

Interplay between metabolic identities in the intestinal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Beyond growth signaling: Paneth cells metabolically support ISCs. <i>Cell Research</i> , 2017, 27, 851-852.	5.7	8
2	Metabolic Teamwork in the Stem Cell Niche. <i>Cell Metabolism</i> , 2017, 25, 993-994.	7.2	13
3	A case of metabolic identity in the intestinal crypt. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 259-259.	8.2	1
4	Cancer stem cells revisited. <i>Nature Medicine</i> , 2017, 23, 1124-1134.	15.2	1,895
5	A novel biosensor based on intestinal 3D organoids for detecting the function of BCRP. <i>Drug Delivery</i> , 2017, 24, 1453-1459.	2.5	16
6	Mitochondrial OXPHOS Induced by RB1 Deficiency in Breast Cancer: Implications for Anabolic Metabolism, Stemness, and Metastasis. <i>Trends in Cancer</i> , 2017, 3, 768-779.	3.8	98
7	Live cell imaging of mouse intestinal organoids reveals heterogeneity in their oxygenation. <i>Biomaterials</i> , 2017, 146, 86-96.	5.7	59
8	The intricate connection between diet, microbiota, and cancer: A jigsaw puzzle. <i>Seminars in Immunology</i> , 2017, 32, 35-42.	2.7	19
9	Lymphocyte Fate and Metabolism: A Clonal Balancing Act. <i>Trends in Cell Biology</i> , 2017, 27, 946-954.	3.6	11
10	Control of intestinal stem cell function and proliferation by mitochondrial pyruvate metabolism. <i>Nature Cell Biology</i> , 2017, 19, 1027-1036.	4.6	238
11	Cell fate decisions: emerging roles for metabolic signals and cell morphology. <i>EMBO Reports</i> , 2017, 18, 2105-2118.	2.0	91
12	The Organoid Reconstitution Assay (ORA) for the Functional Analysis of Intestinal Stem and Niche Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	4
13	C3a Enhances the Formation of Intestinal Organoids through C3aR1. <i>Frontiers in Immunology</i> , 2017, 8, 1046.	2.2	24
14	Defining the role of Lgr5+ stem cells in colorectal cancer: from basic research to clinical applications. <i>Genome Medicine</i> , 2017, 9, 66.	3.6	11
15	Recent Advances in Lgr5 + Stem Cell Research. <i>Trends in Cell Biology</i> , 2018, 28, 380-391.	3.6	99
16	Metabo-Devo: A metabolic perspective of development. <i>Mechanisms of Development</i> , 2018, 154, 12-23.	1.7	28
17	The role of mitochondria in stem cell fate and aging. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	199
18	Metabolic features of cancer stem cells: the emerging role of lipid metabolism. <i>Oncogene</i> , 2018, 37, 2367-2378.	2.6	101

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19	Stereotypical architecture of the stem cell niche is spatiotemporally established by miR-125-dependent coordination of Notch and steroid signaling. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	29
20	Digesting recent stem cell advances in the gut. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 78-80.	8.2	0
21	Intestinal Stem Cells Live Off the Fat of the Land. <i>Cell Stem Cell</i> , 2018, 22, 611-612.	5.2	5
22	TFAM is required for maturation of the fetal and adult intestinal epithelium. <i>Developmental Biology</i> , 2018, 439, 92-101.	0.9	23
23	The Intestinal Epithelium: Central Coordinator of Mucosal Immunity. <i>Trends in Immunology</i> , 2018, 39, 677-696.	2.9	569
24	The Force Is Strong with This One: Metabolism (Over)powers Stem Cell Fate. <i>Trends in Cell Biology</i> , 2018, 28, 551-559.	3.6	32
25	MALDI Mass Spectrometry Imaging for Evaluation of Therapeutics in Colorectal Tumor Organoids. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 516-526.	1.2	71
26	Mechanisms and function of autophagy in intestinal disease. <i>Autophagy</i> , 2018, 14, 216-220.	4.3	64
27	2D- and 3D-Based Intestinal Stem Cell Cultures for Personalized Medicine. <i>Cells</i> , 2018, 7, 225.	1.8	29
28	Colorectal Cancer and Metabolism. <i>Current Colorectal Cancer Reports</i> , 2018, 14, 226-241.	1.0	88
29	A novel and safe small molecule enhances hair follicle regeneration by facilitating metabolic reprogramming. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-15.	3.2	23
30	Combination of a thioxodihydroquinazolinone with cisplatin eliminates ovarian cancer stem cell-like cells (CSC-LCs) and shows preclinical potential. <i>Oncotarget</i> , 2018, 9, 6042-6054.	0.8	4
31	Microbiota-Derived Lactate Accelerates Intestinal Stem-Cell-Mediated Epithelial Development. <i>Cell Host and Microbe</i> , 2018, 24, 833-846.e6.	5.1	277
32	Revisiting the role of metabolism during development. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	136
33	The <i>Citrobacter rodentium</i> type III secretion system effector EspO affects mucosal damage repair and antimicrobial responses. <i>PLoS Pathogens</i> , 2018, 14, e1007406.	2.1	23
34	Stem Cell Intrinsic Hexosamine Metabolism Regulates Intestinal Adaptation to Nutrient Content. <i>Developmental Cell</i> , 2018, 47, 112-121.e3.	3.1	34
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37	Mitochondrial function " gatekeeper of intestinal epithelial cell homeostasis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 497-516.	8.2	190
38	Cellular and epigenetic drivers of stem cell ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 594-610.	16.1	196
39	Lactate enhanced the effect of parathyroid hormone on osteoblast differentiation via GPR81-PKC-Akt signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 737-743.	1.0	26
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41	Radical and lunatic fringes modulate notch ligands to support mammalian intestinal homeostasis. <i>ELife</i> , 2018, 7, .	2.8	23
42	Neuroimmunophysiology of the gut: advances and emerging concepts focusing on the epithelium. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 765-784.	8.2	82
43	Signaling in the stem cell niche: regulating cell fate, function and plasticity. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	143
44	Stem Cell Metabolism in Cancer and Healthy Tissues: Pyruvate in the Limelight. <i>Frontiers in Pharmacology</i> , 2017, 8, 958.	1.6	40
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52	Multitasking Paneth Cells in the Intestinal Stem Cell Niche. <i>Advances in Stem Cells and Their Niches</i> , 2018, 2, 41-75.	0.1	2
53	Intestinal Stem Cells and Their Niche at Homeostasis and Under Stress. <i>Advances in Stem Cells and Their Niches</i> , 2018, 2, 77-97.	0.1	1
54	Intestinal Stem Cells and Their Defining Niche. <i>Advances in Stem Cells and Their Niches</i> , 2018, 2, 1-40.	0.1	2

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55	Advancing insights into stem cell niche complexities with next-generation technologies. <i>Current Opinion in Cell Biology</i> , 2018, 55, 87-95.	2.6	24
56	Live imaging of cell division in 3D stem-cell organoid cultures. <i>Methods in Cell Biology</i> , 2018, 145, 91-106.	0.5	17
57	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. <i>Cell</i> , 2019, 178, 1115-1131.e15.	13.5	231
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67	Lactate Promotes Cancer Stem-like Property of Oral Squamous Cell Carcinoma. <i>Current Medical Science</i> , 2019, 39, 403-409.	0.7	16
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80	From single cells to tissue self-organization. <i>FEBS Journal</i> , 2019, 286, 1495-1513.	2.2	52
81	Recent advances in metal-organic frameworks for separation and enrichment in proteomics analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 66-80.	5.8	53
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87	Adapt and conquer: Metabolic flexibility in cancer growth, invasion and evasion. <i>Molecular Metabolism</i> , 2020, 33, 83-101.	3.0	93
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89	Wnt Signaling in 3D: Recent Advances in the Applications of Intestinal Organoids. <i>Trends in Cell Biology</i> , 2020, 30, 60-73.	3.6	64
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105	Visualization of Stem Cell Niche by Fluorescence Lifetime Imaging Microscopy. <i>Methods in Molecular Biology</i> , 2020, 2171, 65-97.	0.4	8
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116	Fully synthetic matrices for in vitro culture of primary human intestinal enteroids and endometrial organoids. <i>Biomaterials</i> , 2020, 254, 120125.	5.7	106
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119	Stem cell aging: The upcoming era of proteins and metabolites. <i>Mechanisms of Ageing and Development</i> , 2020, 190, 111288.	2.2	16
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129	Bile acids elevated by high-fat feeding induce endoplasmic reticulum stress in intestinal stem cells and contribute to mucosal barrier damage. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 289-295.	1.0	18
130	Metabolic Adaptations in Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2020, 10, 1010.	1.3	100
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132	From gut to glutes: The critical role of niche signals in the maintenance and renewal of adult stem cells. <i>Current Opinion in Cell Biology</i> , 2020, 63, 88-101.	2.6	11
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147	Epithelial cell dysfunction in coeliac disease. <i>International Review of Cell and Molecular Biology</i> , 2021, 358, 133-164.	1.6	8
148	3D Co-culture of Cancer-Associated Fibroblast with Oral Cancer Organoids. <i>Journal of Dental Research</i> , 2021, 100, 201-208.	2.5	35
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155	Portrait of Cancer Stem Cells on Colorectal Cancer: Molecular Biomarkers, Signaling Pathways and miRNAome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1603.	1.8	14
156	Stem cell quiescence: the challenging path to activation. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	54
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