, Nualart F, Salazar K:
Expression of a Novel Ciliary Protein, IIG9, During the Differentiation and Maturation of Ependymal Cells

Mol Neurobiol. 2017 Feb 13. doi: 10.1007/s12035-017-0434-5.

<https://dx.doi.org/10.1007/s12035-017-0434-5>

Cook DP, Adam RJ, Zarei K, Deonovic B, Stroik MR, Gansemer ND, Meyerholz DK, Au KF, Stoltz DA:

CF airway smooth muscle transcriptome reveals a role for PYK2

JCI Insight. 2017 Sep 7;2(17). pii: 95332. doi: 10.1172/jci.insight.95332.

<https://www.ncbi.nlm.nih.gov/pubmed/28878137>

Cruz-Guilloty F, Saeed AM, Echegaray JJ, Duffort S, Ballmick A, Tan Y, Betancourt M, Viteri E, Ramkhellawan GC, Ewald E, Feuer W, Huang DQ, Wen R, Hong L, Wang H, Laird JM, Sene A, Apte RS, Salomon RG, Hollyfield JG, and Perez VL:

Infiltration of Proinflammatory M1 Macrophages into the Outer Retina Precedes Damage in a Mouse Model of Age-Related Macular Degeneration

Int J of Inflammation, vol. 2013, Article ID 503725, 12 pages, 2013. doi:10.1155/2013/503725

<http://www.hindawi.com/journals/iji/2013/503725/cta/>

Dang P, Tang Q, Nie M-Y, An Y, Dong R, Hua X-D, Jung H-S, Shi S-G:

Comparative gene expression profiles of dental follicle at different stages of periodontal development: Combined use of laser capture microdissection and microarray

Journal of Oral Biosciences, <https://doi.org/10.1016/j.job.2018.02.003>

<https://www.sciencedirect.com/science/article/pii/S1349007918300380#!>

de Campo DM, Cameron JL, Miano JM, Lewis DA, Mirnics K, Fudge JL:

Maternal deprivation alters expression of neural maturation gene *tbr1* in the amygdala paralaminar nucleus in infant female macaques

Dev Psychobiol. 2016 Dec 4. doi: 10.1002/dev.21493.

<http://dx.doi.org/10.1002/dev.21493>

Deeb KK, Luo W, Karpf AR, Omilian AR, Bshara W, Tian L, Tangrea MA, Morrison CD, Johnson CS, Trump DL:

Differential vitamin D 24-hydroxylase/CYP24A1 gene promoter methylation in endothelium from benign and malignant human prostate

Epigenetics. 2011 Aug;6(8):994-1000. doi: 10.4161/epi.6.8.16536.

<http://www.ncbi.nlm.nih.gov/pmc/articles/pmid/21725204/>

Delvaux E, Mastroeni D, Nolz J, Coleman PD:

Novel method to ascertain chromatin accessibility at specific genomic loci from frozen brain homogenates and laser capture microdissected defined cells

Neuroepigenetics, 17 Mar 2016, doi:10.1016/j.nepig.2016.03.001
<http://www.sciencedirect.com/science/article/pii/S2214784515300128>

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>

Dogra D, Ahuja S, Kim HT, Rasouli SJ, Stainier DYR, Reischauer S :
Opposite effects of Activin type 2 receptor ligands on cardiomyocyte proliferation during development and repair

Nat Commun. 2017 Dec 1;8(1):1902. doi: 10.1038/s41467-017-01950-1
<http://dx.doi.org/10.1038/s41467-017-01950-1>

Dörner J, Martinez Rodriguez V, Ziegler R, Röhrig T, Cochran RS, Götz RM, Levin MD, Pihlajoki M, Heikinheimo M, Wilson DB:

GLI1+ progenitor cells in the adrenal capsule of the adult mouse give rise to heterotopic gonadal-like tissue

Mol Cell Endocrinol. 2016 Aug 29. pii: S0303-7207(16)30350-1. doi: 10.1016/j.mce.2016.08.043.
<http://www.sciencedirect.com/science/article/pii/S0303720716303501>

Dzitoyeva S, Chen H, Manev H:

Effect of aging on 5-hydroxymethylcytosine in brain mitochondria

Neurobiol Aging. 2012 Mar 22. [Epub ahead of print]
[http://linkinghub.elsevier.com/retrieve/pii/S0197-4580\(12\)00151-0](http://linkinghub.elsevier.com/retrieve/pii/S0197-4580(12)00151-0)

Elliott GC, Gurtu R, McCollum C, Newman WG, Wang T:

Foramen Ovale Closure Is a Process of Endothelial-to-Mesenchymal Transition Leading to Fibrosis

PLoS One. 2014 Sep 12;9(9):e107175. doi: 10.1371/journal.pone.0107175. eCollection 2014.
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0107175>

Elser BA, Kayali K, Dhakal R, O'Hare B, Wang K, Lehmler HJ, Stevens HE:

Combined maternal exposure to cypermethrin and stress affect embryonic brain and placental outcomes in mice

Toxicol Sci. 2020 Mar 19. pii: kfaa040. doi: 10.1093/toxsci/kfaa040.
<https://academic.oup.com/toxsci/article-lookup/doi/10.1093/toxsci/kfaa040>

Engeham S, Mdaki K, Jewell K, Austin R, Lehner AN, and Langley-Evans SC:

Mitochondrial Respiration Is Decreased in Rat Kidney Following Fetal Exposure to a Maternal Low-Protein Diet

Journal of Nutrition and Metabolism Volume 2012 (2012), Article ID 989037, 10 pages,
doi:10.1155/2012/989037
<http://www.hindawi.com/journals/jnume/2012/989037/>

Esakky P, Hansen DA, Drury AM, Moley KH:

Molecular Analysis of Cell Type-Specific Gene Expression Profile During Mouse Spermatogenesis by Laser Microdissection and qRT-PCR

Reprod Sci. 2012 Aug 30.
<http://rsx.sagepub.com/cgi/pmidlookup?view=long&pmid=22941942>

Evans GE, Martínez-Conejero JA, Phillipson GT, Simón C, McNoe LA, Sykes PH, Horcajadas JA, Lam EY, Print CG, Sin IL, Evans JJ:

Gene and protein expression signature of endometrial glandular and stromal compartments during the window of implantation

Fertil Steril. 2012 Jun;97(6):1365-73.e1-2. doi: 10.1016/j.fertnstert.2012.03.007.

[http://linkinghub.elsevier.com/retrieve/pii/S0015-0282\(12\)00321-4](http://linkinghub.elsevier.com/retrieve/pii/S0015-0282(12)00321-4)

Fededa JP, Esk C, Mierzwa B, Stanyte R, Yuan S, Zheng H, Ebnet K, Yan W, Knoblich JA, Gerlich DW:
MicroRNA-34/449 controls mitotic spindle orientation during mammalian cortex development

EMBO J. 2016 Oct 5. pii: e201694056.

<http://emboj.embopress.org/cgi/pmidlookup?view=long&pmid=27707753>

Forman K, Martínez F, Cifuentes M, Bertinat R, Salazar K, Nualart F:

Aging Selectively Modulates Vitamin C Transporter Expression Patterns in the Kidney

J Cell Physiol. 2016 Jul 27. doi: 10.1002/jcp.25504.

<http://dx.doi.org/10.1002/jcp.25504>

Forman K, Martínez F, Cifuentes M, Fernández M, Bertinat R, Torres P, Salazar K, Godoy A, Nualart F:
Dehydroascorbic acid, the oxidized form of vitamin C, improves renal histology and function in old mice

J Cell Physiol. 2020 May 21. doi: 10.1002/jcp.29791.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jcp.29791>

Frimer M, Levano KS, Rodriguez-Gabin A, Wang Y, Goldberg GL, Horwitz SB, Hou JY:

Germline mutations of the DNA repair pathways in uterine serous carcinoma

Gynecol Oncol. 2016 Apr;141(1):101-7. doi: 10.1016/j.ygyno.2015.12.034.

[http://linkinghub.elsevier.com/retrieve/pii/S0090-8258\(15\)30237-7](http://linkinghub.elsevier.com/retrieve/pii/S0090-8258(15)30237-7)

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/>

Fu Z, Löfqvist CA, Liegl R, Wang Z, Sun Y, Gong Y, Liu CH, Meng SS, Burnim SB, Arellano I, Chouinard MT, Duran R, Poblete A, Cho SS, Akula JD, Kinter M, Ley D, Pupp IH, Talukdar S, Hellström A, Smith LE:

Photoreceptor glucose metabolism determines normal retinal vascular growth

EMBO Mol Med. 2017 Nov 27. pii: e201707966. doi: 10.15252/emmm.201707966.

<http://embomolmed.embopress.org/cgi/pmidlookup?view=long&pmid=29180355>

Fujimoto H, Woo GH, Inoue K, Igarashi K, Kanno J, Hirose M, Nishikawa A, and Shibutani M:

Increased cellular distribution of vimentin and Ret in the cingulum induced by developmental hypothyroidism in rat offspring maternally exposed to anti-thyroid agents

Reproductive Toxicology, Available online 6 April 2012, ISSN 0890-6238, 10.1016/j.reprotox.2012.03.005.

<http://www.sciencedirect.com/science/article/pii/S0890623812000482>

Fujita K, Taya Y, Shimazu Y, Aoba T, Soeno Y :

Molecular signaling at the fusion stage of the mouse mandibular arch: involvement of insulin-like growth factor family

Int J Dev Biol. 2013 Apr 12.

<http://www.ijdb.ehu.es/web/paper/120110ys/molecular-signaling-at-the-fusion-stage-of-the-mouse-mandibular-arch-involvement-of-insulin-like-growth-factor-family>

Galiger C, Kostin S, Golec A, Ahlbrecht K, Becker S, Gherghiceanu M, Popescu LM, Morty RE, Seeger W, Voswinckel R:

Phenotypical and ultrastructural features of Oct4-positive cells in the adult mouse lung

J Cell Mol Med. 2014 Jun 3. doi: 10.1111/jcmm.12295.

<http://onlinelibrary.wiley.com/doi/10.1111/jcmm.12295/pdf>

Gambetta GA, Fei J, Rost TL, Knipfer T, Matthews MA, Shackel KA, Walker MA, McElrone AJ:
Water uptake along the length of grapevine fine roots: developmental anatomy, tissue specific aquaporin expression, and pathways of water transport

Plant Physiol. 2013 Sep 18.

<http://www.plantphysiol.org/content/early/2013/09/18/pp.113.221283.long>

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>

Garrido-Gomez T, Ona K, Kapidzic M, Gormley M, Simón C, Genbacev O, Fisher SJ :

Severe preeclampsia is associated with alterations in cytotrophoblasts of the smooth chorion

Development. 2017 Feb 23. pii: dev.146100. doi: 10.1242/dev.146100.

<http://dev.biologists.org/cgi/pmidlookup?view=long&pmid=28232601>

Giraldo JA, Damaris Molano R, Rengifo HR, Fotino C, Gattás-Asfura KM, Pileggi A, Stabler CL:

The Impact of Cell Surface PEGylation and Short-Course Immunotherapy on Islet Graft Survival in an Allogeneic Murine Model

Acta Biomater. 2016 Nov 30. pii: S1742-7061(16)30656-0. doi: 10.1016/j.actbio.2016.11.060.

[https://linkinghub.elsevier.com/retrieve/pii/S1742-7061\(16\)30656-0](https://linkinghub.elsevier.com/retrieve/pii/S1742-7061(16)30656-0)

Gonzalez-Fernandez C, Arevalo-Martin A, Paniagua-Torija B, Ferrer I, Rodriguez FJ, Garcia-Ovejero D:

Wnts Are Expressed in the Ependymal Region of the Adult Spinal Cord

Mol Neurobiol. 2016 Oct 8.

<http://dx.doi.org/10.1007/s12035-016-0132-8>

Gormley M, Ona K, Kapidzic M, Garrido-Gomez T, Zdravkovic T, Fisher SJ:

Preeclampsia: Novel Insights from Global RNA Profiling of Trophoblast Subpopulations

Am J Obstet Gynecol. 2017 Mar 24. pii: S0002-9378(17)30441-6. doi: 10.1016/j.ajog.2017.03.017.

<http://www.sciencedirect.com/science/article/pii/S0002937817304416>

Gotoh O, Sugiyama Y, Takazawa Y, Kato K, Tanaka N, Omatsu K, Takeshima N, Nomura H, Hasegawa K, Fujiwara K, Taki M, Matsumura N, Noda T, Mori S:

Clinically relevant molecular subtypes and genomic alteration-independent differentiation in gynecologic carcinosarcoma

Nat Commun. 2019 Oct 31;10(1):4965. doi: 10.1038/s41467-019-12985-x.

<https://www.nature.com/articles/s41467-019-12985-x>

Greaves LC, Elson JL, Nooteboom M, Grady JP, Taylor GA, Taylor RW, Mathers JC, Kirkwood TB, Turnbull DM:

Comparison of mitochondrial mutation spectra in ageing human colonic epithelium and disease: absence of evidence for purifying selection in somatic mitochondrial DNA point mutations

PLoS Genet. 2012 Nov;8(11):e1003082. doi: 10.1371/journal.pgen.1003082. Epub 2012 Nov 15.

<http://dx.plos.org/10.1371/journal.pgen.1003082>

Greig CJ, Armenia SJ, Cowles RA:

The M1 muscarinic acetylcholine receptor in the crypt stem cell compartment mediates intestinal mucosal growth

Exp Biol Med (Maywood). 2020 Jul 1:1535370220938375. doi: 10.1177/1535370220938375.

<https://journals.sagepub.com/doi/10.1177/1535370220938375>

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>

Gwee SSL, Radford RAW, Chow S, Syal MD, Morsch M, Formella I, Lee A, Don EK, Badrock AP, Cole NJ, West AK, Cheung SNS, Chung RS:

Aurora kinase B regulates axonal outgrowth and regeneration in the spinal motor neurons of developing zebrafish

Cell Mol Life Sci. 2018 Feb 21. doi: 10.1007/s00018-018-2780-5.
<https://link.springer.com/article/10.1007/s00018-018-2780-5>

Hagelkruys A, Lagger S, Krahmer J, Leopoldi A, Artaker M, Pusch O, Zezula J, Weissmann S, Xie Y, Schöfer C, Schleiderer M, Brosch G, Matthias P, Selfridge J, Lassmann H, Knoblich JA, Seiser C:

A single allele of Hdac2 but not Hdac1 is sufficient for normal mouse brain development in the absence of its paralog

Development. 2014 Feb;141(3):604-16. doi: 10.1242/dev.100487.
<http://dev.biologists.org/cgi/pmidlookup?view=long&pmid=24449838>

Handschiek K, Beuerlein K, Jurida L, Bartkuhn M, Müller H, Soelch J, Weber A, Dittrich-Breiholz O, Schneider H, Scharfe M, Jarek M, Stellzig J, Schmitz ML, Kracht M:

Cyclin-Dependent Kinase 6 Is a Chromatin-Bound Cofactor for NF- κ B-Dependent Gene Expression

Mol Cell. 2013 Dec 31. pii: S1097-2765(13)00870-8. doi: 10.1016/j.molcel.2013.12.002.
<https://www.cell.com/molecular-cell/abstract/S1097-2765%2813%2900870-8>

Haraguchi H, Saito-Fujita T, Hirota Y, Egashira M, Matsumoto L, Matsuo M, Hiraoka T, Koga K, Yamauchi N, Fukayama M, Bartos A, Cha J, Dey SK, Fujii T, Osuga Y:

MicroRNA-200a locally attenuates progesterone signaling in the cervix preventing embryo implantation

Mol Endocrinol. 2014 May 21:me20141097.
<http://press.endocrine.org/doi/pdf/10.1210/me.2014-1097>

Herbst A, Wanagat J, Cheema N, Widjaja K, McKenzie D, Aiken JM:

Latent mitochondrial DNA deletion mutations drive muscle fiber loss at old age

Aging Cell. 2016 Aug 25. doi: 10.1111/accel.12520.
<http://dx.doi.org/10.1111/accel.12520>

Hinna KH, Rich K, Fex-Svenningsen Å, Benedikz E:

The Rat Homolog of the Schizophrenia Susceptibility Gene ZNF804A Is Highly Expressed during Brain Development, Particularly in Growth Cones

PLoS One. 2015 Jul 6;10(7):e0132456. doi: 10.1371/journal.pone.0132456. eCollection 2015.
<http://dx.plos.org/10.1371/journal.pone.0132456>

Holmes G, Gonzalez-Reiche AS, Lu N, Zhou X, Rivera J, Kriti D, Sebra R, Williams AA, Donovan MJ, Potter SS, Pinto D, Zhang B, van Bakel H, Jabs EW:

Integrated Transcriptome and Network Analysis Reveals Spatiotemporal Dynamics of Calvarial Suturogenesis

Cell Rep. 2020 Jul 7;32(1):107871. doi: 10.1016/j.celrep.2020.107871.
<https://www.sciencedirect.com/science/article/pii/S2211124720308524>

Hood BL, Liu B, Alkhas A, Shoji Y, Challa R, Wang G, Ferguson S, Oliver J, Mitchell D, Bateman NW, Zahn CM, Hamilton CA, Payson M, Lessey B, Fazleabas AT, Maxwell GL, Conrads TP, Risinger JI:

Proteomics of the Human Endometrial Glandular Epithelium and Stroma from the Proliferative and Secretory Phases of the Menstrual Cycle

Biol Reprod. 2015 Feb 18. pii: biolreprod.114.127217.

<http://www.biolreprod.org/cgi/pmidlookup?view=long&pmid=25695723>

Huang J, Liu Y, Oltean A, Beebe DC:

Bmp4 from the optic vesicle specifies murine retina formation

Dev Biol. 2015 Mar 16. pii: S0012-1606(15)00114-1. doi: 10.1016/j.ydbio.2015.03.006.

[http://linkinghub.elsevier.com/retrieve/pii/S0012-1606\(15\)00114-1](http://linkinghub.elsevier.com/retrieve/pii/S0012-1606(15)00114-1)

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>

Hussain A, Husna, Ullah I, Naseem M:

Plant-Associated Microbes Alter Root Growth by Modulating Root Apical Meristem

Methods Mol Biol. 2020;2094:49-58. doi: 10.1007/978-1-0716-0183-9_6

https://link.springer.com/protocol/10.1007/978-1-0716-0183-9_6

Ichimura H, Kadota S, Kashihara T, Yamada M, Ito K, Kobayashi H, Tanaka Y, Shiba N, Chuma S, Tohyama S, Seto T, Okada K, Kuwahara K, Shiba Y:

Increased predominance of the matured ventricular subtype in embryonic stem cell-derived cardiomyocytes in vivo

Sci Rep. 2020 Jul 17;10(1):11883. doi: 10.1038/s41598-020-68373-9.

<https://www.nature.com/articles/s41598-020-68373-9>

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/>

Ishiguro T, Suda K, Enomoto T:

Biochemical analysis of intraplacental choriocarcinoma and fetomaternal transfusion

J Obstet Gynaecol Res. 2017 Feb 6. doi: 10.1111/jog.13232.

<http://dx.doi.org/10.1111/jog.13232>

Ishimura T, Ida M, Hirose S, Shimamura S, Masumura T, Nishizawa NK, Nakazono M, Kondo M:

Laser microdissection-based gene expression analysis in the aleurone layer and starchy endosperm of developing rice caryopses in the early storage phase

Rice, July 2015, 8:22,

<http://link.springer.com/article/10.1186%2Fs12284-015-0057-2#>

Ishimaru T, Parween S, Saito Y, Shigemitsu T, Yamakawa H, Nakazono M, Masumura T, Nishizawa NK, Kondo M, Sreenivasulu N:

Laser microdissection-based tissue specific transcriptome analyses reveals novel regulatory network of genes involved in heat-induced grain chalk in rice endosperm

Plant Cell Physiol. 2018 Dec 4. doi: 10.1093/pcp/pcy233.

<https://academic.oup.com/pcp/article-lookup/doi/10.1093/pcp/pcy233>

Jiang HH, Gill BC, Dissaranan C, Zutshi M, Balog BM, Lin D, Damaser MS :

Effects of acute selective pudendal nerve electrical stimulation after simulated childbirth injury

Am J Physiol Renal Physiol. 2012 Nov 14.

<http://ajprenal.physiology.org/cgi/pmidlookup?view=reprint&pmid=23152293>

Kaverina NV, Eng DG, Largent AD, Daehn I, Chang A, Gross KW, Pippin JW, Hohenstein P, Shankland SJ:

WT1 Is Necessary for the Proliferation and Migration of Cells of Renin Lineage Following Kidney Podocyte Depletion

Stem Cell Reports. 2017 Oct 10;9(4):1152-1166. doi: 10.1016/j.stemcr.2017.08.020. Epub 2017 Sep 28.

https://www.research.ed.ac.uk/portal/files/44665102/WT1_is_necessary_for_the_proliferation.....pdf

Killian ML, Thomopoulos S:

Scleraxis is required for the development of a functional tendon enthesis

FASEB J. 2015 Oct 6. pii: fj.14-258236.

<http://www.fasebj.org/cgi/pmidlookup?view=long&pmid=26443819>

Kim C, Smith KE, Castillejos A, Diaz-Aguilar D, Saint-Geniez M, Connor KM:

The alternative complement pathway aids in vascular regression during the early stages of a murine model of proliferative retinopathy

FASEB J. 2015 Nov 30. pii: fj.15-280834.

<http://www.fasebj.org/cgi/pmidlookup?view=long&pmid=26631482>

Kitagawa D, Flückiger I, Polanowska J, Keller D, Reboul J, Gönczy P :

PP2A Phosphatase Acts upon SAS-5 to Ensure Centriole Formation in C. elegans Embryos

Dev Cell. 2011 Apr 19;20(4):550-62.

[http://linkinghub.elsevier.com/retrieve/pii/S1534-5807\(11\)00074-8](http://linkinghub.elsevier.com/retrieve/pii/S1534-5807(11)00074-8)

Kivivirta K, Herbert D, Lange M, Beuerlein K, Altmüller J, Becker A:

A protocol for laser microdissection (LMD) followed by transcriptome analysis of plant reproductive tissue in phylogenetically distant angiosperms

Plant Methods. 2019 Dec 16;15:151. doi: 10.1186/s13007-019-0536-3. eCollection 2019.

<https://plantmethods.biomedcentral.com/articles/10.1186/s13007-019-0536-3>

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>

Komabayashi-Suzuki M, Yamanishi E, Watanabe C, Okamura M, Tabata H, Iwai R, Ajioka I, Matsushita J, Kidoya H, Takakura N, Okamoto T, Kinoshita K, Ichihashi M, Nagata KI, Ema M, Mizutani KI:

Spatiotemporally Dependent Vascularization Is Differently Utilized among Neural Progenitor Subtypes during Neocortical Development

Cell Rep. 2019 Oct 29;29(5):1113-1129.e5. doi: 10.1016/j.celrep.2019.09.048.

<https://www.sciencedirect.com/science/article/pii/S221124719312367#!>

Kretschmer T, Turnwald EM, Janoschek R, Zentis P, Bae-Gartz I, van Beers T, Handwerk M, Wohlfarth M, Ghilav M, Bloch W, Hucklenbruch-Rother E, Dötsch J, Appel S:

Maternal high fat diet-induced obesity affects trophoblast differentiation and placental function in mice

Biol Reprod. 2020 Sep 11:ioaa166. doi: 10.1093/biolre/ioaa166.

<https://academic.oup.com/biolreprod/advance-article-abstract/doi/10.1093/biolre/ioaa166/5904061>

Kurashina R, Kikuchi K, Iwaki J, Yoshitake H, Takeshita T, Takizawa T:

Placenta-specific miRNA (miR-512-3p) targets PPP3R1 encoding the calcineurin B regulatory subunit in BeWo cells

J Obstet Gynaecol Res. 2013 Nov 18. doi: 10.1111/jog.12217.

<http://onlinelibrary.wiley.com/doi/10.1111/jog.12217/abstract>

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>

Lee B, Villarreal-Ponce A, Fallahi M, Ovadia J, Sun P, Yu QC, Ito S, Sinha S, Nie Q, Dai X:
Transcriptional mechanisms link epithelial plasticity to adhesion and differentiation of epidermal progenitor cells

Dev Cell. 2014 Apr 14;29(1):47-58. doi: 10.1016/j.devcel.2014.03.005.

[http://linkinghub.elsevier.com/retrieve/pii/S1534-5807\(14\)00157-9](http://linkinghub.elsevier.com/retrieve/pii/S1534-5807(14)00157-9)

Lembrechts R, Brouns I, Schnorbusch K, Pintelon I, Kemp PJ, Timmermans JP, Riccardi D, Adriaensen D:

Functional expression of the multimodal extracellular calcium-sensing receptor in pulmonary neuroendocrine cells

J Cell Sci. 2013 Jul 25.

<http://jcs.biologists.org/cgi/pmidlookup?view=long&pmid=23886943>

Li G, Xu A, Sim S, Priest JR, Tian X, Khan T, Quertermous T, Zhou B, Tsao PS, Quake SR, Wu SM:
Transcriptomic Profiling Maps Anatomically Patterned Subpopulations among Single Embryonic Cardiac Cells

Dev Cell. 2016 Nov 8. pii: S1534-5807(16)30752-3. doi: 10.1016/j.devcel.2016.10.014.

[http://linkinghub.elsevier.com/retrieve/pii/S1534-5807\(16\)30752-3](http://linkinghub.elsevier.com/retrieve/pii/S1534-5807(16)30752-3)

Li Q, Li M, Ma L, Li W, Wu X, Richards J, Fu G, Xu W, Bythwood T, Li X, Wang J, Song Q:
A method to evaluate genome-wide methylation in archival formalin-fixed, paraffin-embedded ovarian epithelial cells

PLoS One. 2014 Aug 18;9(8):e104481. doi: 10.1371/journal.pone.0104481. eCollection 2014.

<http://dx.plos.org/10.1371/journal.pone.0104481>

Li S, Park H, Trempus CS, Gordon D, Liu Y, Cotsarelis G, Morris RJ:

A keratin 15 containing stem cell population from the hair follicle contributes to squamous papilloma development in the mouse

Mol Carcinogenesis, 2012, DOI: 10.1002/mc.21896

<http://onlinelibrary.wiley.com/doi/10.1002/mc.21896/abstract>

Li Y, Lei D, Swindell WR, Xia W, Weng S, Fu J, Worthen CA, Okubo T, Johnston A, Gudjonsson JE, Voorhees JJ, Fisher GJ:

Age-Associated Increase of Skin Fibroblast-Derived Prostaglandin E2 Contributes to Reduced Collagen Levels in Elderly Human Skin

J Invest Dermatol. 2015 Apr 23. doi: 10.1038/jid.2015.157.

<http://dx.doi.org/10.1038/jid.2015.157>

Li YF, Xu XB, Chen XH, Wei G, He B, Wang JD:

The nuclear factor- κ B pathway is involved in matrix metalloproteinase-9 expression in RU486-induced endometrium breakdown in mice

Hum Reprod. 2012 May 15.

<http://humrep.oxfordjournals.org/content/early/2012/05/14/humrep.des110.abstract>

Lin AC, Tan CL, Lin CL, Strohlic L, Huang YS, Richter JD, Holt CE:

Cytoplasmic polyadenylation and cytoplasmic polyadenylation element-dependent mRNA regulation are involved in Xenopus retinal axon development

Neural Dev. 2009 Mar 2;4:8. doi: 10.1186/1749-8104-4-8.

<http://www.neuraldevelopment.com/content/4//8>

Liu XS, Chopp M, Wang XL, Zhang L, Hozeska-Solgot A, Tang T, Kassis H, Zhang RL, Chen C, Xu J, Zhang ZG:

MicroRNA-17/92 cluster mediates the proliferation and survival of neural progenitor cells after stroke

J Biol Chem. 2013 Mar 19.

<http://www.jbc.org/content/early/2013/03/19/jbc.M112.449025.full.pdf+html>

Louie KW, Saera-Vila A, Kish PE, Colacino JA, Kahana A:

Temporally distinct transcriptional regulation of myocyte dedifferentiation and Myofiber growth during muscle regeneration

BMC Genomics. 2017 Nov 9;18(1):854. doi: 10.1186/s12864-017-4236-y.

<https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-017-4236-y>

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>

Ma P, Song NN, Li Y, Zhang Q, Zhang L, Zhang L, Kong Q, Ma L, Yang X, Ren B, Li C, Zhao X, Li Y, Xu Y, Gao X, Ding YQ, Mao B

Fine-Tuning of Shh/Gli Signaling Gradient by Non-proteolytic Ubiquitination during Neural Patterning

Cell Rep. 2019 Jul 9;28(2):541-553.e4. doi: 10.1016/j.celrep.2019.06.017.

[https://linkinghub.elsevier.com/retrieve/pii/S2211-1247\(19\)30783-1](https://linkinghub.elsevier.com/retrieve/pii/S2211-1247(19)30783-1)

Madurga A, Golec A, Pozarska A, Ishii I, Mižiková I, Nardiello C, Vadász I, Herold S, Mayer K, Reichenberger F, Fehrenbach H, Seeger W, Morty RE:

The H2S-generating enzymes cystathionine β -synthase and cystathionine γ -lyase play a role in vascular development during normal lung alveolarization

Am J Physiol Lung Cell Mol Physiol. 2015 Jul 31;ajplung.00134.2015. doi: 10.1152/ajplung.00134.2015.

<http://ajplung.physiology.org/cgi/pmidlookup?view=reprint&pmid=26232299>

Mauris J, Dieckow J, Schob S, Pulli B, Hatton MP, Jeong S, Bauskar A, Gabison E, Nowak R, Argüeso P:
Loss of CD147 results in impaired epithelial cell differentiation and malformation of the meibomian gland

Cell Death Dis. 2015 Apr 16;6:e1726. doi: 10.1038/cddis.2015.98

<http://dx.doi.org/10.1038/cddis.2015.98>

McDaniel K, Meng F, Wu N, Sato K, Venter J, Bernuzzi F, Invernizzi P, Zhou T, Kyritsi K, Wan Y, Huang Q, Onori P, Francis H, Gaudio E, Glaser S, Alpini G:

Forkhead box A2 regulated biliary heterogeneity and senescence during cholestatic liver injury

Hepatology. 2016 Sep 17. doi: 10.1002/hep.28831.

<http://dx.doi.org/10.1002/hep.28831>

McEnerney L, Duncan K, Bang BR, Elmasry S, Li M, Miki T, Ramakrishnan SK, Shah YM, Saito T:

Dual modulation of human hepatic zonation via canonical and non-canonical Wnt pathways

Exp Mol Med. 2017 Dec 15;49(12):e413. doi: 10.1038/emm.2017.226.

<https://www.nature.com/articles/emm2017226>

Meng D, Zhao J, Zhao C, Luo H, Xie M, Liu R, Lai J, Zhang X, Jin W:

Sequential gene activation and gene imprinting during early embryo development in maize

Plant J. 2017 Nov 24. doi: 10.1111/tpj.13786.

<http://dx.doi.org/10.1111/tpj.13786>

Merbs SL, Khan MA, Hackler L Jr, Oliver VF, Wan J, Qian J, Zack DJ:

Cell-specific DNA methylation patterns of retina-specific genes

PLoS One. 2012;7(3):e32602. doi: 10.1371/journal.pone.0032602.

<http://dx.plos.org/10.1371/journal.pone.0032602>

Metwaly H, Maruyama S, Yamazaki M, Tsuneki M, Abé T, Jen KY, Cheng J, Saku T

Parenchymal-stromal switching for extracellular matrix production on invasion of oral squamous cell carcinoma

Hum Pathol. 2012 May 9.

[http://linkinghub.elsevier.com/retrieve/pii/S0046-8177\(12\)00063-9](http://linkinghub.elsevier.com/retrieve/pii/S0046-8177(12)00063-9)

Mikšík I, Ergang P, Pácha J:

Proteomic analysis of chicken eggshell cuticle membrane layer

Anal Bioanal Chem. 2014 Oct 11

<http://link.springer.com/article/10.1007/s00216-014-8213-x>

Millar JL, Khan D, Becker MG, Chan A, Dufresne A, Sumner M, Belmonte MF:

Chalazal seed coat development in Brassica napus

Plant Science, Volume 241, December 2015, Pages 45–54

<http://www.sciencedirect.com/science/article/pii/S0168945215300765>

Miller JA, Nathanson J, Franjic D, Shim S, Dalley RA, Shapouri S, Smith KA, Sunkin SM, Bernard A,

Bennett JL, Lee CK, Hawrylycz MJ, Jones AR, Amaral DG, Sestan N, Gage FH, Lein ES:

Conserved molecular signatures of neurogenesis in the hippocampal subgranular zone of rodents and primates

Development. 2013 Oct 23.

<http://dev.biologists.org/cgi/pmidlookup?view=long&pmid=24154525>

Minegishi Y, Sakai Y, Yahara Y, Akiyama H, Yoshikawa H, Hosokawa K, Tsumaki N:

Cyp26b1 Within the Growth Plate Regulates Bone Growth in Juvenile Mice

Biochem Biophys Res Commun. 2014 Oct 8. pii: S0006-291X(14)01787-2. doi:

10.1016/j.bbrc.2014.10.001.

<http://www.sciencedirect.com/science/article/pii/S0006291X14017872>

Miwa T, Ohta K, Ito N, Hattori S, Miyakawa T, Takeo T, Nakagata N, Song WJ, Minoda R:

Tsukushi is essential for the development of the inner ear

Mol Brain. 2020 Mar 3;13(1):29. doi: 10.1186/s13041-020-00570-z.

<https://molecularbrain.biomedcentral.com/track/pdf/10.1186/s13041-020-00570-z>

Moradi M, Sivadasan R, Saal L, Lüningschrör P, Dombert B, Rathod RJ, Dieterich DC, Blum R, Sendtner M:

Differential roles of α -, β -, and γ -actin in axon growth and collateral branch formation in motoneurons

J Cell Biol. 2017 Feb 28. pii: jcb.201604117. doi: 10.1083/jcb.201604117.

<http://jcb.rupress.org/cgi/pmidlookup?view=long&pmid=28246119>

Müller SK, Bender A, Laub C, Högen T, Schlaudraff F, Liss B, Klopstock T, Elstner M:

Lewy body pathology is associated with mitochondrial DNA damage in Parkinson's disease

Neurobiol Aging. 2013 Apr 6. pii: S0197-4580(13)00116-4. doi: 10.1016/j.neurobiolaging.2013.03.016.

<http://www.sciencedirect.com/science/article/pii/S0197458013001164>

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>

Nagata M, Nuckolls GH, Wang X, Shum L, Seki Y, Kawase T, Takahashi K, Nonaka K, Takahashi I, Noman AA, Suzuki K, Slavkin HC:

The primary site of the acrocephalic feature in Apert Syndrome is a dwarf cranial base with accelerated chondrocytic differentiation due to aberrant activation of the FGFR2 signaling

Bone. 2011 Apr 1;48(4):847-56.

<http://www.thebonejournal.com/article/S8756-3282%2810%2902045-4/abstract>

Nakatsu MN, Hughes CC:

An optimized three-dimensional in vitro model for the analysis of angiogenesis

Methods Enzymol. 2008;443:65-82.

<http://www.sciencedirect.com/science/article/pii/S0076687908020041>

Nasonkin IO, Merbs SL, Lazo K, Oliver VF, Brooks M, Patel K, Enke RA, Nellissery J, Jamrich M, Le YZ, Bharti K, Fariss RN, Rachel RA, Zack DJ, Rodriguez-Boulan EJ, Swaroop A:

Conditional knockdown of DNA methyltransferase 1 reveals a key role of retinal pigment epithelium integrity in photoreceptor outer segment morphogenesis

Development. 2013 Mar;140(6):1330-41. doi: 10.1242/dev.086603.

<http://dev.biologists.org/cgi/pmidlookup?view=long&pmid=23406904>

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>

Neupane S, Adhikari N, Jung JK, An CH, Lee S, Jun JH, Kim JY, Lee Y, Sohn WJ, Kim JY:

Regulation of mesenchymal signaling in palatal mucosa differentiation

Histochem Cell Biol. 2017 Dec 5. doi: 10.1007/s00418-017-1620-2.

<https://dx.doi.org/10.1007/s00418-017-1620-2>

Nishioka T, Arima N, Kano K, Hama K, Itai E, Yukiura H, Kise R, Inoue A, Kim SH, Solnica-Krezel L, Moolenaar WH, Chun J, Aoki J:

ATX-LPA1 axis contributes to proliferation of chondrocytes by regulating fibronectin assembly leading to proper cartilage formation

Sci Rep. 2016 Mar 23;6:23433. doi: 10.1038/srep23433.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4804234/>

Noelke J, Wistuba J, Damm OS, Fietz D, Gerber J, Gaehle M, Brehm R:

A Sertoli cell-specific connexin43 knockout leads to altered interstitial connexin expression and increased Leydig cell numbers

Cell Tissue Res. 2015 Feb 19

<http://dx.doi.org/10.1007/s00441-015-2126-7>

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>

Nüsken E, Turnwald EM, Fink G, Voggel J, Yosy C, Kretschmer T, Handwerk M, Wohlfarth M, Weber LT, Hucklenbruch-Rother E, Dötsch J, Nüsken KD, Appel S:

Maternal High Fat Diet and in-Utero Metformin Exposure Significantly Impact upon the Fetal Renal Proteome of Male Mice

J Clin Med. 2019 May 11;8(5). pii: E663. doi: 10.3390/jcm8050663.
<http://www.mdpi.com/resolver?pii=jcm8050663>

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>

Omatsu-Kanbe M, Nozuchi N, Nishino Y, Mukaisho KI, Sugihara H, Matsuura H:

Identification of cardiac progenitors that survive in the ischemic human heart after ventricular myocyte death

Sci Rep. 2017 Jan 25;7:41318. doi: 10.1038/srep41318.
<http://dx.doi.org/10.1038/srep41318>

Ougaard ME, Sembach FE, Kvist PH, Tonnesen M, Frederiksen KS, Egjford M, Jensen HE, Galsgaard ED

Temporal Regulation of Glomerular and Cortical Tubulointerstitial Genes Involved in the Development of Nephrotoxic Serum Nephritis

Nephron. 2018;140(3):218-230. doi: 10.1159/000492294.
<https://www.karger.com/Article/Abstract/492294>

Pavličev M, Wagner GP, Chavan AR, Owens K, Maziarz J, Dunn-Fletcher C, Kallapur SG, Muglia L, Jones H:

Single-cell transcriptomics of the human placenta: inferring the cell communication network of the maternal-fetal interface

Genome Res. 2017 Feb 7. doi: 10.1101/gr.207597.116.
<http://genome.cshlp.org/cgi/pmidlookup?view=long&pmid=28174237>

Phillipps HR, Ladyman SR, and Grattan DR:

Maintained expression of genes associated with metabolism in the ventromedial hypothalamic nucleus

despite development of leptin resistance during pregnancy in the rat

Physiological Reports ISSN 2051-817X
<http://onlinelibrary.wiley.com/doi/10.1002/phy2.162/pdf>

Puttabyatappa M, Guo X, Dou J, Dumesic D, Bakulski KM, Padmanabhan V:

Developmental Programming: Sheep Granulosa and Theca Cell-Specific Transcriptional Regulation by Prenatal Testosterone

Endocrinology. 2020 Jun 9:bqaa094. doi: 10.1210/endo/bqaa094.
<https://academic.oup.com/endo/advance-article-abstract/doi/10.1210/endo/bqaa094/5855154>

Qu LH, Zhou X, Li X, Li SS, Zhao J, Zhao P, Liu Y, Sun MX:

The autonomous cell fate specification of basal cell lineage: the initial round of cell fate specification occurs at the two-celled proembryo stage

Plant J. 2017 Jul 3. doi: 10.1111/tpj.13629.
<http://dx.doi.org/10.1111/tpj.13629>

Quan C, Cho MK, Shao Y, Mianecky LE, Liao E, Perry D, Quan T:

Dermal fibroblast expression of stromal cell-derived factor-1 (SDF-1) promotes epidermal keratinocyte proliferation in normal and diseased skin

Protein Cell. 2015 Aug 22.
<http://dx.doi.org/10.1007/s13238-015-0198-5>

Reglodi D, Jungling A, Longuespée R, Kriegsmann J, Casadonte R, Kriegsmann M, Juhasz T, Bardosi S, Tamas A, Fulop BD, Kovacs K, Nagy Z, Sparks J, Miseta A, Mazzucchelli G, Hashimoto H, Bardosi A:

Accelerated pre-senile systemic amyloidosis in PACAP knockout mice - a protective role of PACAP in age-related degenerative processes

J Pathol. 2018 May 17. doi: 10.1002/path.5100.

<http://dx.doi.org/10.1002/path.5100>

Riche S, Zouak M, Argoul F, Arneodo A, Pecreaux J, Delattre M:

Evolutionary comparisons reveal a positional switch for spindle pole oscillations in *Caenorhabditis* embryos

J Cell Biol. 2013 May 20.

<http://jcb.rupress.org/cgi/pmidlookup?view=long&pmid=23690175>

Robson A, Lash GE, Innes BA, Zhang JY, Robson SC, Bulmer JN

Uterine spiral artery muscle dedifferentiation

Hum Reprod. 2019 Jul 26. pii: dez124. doi: 10.1093/humrep/dez124.

<https://academic.oup.com/humrep/advance-article-abstract/doi/10.1093/humrep/dez124/5539653>

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>

Roy A, Deng M, Aldinger KA, Glass IA, Millen KJ:

Laser Capture Micro-dissection (LCM) of Neonatal Mouse Forebrain for RNA Isolation

Bio-protocol, Vol 10, Iss 1, January 05, 2020; DOI: 10.21769/BioProtoc.3475

<https://bio-protocol.org/e3475>

Sadeghi Z, Kenyon JD, Richardson B, Khalifa AO, Cartwright M, Conroy B, Caplan A, Cameron MJ, Hijaz A:

Transcriptomic Analysis of Human Mesenchymal Stem Cell Therapy in Incontinent Rat Injured Urethra

Tissue Eng Part A. 2020 Jul 2. doi: 10.1089/ten.tea.2020.0033.

<https://www.liebertpub.com/doi/10.1089/ten.tea.2020.0033>

Saint-Geniez M, Jiang A, Abend S, Liu L, Sweigard H, Connor KM, Arany Z:

PGC-1 α Regulates Normal and Pathological Angiogenesis in the Retina

The American Journal of Pathology - 09 November 2012 (10.1016/j.ajpath.2012.09.003)

<http://www.journals.elsevierhealth.com/periodicals/ajpa/article/S0002-9440%2812%2900714-6/fulltext>

Sarper SE, Inubushi T, Kurosaka H, Ono Minagi H, Kuremoto KI, Sakai T, Taniuchi I, Yamashiro T:

Runx1-Stat3 signaling regulates the epithelial stem cells in continuously growing incisors

Sci Rep. 2018 Jul 19;8(1):10906. doi: 10.1038/s41598-018-29317-6

<http://dx.doi.org/10.1038/s41598-018-29317-6>

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>

Satoh A, Brace CS, Rensing N, Imai S:
Deficiency of Prdm13, a dorsomedial hypothalamus-enriched gene, mimics age-associated changes in sleep quality and adiposity

Aging Cell. 2014 Dec 25. doi: 10.1111/accel.12299.

<http://onlinelibrary.wiley.com/doi/10.1111/accel.12299/pdf>

Schellong K, Melchior K, Ziska T, Ott R, Henrich W, Rancourt RC, Plagemann A:
Hypothalamic insulin receptor expression and DNA promoter methylation are sex-specifically altered in adult offspring of high-fat diet (HFD)-overfed mother rats

The Journal of Nutritional Biochemistry, 10 Feb 2019, <https://doi.org/10.1016/j.jnutbio.2019.01.014>

<https://www.sciencedirect.com/science/article/pii/S0955286318311392>

Schellong K, Melchior K, Ziska T, Ott R, Henrich W, Rancourt RC, Plagemann A:
Sex-specific epigenetic alterations of the hypothalamic Agrp-Pomc system do not explain 'diabesity' in the offspring of high-fat diet (HFD) overfed maternal rats

The Journal of Nutritional Biochemistry, Available online 23 October 2019, 108257

<https://www.sciencedirect.com/science/article/abs/pii/S0955286319305340>

Schillebeeckx M, Schrade A, Löbs AK, Pihlajoki M, Wilson DB, Mitra RD:
Laser capture microdissection-reduced representation bisulfite sequencing (LCM-RRBS) maps changes in DNA methylation associated with gonadectomy-induced adrenocortical neoplasia in the mouse

Nucleic Acids Res. 2013 Apr 15.

<http://nar.oxfordjournals.org/cgi/pmidlookup?view=long&pmid=23589626>

Schwartz AG, Long F, Thomopoulos S:
Enthesis fibrocartilage cells originate from a population of Hedgehog-responsive cells modulated by the loading environment

Development. 2015 Jan 1;142(1):196-206. doi: 10.1242/dev.112714.

<http://dev.biologists.org/cgi/pmidlookup?view=long&pmid=25516975>

Sene A, Khan AA, Cox D, Nakamura RE, Santeford A, Kim BM, Sidhu R, Onken MD, Harbour JW, Hagbi-Levi S, Chowers I, Edwards PA, Baldan A, Parks JS, Ory DS, Apte RS:
Impaired cholesterol efflux in senescent macrophages promotes age-related macular degeneration

Cell Metab. 2013 Apr 2;17(4):549-61. doi: 10.1016/j.cmet.2013.03.009

[http://linkinghub.elsevier.com/retrieve/pii/S1550-4131\(13\)00113-7](http://linkinghub.elsevier.com/retrieve/pii/S1550-4131(13)00113-7)

Shan L, Wu C, Chen D, Hou L, Li X, Wang L, Chu X, Hou Y, Wang Z:
Regulators of alternative polyadenylation operate at the transition from mitosis to meiosis

Journal of Genetics and Genomics, (2017), doi: 10.1016/j.jgg.2016.12.007

<http://www.sciencedirect.com/science/article/pii/S1673852717300176>

Shi D, Jouannet V, Agusti J, Kaul V, Levitsky V, Mironova VV, Sanchez P, Greb T :
Tissue-specific transcriptome profiling of the Arabidopsis thaliana inflorescence stem reveals local cellular signatures

bioRxiv, 11 Feb 2020, doi: <https://doi.org/10.1101/2020.02.10.941492>

<https://www.biorxiv.org/content/biorxiv/early/2020/02/10/2020.02.10.941492.full.pdf>

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>

Sinha D, Klise A, Sergeev Y, Hose S, Bhutto IA, Hackler L Jr, Malpic-Llanos T, Samtani S, Grebe R, Goldberg MF, Hejtmancik JF, Nath A, Zack DJ, Fariss RN, McLeod DS, Sundin O, Broman KW, Luty GA, Zigler JS Jr:

betaA3/A1-crystallin in astroglial cells regulates retinal vascular remodeling during development

Mol Cell Neurosci. 2008 Jan;37(1):85-95.

[http://linkinghub.elsevier.com/retrieve/pii/S1044-7431\(07\)00201-1](http://linkinghub.elsevier.com/retrieve/pii/S1044-7431(07)00201-1)

Song N, Endo D, Song B, Shibata Y, Koji T:

5-aza-2'-deoxycytidine impairs mouse spermatogenesis at multiple stages through different usage of DNA methyltransferases

Toxicology. 2016 Jul 7;361-362:62-72. doi: 10.1016/j.tox.2016.07.005.

[http://linkinghub.elsevier.com/retrieve/pii/S0300-483X\(16\)30122-6](http://linkinghub.elsevier.com/retrieve/pii/S0300-483X(16)30122-6)

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>

Stahl A, Joyal JS, Chen J, Sapieha P, Juan AM, Hatton CJ, Pei DT, Hurst CG, Seaward MR, Krah NM, Dennison RJ, Greene ER, Boscolo E, Panigrahy D, Smith LE:

SOCS3 is an endogenous inhibitor of pathologic angiogenesis

Blood. 2012 Jul 12.

<http://bloodjournal.hematologylibrary.org/cgi/pmidlookup?view=long&pmid=22791286>

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>

Stauber M, Weidemann M, Dittrich-Breiholz O, Lobschat K, Alten L, Mai M, Beckers A, Kracht M, Gossler A:

Identification of FOXJ1 effectors during ciliogenesis in the foetal respiratory epithelium and embryonic left-right organiser of the mouse

Dev Biol. 2016 Nov 30. pii: S0012-1606(16)30313-X. doi: 10.1016/j.ydbio.2016.11.019.

[https://linkinghub.elsevier.com/retrieve/pii/S0012-1606\(16\)30313-X](https://linkinghub.elsevier.com/retrieve/pii/S0012-1606(16)30313-X)

Sumino J, Uzawa N, Okada N, Miyaguchi K, Mogushi K, Takahashi KI, Sato H, Michikawa C, Nakata Y, Tanaka H, Amagasa T:

Gene expression changes in initiation and progression of oral squamous cell carcinomas revealed by laser microdissection and oligonucleotide microarray analysis

Int J Cancer. 2012 Jun 28. doi: 10.1002/ijc.27702.

<http://dx.doi.org/10.1002/ijc.27702>

Sun BK, Boxer LD, Ransohoff JD, Siprashvili Z, Qu K, Lopez-Pajares V, Hollmig ST, Khavari PA :
CALML5 is a ZNF750- and TINCR-induced protein that binds stratifin to regulate epidermal differentiation

Genes Dev. 2015 Nov 1;29(21):2225-30. doi: 10.1101/gad.267708.115.

<http://www.genesdev.org/cgi/pmidlookup?view=long&pmid=26545810>

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>

Takahashi H, Ohkuchi A, Kuwata T, Usui R, Baba Y, Suzuki H, Chaw Kyi TT, Matsubara S, Saito S, Takizawa T:

Endogenous and exogenous miR-520c-3p modulates CD44-mediated extravillous trophoblast invasion

Placenta, YPLAC 3529: S0143-4004(16)30663-4, 2016 Dec 13

[http://www.placentajournal.org/article/S0143-4004\(16\)30663-4/abstract](http://www.placentajournal.org/article/S0143-4004(16)30663-4/abstract)

Takahashi K, Yamada T, Tsukita S, Kaneko K, Shirai Y, Munakata Y, Ishigaki Y, Imai J, Uno K, Hasegawa Y, Sawada S, Oka Y, Katagiri H:

Chronic mild stress alters circadian expressions of molecular clock genes in the liver

Am J Physiol Endocrinol Metab. 2012 Dec 4.

<http://ajpendo.physiology.org/cgi/pmidlookup?view=reprint&pmid=23211520>

Takeda H, Miwa T, Kim MY, Choi BY, Orita Y, Minoda R:

Prenatal electroporation-mediated gene transfer restores Slc26a4 knock-out mouse hearing and vestibular function

Sci Rep. 2019 Nov 29;9(1):17979. doi: 10.1038/s41598-019-54262-3.

<https://www.nature.com/articles/s41598-019-54262-3>

Takeuchi A, Takahashi Y, Iida K, Hosokawa M, Irie K, Ito M, Brown JB, Ohno K, Nakashima K, Hagiwara M:

Identification of Qk as a Glial Precursor Cell Marker that Governs the Fate Specification of Neural Stem Cells to a Glial Cell Lineage

Stem Cell Reports. 2020 Sep 7:S2213-6711(20)30341-6. doi: 10.1016/j.stemcr.2020.08.010.

<https://www.sciencedirect.com/science/article/pii/S2213671120303416>

Teixeira VH, Nadarajan P, Graham TA, Pipinikas CP, Brown JM, Falzon M, Nye E, Poulosom R, Lawrence D, Wright NA, McDonald S, Giangreco A, Simons BD, Janes SM:

Stochastic homeostasis in human airway epithelium is achieved by neutral competition of basal cell progenitors

Elife. 2013 Oct 22;2:e00966. doi: 10.7554/eLife.00966.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3804062/>

Telezhkin V, Straccia M, Yarova P, Pardo M, Yung S, Vinh NN, Hancock JM, Barriga GG, Brown DA, Rosser AE, Brown JT, Canals JM, Randall AD, Allen ND, Kemp PJ:

Kv7 channels are upregulated during striatal neuron development and promote maturation of human iPSC-derived neurons

Pflugers Arch. 2018 May 24. doi: 10.1007/s00424-018-2155-7.

<https://dx.doi.org/10.1007/s00424-018-2155-7>

Thakare D, Yang R, Steffen JG, Zhan J, Wang D, Clark RM, Wang X, Yadegari R:

RNA-Seq analysis of laser-capture microdissected cells of the developing central starchy endosperm of maize

Genomics Data, Volume 2, December 2014, Pages 242–245

<http://www.sciencedirect.com/science/article/pii/S2213596014000610>

Thyagarajan K, Afshar K, Gönczy P:

Polarity mediates asymmetric trafficking of the G β 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>

Tsutsui S, Yoshinaga T, Komiya K, Yamashita H, Nakamura O:

Differential expression of skin mucus C-type lectin in two freshwater eel species, *Anguilla marmorata* and *Anguilla japonica*

Dev Comp Immunol. 2016 Mar 26. pii: S0145-305X(16)30115-X. doi: 10.1016/j.dci.2016.03.027.

[http://linkinghub.elsevier.com/retrieve/pii/S0145-305X\(16\)30115-X](http://linkinghub.elsevier.com/retrieve/pii/S0145-305X(16)30115-X)

Uemasu K, Tanabe N, Tanimura K, Hasegawa K, Mizutani T, Hamakawa Y, Sato S, Ogawa E, Thomas MJ, Ikegami M, Muro S, Hirai T, Sato A:

Serine Protease Imbalance in the Small Airways and Development of Centrilobular Emphysema in COPD

Am J Respir Cell Mol Biol. 2020 Feb 26. doi: 10.1165/rcmb.2019-0377OC.

<https://www.atsjournals.org/doi/abs/10.1165/rcmb.2019-0377OC>

Verckist L, Lembrechts R, Thys S, Pintelon I, Timmermans JP, Brouns I, Adriaensen D:

Selective gene expression analysis of the neuroepithelial body microenvironment in postnatal lungs with special interest for potential stem cell characteristics

Respir Res. 2017 May 8;18(1):87. doi: 10.1186/s12931-017-0571-4.

<https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-017-0571-4>

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>

Waberski D, Schäfer J, Bölling A, Scheld M, Henning H, Hambruch N, Schuberth HJ, Pfarrer C, Wrenzycki C, Hunter RHF

Seminal plasma modulates the immune-cytokine network in the porcine uterine tissue and pre-ovulatory follicles

PLoS One. 2018 Aug 28;13(8):e0202654. doi: 10.1371/journal.pone.0202654. eCollection 2018.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0202654>

Wang R, Dang, P, Niu Z:

Expression of the matrix gla protein (MGP) gene in different developmental stages of mouse mandibular first molar root

Biomedical Research, Jun 2017

<http://www.alliedacademies.org/articles/expression-of-the-matrix-gla-protein-mgp-gene-in-different-developmental-stages-of-mouse-mandibular-first-molar-root.html>

Wang Y, Masaki T, Khan SG, Tamura D, Kuschal C, Rogers M, DiGiovanna JJ, Kraemer KH:

Four-dimensional, dynamic mosaicism is a hallmark of normal human skin that permits mapping of the organization and patterning of human epidermis during terminal differentiation

PLoS One. 2018 Jun 13;13(6):e0198011. doi: 10.1371/journal.pone.0198011. eCollection 2018.

<http://dx.plos.org/10.1371/journal.pone.0198011>

Wang Z, Liu CH, Huang S, Fu Z, Tomita Y, Britton WR, Cho SS, Chen CT, Sun Y, Ma JX, and Chen J:

Wnt signaling activates MFSD2A to suppress vascular endothelial transcytosis and maintain blood-retinal barrier

Science Advances 28 Aug 2020: Vol. 6, no. 35, eaba7457; DOI: 10.1126/sciadv.aba7457

<https://advances.sciencemag.org/content/advances/6/35/eaba7457.full.pdf>

Welsh IC, Thomsen M, Gludish DW, Alfonso-Parra C, Bai Y, Martin JF, Kurpios NA:

Integration of Left-Right Pitx2 Transcription and Wnt Signaling Drives Asymmetric Gut Morphogenesis via Daam2

Dev Cell. 2013 Sep 30;26(6):629-44. doi: 10.1016/j.devcel.2013.07.019.

[http://linkinghub.elsevier.com/retrieve/pii/S1534-5807\(13\)00449-8](http://linkinghub.elsevier.com/retrieve/pii/S1534-5807(13)00449-8)

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>

Wolf L, Harrison W, Huang J, Xie Q, Xiao N, Sun J, Kong L, Lachke SA, Kuracha MR, Govindarajan V, Brindle PK, Ashery-Padan R, Beebe DC, Overbeek PA, and Cvekl A:

Histone posttranslational modifications and cell fate determination: lens induction requires the lysine acetyltransferases CBP and p300

Nucl. Acids Res., Sep 12, 2013 doi:10.1093/nar/gkt824

<http://nar.oxfordjournals.org/content/early/2013/09/12/nar.gkt824.full>

Xie L, Mouillet JF, Chu T, Parks WT, Sadovsky E, Knöfler M, Sadovsky Y:

C19MC microRNAs Regulate the Migration of Human Trophoblasts

Endocrinology. 2014 Sep 11:en20141501.

<http://press.endocrine.org/doi/pdf/10.1210/en.2014-1501>

Xu Y, Wu W, Fan Y, Jiang S, Jia X, Su W:

MiR-142-3p Inhibits TGF- β 3-Induced Blood-Testis Barrier Impairment by Targeting Lethal Giant Larvae Homolog 2

Cell Physiol Biochem. 2018 Mar 22;46(1):253-268. doi: 10.1159/000488427.

<https://www.karger.com/Article/Pdf/488427>

Yamada T, Akamatsu H, Hasegawa S, Inoue Y, Date Y, Mizutani H, Yamamoto N, Matsunaga K, Nakata S:

Melanocyte stem cells express receptors for canonical Wnt-signaling pathway on their surface

Biochem Biophys Res Commun. 2010 Jun 11;396(4):837-42. doi: 10.1016/j.bbrc.2010.04.167.

[http://linkinghub.elsevier.com/retrieve/pii/S0006-291X\(10\)00875-2](http://linkinghub.elsevier.com/retrieve/pii/S0006-291X(10)00875-2)

Yamada T, Hasegawa S, Miyachi K, Date Y, Inoue Y, Yagami A, Arima M, Iwata Y, Yamamoto N, Nakata S, Matsunaga K, Sugiura K, Akamatsu H:

Laminin-332 regulates differentiation of human interfollicular epidermal stem cells

Mech Ageing Dev. 2018 Mar 16. pii: S0047-6374(17)30259-2. doi: 10.1016/j.mad.2018.03.007.

<https://www.sciencedirect.com/science/article/pii/S0047637417302592>

Yanai R, Mulki L, Hasegawa E, Takeuchi K, Sweigard H, Suzuki J, Gaissert P, Vavvas DG, Sonoda KH, Rothe M, Schunck WH, Miller JW, Connor KM:

Cytochrome P450-generated metabolites derived from ω -3 fatty acids attenuate neovascularization

PNAS (2014), DOI: 10.1073/pnas.1401191111

<http://www.pnas.org/content/early/2014/06/11/1401191111.full.pdf>

Yang M, Tao X, Shiny T, Zhao T, Scott RT, Seli E:

Analysis of accessible chromatin landscape in the inner cell mass and trophectoderm of human blastocysts

Mol Hum Reprod. 2020 Jul 14;gaaa048. doi: 10.1093/molehr/gaaa048.

<https://academic.oup.com/molehr/article-lookup/doi/10.1093/molehr/gaaa048>

Yao J, Zuo H, Gao J, Wang M, Wang D, Li X:

The effects of IGF-1 on mouse spermatogenesis using an organ culture method

Biochem Biophys Res Commun. 2017 May 25. pii: S0006-291X(17)31018-5.

<http://www.sciencedirect.com/science/article/pii/S0006291X17310185>

Yazawa R, Takeuchi Y, Morita T, Ishida M, and Yoshizaki G:

The Pacific bluefin tuna (*Thunnus orientalis*) dead end gene is suitable as a specific molecular marker of type A spermatogonia

Mol. Reprod. Dev., 2013, 1098-2795
<http://dx.doi.org/10.1002/mrd.22224>

Zhang C, Large MJ, Duggavathi R, Demayo FJ, Lydon JP, Schoonjans K, Kovanci E, Murphy BD:
Liver receptor homolog-1 is essential for pregnancy

Nat Med. 2013 Jun 30. doi: 10.1038/nm.3192.
<http://www.nature.com/nm/journal/vaop/ncurrent/full/nm.3192.html>

Zhang S, Thakare D, Yadegari R:

Laser-Capture Microdissection of Maize Kernel Compartments for RNA-Seq-Based Expression Analysis

Methods Mol Biol. 2018;1676:153-163. doi: 10.1007/978-1-4939-7315-6_9.
https://dx.doi.org/10.1007/978-1-4939-7315-6_9

Zhao L, Yang H, Xuan Y, Zhao J, Ren N, Zhou S, Zhao x:

Increased expression of fibroblast growth factor receptor 1 in endometriosis and its correlation with endometriosis-related dysmenorrhea and recurrence

European Journal of Obstetrics and Gynecology and Reproductive Biology
[http://www.ejog.org/article/S0301-2115\(14\)00596-X/abstract](http://www.ejog.org/article/S0301-2115(14)00596-X/abstract)

Zhou FC, Resendiz M, Lo CL, Chen Y:

Cell-Wide DNA De-Methylation and Re-Methylation of Purkinje Neurons in the Developing Cerebellum

PLoS One. 2016 Sep 1;11(9):e0162063. doi: 10.1371/journal.pone.0162063. eCollection 2016.
<http://dx.plos.org/10.1371/journal.pone.0162063>

Zhou J, Qu F, Barry JA, Pan J-X, Wang F-F, Fu Z-Z, Duez P, Hardiman PJ:

An *Atractylodes macrocephala* koidz extract alleviates hyperandrogenism of polycystic ovarian syndrome

Int J Clin Exp Med 2016;9(2):2758-2767
<http://www.ijcem.com/files/ijcem0017917.pdf>

Zhou S, Wright JL, Liu J, Sin DD, and Churg A:

Ageing does not Enhance Experimental Cigarette Smoke-Induced COPD in the Mouse

PLoS ONE 8(8): e71410. doi:10.1371/journal.pone.0071410
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0071410>

Zhou X, Liu Z, Shen K, Zhao P, Sun MX:

Cell lineage-specific transcriptome analysis for interpreting cell fate specification of proembryos

Nat Commun. 2020 Mar 13;11(1):1366. doi: 10.1038/s41467-020-15189-w.
<http://dx.doi.org/10.1038/s41467-020-15189-w>

Zhou X, Shi C, Zhao P, Sun M:

Isolation of living apical and basal cell lineages of early proembryos for transcriptome analysis

Plant Reprod. 2018 Dec 13. doi: 10.1007/s00497-018-00353-6.
<https://link.springer.com/article/10.1007/s00497-018-00353-6>

Zuo H, Zhang J, Zhang L, Ren X, Chen X, Hao H, Zhao X, Wang D:

Transcriptomic Variation during Spermiogenesis in Mouse Germ Cells

PLoS One. 2016 Nov 11;11(11):e0164874. doi: 10.1371/journal.pone.0164874. eCollection 2016.
<http://dx.plos.org/10.1371/journal.pone.0164874>