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#### RAT ASTROCYTES

Lithium-loaded GelMA-Phosphate glass fibre constructs: Implications for astrocyte response

<u>A Localized Materials-Based Strategy to Non-Virally Deliver Chondroitinase</u> <u>ABC mRNA Improves Hindlimb Function in a Rat Spinal Cord Injury Model</u>

Senolytic Therapy for Cerebral Ischemia-Reperfusion Injury

Viscoelastic surface electrode arrays to interface with viscoelastic tissues

Functional and transcriptional characterization of complex neuronal cocultures

Pharmacological or genetic depletion of senescent astrocytes prevents whole brain irradiation-induced impairment of neurovascular coupling responses protecting cognitive function in mice.

<u>CellSIUS provides sensitive and specific detection of rare cell populations</u> <u>from complex single cell RNA-seg data</u>

Quantitative Translational Analysis of Brain Kynurenic Acid Modulation via Irreversible Kynurenine Aminotransferase II Inhibition

Development of a 3D matrix for modeling mammalian spinal cord injury in <u>vitro</u>

Evaluation of Four Tumor-Specific Promoters in Various Cancer Cell Lines

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RIG-I contributes to the innate immune response after cerebral ischemia	J Inflamm (Lond). 2015; 12: 52
Biased mGlu5-Positive Allosteric Modulators Provide In Vivo Efficacy without Potentiating mGlu5 Modulation of NMDAR Currents	Neuron. 2015 May 20;86(4):1029-40. doi: 10.1016/j.neuron.2015.03.063
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<u>Selection Based on FOXA2 Expression Is Not Sufficient to Enrich for</u> <u>Dopamine Neurons From Human Pluripotent Stem Cells</u>	Stem Cells Transl Med. 2014 Sep;3(9):1032-42. doi: 10.5966/sctm.2014-0011. Epub 2014 Jul 14
Fast and efficient neural conversion of human hematopoietic cells	Stem Cell Reports. 2014 Dec 9;3(6):1118-31
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Attenuation of scratch-induced reactive astrogliosis by novel EphA4 kinase inhibitors	J. Neurochem. (2011) 118, 1016–1031
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