

Organoid Modeling of the Tumor Immune Microenvironment

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mini-tumours tell of immune cells' role in cancer. <i>Nature</i> , 2018, 564, 304-304.	13.7	2
2	Liver Buds and Liver Organoids: New Tools for Liver Development, Disease and Medical Application. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 774-784.	1.7	10
3	Engineered materials for organoid systems. <i>Nature Reviews Materials</i> , 2019, 4, 606-622.	23.8	251
4	Environmental exposures, stem cells, and cancer. , 2019, 204, 107398.		17
5	Massively parallel single-cell chromatin landscapes of human immune cell development and intratumoral T cell exhaustion. <i>Nature Biotechnology</i> , 2019, 37, 925-936.	9.4	622
6	RNase H-dependent PCR-enabled T-cell receptor sequencing for highly specific and efficient targeted sequencing of T-cell receptor mRNA for single-cell and repertoire analysis. <i>Nature Protocols</i> , 2019, 14, 2571-2594.	5.5	23
7	Xenograft and organoid model systems in cancer research. <i>EMBO Journal</i> , 2019, 38, e101654.	3.5	257
8	Thread as a Low-Cost Material for Microfluidic Assays on Intact Tumor Slices. <i>Micromachines</i> , 2019, 10, 481.	1.4	8
9	Nerves and Pancreatic Cancer: New Insights into a Dangerous Relationship. <i>Cancers</i> , 2019, 11, 893.	1.7	50
10	YAP and TAZ: a signalling hub of the tumour microenvironment. <i>Nature Reviews Cancer</i> , 2019, 19, 454-464.	12.8	252
11	Molecular Targeting Nanoprobes with Non-Overlap Emission in the Second Near-Infrared Window for <i>in Vivo</i> Two-Color Colocalization of Immune Cells. <i>ACS Nano</i> , 2019, 13, 12830-12839.	7.3	44
12	Patient-derived organoids can predict response to chemotherapy in metastatic colorectal cancer patients. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	451
13	Immunogenomics of Colorectal Tumors: Facts and Hypotheses on an Evolving Saga. <i>Trends in Cancer</i> , 2019, 5, 779-788.	3.8	22
14	Fibroblasts Fuel Immune Escape in the Tumor Microenvironment. <i>Trends in Cancer</i> , 2019, 5, 704-723.	3.8	107
15	Addressing Patient Specificity in the Engineering of Tumor Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 217.	2.0	53
16	A Comprehensive PDX Gastric Cancer Collection Captures Cancer Cell's Intrinsic Transcriptional MSI Traits. <i>Cancer Research</i> , 2019, 79, 5884-5896.	0.4	53
17	Organoid 2.0. <i>Nature Reviews Cancer</i> , 2019, 19, 126-127.	12.8	4
18	Anticancer drug discovery using multicellular tumor spheroid models. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 289-301.	2.5	70

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19	The gut microbiota and colon cancer. <i>Science</i> , 2019, 364, 1133-1135.	6.0	213
20	Gut organoids: mini-tissues in culture to study intestinal physiology and disease. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C405-C419.	2.1	75
21	The role of mouse tumour models in the discovery and development of anticancer drugs. <i>British Journal of Cancer</i> , 2019, 121, 101-108.	2.9	119
22	Cancer modeling meets human organoid technology. <i>Science</i> , 2019, 364, 952-955.	6.0	577
23	Breakthrough Moments: Organoid Models of Cancer. <i>Cell Stem Cell</i> , 2019, 24, 839-840.	5.2	7
24	Design Approaches for Generating Organ Constructs. <i>Cell Stem Cell</i> , 2019, 24, 877-894.	5.2	26
25	Improved Oxygen Supply to Multicellular Spheroids Using A Gas-permeable Plate and Embedded Hydrogel Beads. <i>Cells</i> , 2019, 8, 525.	1.8	11
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27	T cell immunotherapy enhanced by designer biomaterials. <i>Biomaterials</i> , 2019, 217, 119265.	5.7	40
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34	Large-scale compound screens and pharmacogenomic interactions in cancer. <i>Current Opinion in Genetics and Development</i> , 2019, 54, 12-16.	1.5	6
35	Polytherapy and Targeted Cancer Drug Resistance. <i>Trends in Cancer</i> , 2019, 5, 170-182.	3.8	183
36	Single-cell transcriptome analysis identifies distinct cell types and niche signaling in a primary gastric organoid model. <i>Scientific Reports</i> , 2019, 9, 4536.	1.6	25

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38	From cell lines to living biosensors: new opportunities to prioritize cancer dependencies using ex vivo tumor cultures. <i>Current Opinion in Genetics and Development</i> , 2019, 54, 33-40.	1.5	20
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41	<i>Helicobacter pylori</i> infection and gastric cancer biology: tempering a double-edged sword. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2477-2486.	2.4	59
42	Programmed cell death protein 1/programmed death ligand-1 checkpoint blockade meets patient-derived organoids. <i>Annals of Translational Medicine</i> , 2019, 7, S287-S287.	0.7	1
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44	The Biophysics of Lymphatic Transport: Engineering Tools and Immunological Consequences. <i>IScience</i> , 2019, 22, 28-43.	1.9	31
45	Emerging organoid models: leaping forward in cancer research. <i>Journal of Hematology and Oncology</i> , 2019, 12, 142.	6.9	114
46	Bioprofiling TS/A Murine Mammary Cancer for a Functional Precision Experimental Model. <i>Cancers</i> , 2019, 11, 1889.	1.7	15
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56	Organoid Cultures as Preclinical Models of Non-“Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 1162-1174.	3.2	148
57	Investigating Tumor Heterogeneity in Mouse Models. <i>Annual Review of Cancer Biology</i> , 2020, 4, 99-119.	2.3	42
58	Nanoformulated Zoledronic Acid Boosts the VÎ2 T Cell Immunotherapeutic Potential in Colorectal Cancer. <i>Cancers</i> , 2020, 12, 104.	1.7	24
59	Organoids as Oracles for Precision Medicine in Rectal Cancer. <i>Cell Stem Cell</i> , 2020, 26, 4-6.	5.2	11
60	A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. <i>Cell</i> , 2020, 180, 188-204.e22.	13.5	529
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62	Tracking the immune response with single-cell genomics. <i>Vaccine</i> , 2020, 38, 4487-4490.	1.7	7
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66	Improving natural product research translation: From source to clinical trial. <i>FASEB Journal</i> , 2020, 34, 41-65.	0.2	45
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68	Single-cell transcriptional analyses of spasmolytic polypeptide-expressing metaplasia arising from acute drug injury and chronic inflammation in the stomach. <i>Gut</i> , 2020, 69, 1027-1038.	6.1	50
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71	Three-Dimensional Culture Systems in Gastric Cancer Research. <i>Cancers</i> , 2020, 12, 2800.	1.7	18
72	Multifunctional peptides for tumor therapy. <i>Advanced Drug Delivery Reviews</i> , 2020, 160, 36-51.	6.6	40

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74	Promising Applications of Tumor Spheroids and Organoids for Personalized Medicine. <i>Cancers</i> , 2020, 12, 2727.	1.7	72
75	Enterococcal Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection. <i>PLoS Pathogens</i> , 2020, 16, e1008851.	2.1	24
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79	Immune receptor inhibition through enforced phosphatase recruitment. <i>Nature</i> , 2020, 586, 779-784.	13.7	59
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81	Exploration of Feasible Immune Biomarkers for Immune Checkpoint Inhibitors in Head and Neck Squamous Cell Carcinoma Treatment in Real World Clinical Practice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7621.	1.8	12
82	Organoid Models of Colorectal Pathology: Do They Hold the Key to Personalized Medicine? A Systematic Review. <i>Diseases of the Colon and Rectum</i> , 2020, 63, 1559-1569.	0.7	5
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87	Organotypic culture assays for murine and human primary and metastatic-site tumors. <i>Nature Protocols</i> , 2020, 15, 2413-2442.	5.5	40
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89	Combinatorial Immunotherapies for Metastatic Colorectal Cancer. <i>Cancers</i> , 2020, 12, 1875.	1.7	19
90	Modeling neoplastic disease with spheroids and organoids. <i>Journal of Hematology and Oncology</i> , 2020, 13, 97.	6.9	122

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93	Patient-derived cell line, xenograft and organoid models in lung cancer therapy. <i>Translational Lung Cancer Research</i> , 2020, 9, 2214-2232.	1.3	51
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