

# Dynamic intercellular transport modulates the spatial p during early neural commitment

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Multi-cellular engineered living systems: building a community around responsible research on emergence. <i>Biofabrication</i> , 2019, 11, 043001.	3.7	13
2	Agent-based modeling of morphogenetic systems: Advantages and challenges. <i>PLoS Computational Biology</i> , 2019, 15, e1006577.	1.5	69
3	Automated Design of Pluripotent Stem Cell Self-Organization. <i>Cell Systems</i> , 2019, 9, 483-495.e10.	2.9	36
4	Modeling somatic computation with non-neural bioelectric networks. <i>Scientific Reports</i> , 2019, 9, 18612.	1.6	28
5	Polarity and bioelectrical patterning in a linear chain of non-excitabile cells. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126707.	0.9	0
6	Visualization and quantification of dynamic intercellular coupling in human embryonic stem cells using single cell sonoporation. <i>Scientific Reports</i> , 2020, 10, 18253.	1.6	3
7	Effects of vitamin A and retinoic acid on mouse embryonic stem cells and their differentiating progeny. <i>Methods in Enzymology</i> , 2020, 637, 341-365.	0.4	3
8	A Co-registration Pipeline for Multimodal MALDI and Confocal Imaging Analysis of Stem Cell Colonies. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 986-989.	1.2	13
9	Computational modeling of organoid development. <i>Current Opinion in Biomedical Engineering</i> , 2020, 13, 113-118.	1.8	9
10	Surface/Interface Structure and Chemistry of Lithium-Sulfur Batteries: From Density Functional Theory Calculations Perspective. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100007.	2.8	27
11	Deep neural net tracking of human pluripotent stem cells reveals intrinsic behaviors directing morphogenesis. <i>Stem Cell Reports</i> , 2021, 16, 1317-1330.	2.3	16
12	A bioelectric model of carcinogenesis, including propagation of cell membrane depolarization and reversal therapies. <i>Scientific Reports</i> , 2021, 11, 13607.	1.6	4
13	Generation of 2.5D lung bud organoids from human induced pluripotent stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 217-230.	0.9	3
14	Morphology changes induced by intercellular gap junction blocking: A reaction-diffusion mechanism. <i>BioSystems</i> , 2021, 209, 104511.	0.9	10
16	Community effects allow bioelectrical reprogramming of cell membrane potentials in multicellular aggregates: Model simulations. <i>Physical Review E</i> , 2020, 102, 052412.	0.8	10
17	Algorithmic and Stochastic Representations of Gene Regulatory Networks and Protein-Protein Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 413-425.	1.0	7
18	Cell Systems Bioelectricity: How Different Intercellular Gap Junctions Could Regionalize a Multicellular Aggregate. <i>Cancers</i> , 2021, 13, 5300.	1.7	13
20	Self-Organized Pluripotent Stem Cell Patterning by Automated Design. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3

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21	Using Acoustic Fields to Fabricate ECM-Based Biomaterials for Regenerative Medicine Applications. , 2020, 2, 1-24.		4
23	Protease-controlled secretion and display of intercellular signals. Nature Communications, 2022, 13, 912.	5.8	14
24	Connexins Signatures of the Neurovascular Unit and Their Physio-Pathological Functions. International Journal of Molecular Sciences, 2022, 23, 9510.	1.8	7
25	Engineering multicellular living systemsâ€™ a Keystone Symposia report. Annals of the New York Academy of Sciences, 2022, 1518, 183-195.	1.8	3
26	Transplantation of fragments from different planaria: A bioelectrical model for head regeneration. Journal of Theoretical Biology, 2023, 558, 111356.	0.8	1
27	Bioelectricity of non-excitable cells and multicellular pattern memories: Biophysical modeling. Physics Reports, 2023, 1004, 1-31.	10.3	11