

Materials List for:

# New Application of an Atmospheric Pressure Plasma Jet as a Neuro-protective Agent Against Glucose Deprivation-induced Injury of SH-SY5Y Cells

Xu Yan<sup>\*1,3,4,5</sup>, Zhaozhong Meng<sup>\*2</sup>, Jiting Ouyang<sup>2</sup>, Yajun Qiao<sup>2</sup>, Fang Yuan<sup>1,3,4,5</sup>

<sup>1</sup>Department of Pathophysiology, Beijing Neurosurgical Institute/Beijing Tiantan Hospital, Capital Medical University

<sup>2</sup>School of Physics, Beijing Institute of Technology

<sup>3</sup>Beijing Key Laboratory of Central Nervous System Injury, Beijing Neurosurgical Institute, Beijing Tiantan Hospital, Capital Medical University

<sup>4</sup>Beijing Key Laboratory of Translational Medicine for Cerebrovascular Disease, Beijing Tiantan Hospital, Capital Medical University

<sup>5</sup>China National Clinical Research Center for Neurological Diseases, Beijing Tiantan Hospital, Capital Medical University

\* These authors contributed equally

Correspondence to: Xu Yan at [devil-yx@163.com](mailto:devil-yx@163.com), Jiting Ouyang at [jtouyang@bit.edu.cn](mailto:jtouyang@bit.edu.cn), Fang Yuan at [florayuan@vip.sina.com](mailto:florayuan@vip.sina.com)

URL: <https://www.jove.com/video/56323>

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## Materials

Name	Company	Catalog Number	Comments
SH-SY5Y cell line	China Center for Type Culture Collection	3111C0001CCC000026	
RPMI 1640 medium	Thermo Scientific	21875091	stored at 4 °C
RPMI 1640 medium no glucose	Thermo Scientific	11879020	stored at 4 °C
fetal calf serum	Thermo Scientific	16000044	stored at -20 °C
trypsin-EDTA solution	Solarbio	T1300	stored at 4 °C
96 wells plate	corning	3599	
Cell Counting Kit-8 (CCK-8)	Dojindo Laboratories	CK04	stored at 4 °C
microplate reader	Tecan	M200 Pro	for measuring the absorbance at 450 nm
High – voltage Power Amplifier	Trek	PD06087	for amplifying the power
Function Signal Generator	MaZe Electronics Science&Technology	AT30120	for providing the specific signal
High – Voltage Probe	Tektronix	P6015A	for detecting high voltage
Digital Oscilloscope	Tektronix	DPO4104B	for displaying the signal