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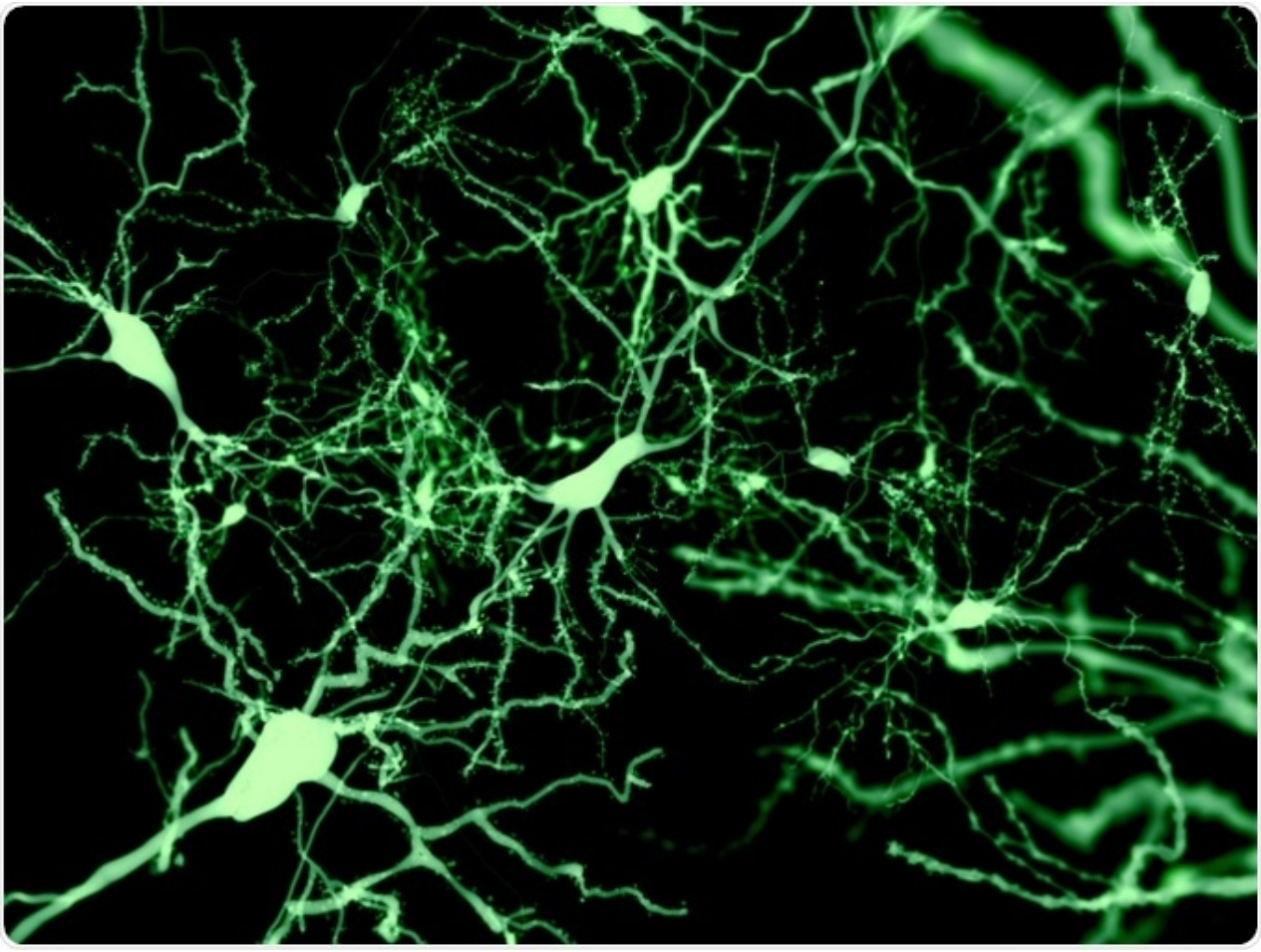
AMSBIO publishes new catalogue that details cutting edge tools for neuroscience research

Feb 9 2017

AMSBIO has published a new 25-page Neuroscience catalogue that details its extensive range of specific tools and reagents to enable researchers stay at the forefront of their field.



Cellular models are key tools that open the door to numerous neuroscience applications including neurodegeneration, neurogensis and developmental diseases. With the discovery that neural stem cells exist in the adult brain many researchers are now seeking to use these cells in *in vitro* studies. To restore normal function in numerous disorders, including Parkinson's Disease and Alzheimers Disease, neural stem cell transplantation is an important emerging strategy. Furthermore, the recent advent of iPSC and genome editing technology including CRISPR has transformed the scope of neuroscience research allowing the generation of isogenic models and the ability to obtain large numbers of neural stem cells, which had been

traditionally difficult to obtain. As many researchers acknowledge the importance of studying the behaviour of neurons, glial cells and neural stem cells with a physiologically relevant context the importance of 3D cell culture has grown.

Beautifully illustrated the new catalogue provides detailed information on the latest neural stem cells, cell culture media / supplements, matrices, scaffolds, cryopreservation media and neural transfection products available from AMSBIO.

AMSBIO is a leading transatlantic based source for neural cells, media and supplements including iPSC-derived cells. The company's large range of substrates and matrices including natural extracellular matrices and artificial scaffolds give you numerous options to develop your in vitro system. AMSBIO also offer proteins, specialised antibodies, ELISA kits, cryopreservation media and an extensive biorepository with neural tissue from numerous species. AMSBIO has an active program of cooperation with leading labs around the world enabling it to continually add new resources to its cutting edge neuroscience range.

Source:

http://www.amsbio.com/

AMS Biotechnology

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AMSBIO is a premier provider of quality life science research reagents and services helping customers develop innovative methods, processes, products and medicines. This is achieved by offering small and medium size manufacturers, academic groups and revenue generating biotechs a unique partnership for the global market and by providing state of the art and cost effective solutions to end users and partners.

Ambitious companies serving the global research science market need state of the art solutions to be able to generate success and help establish a critical mass. The current amsbio portfolio is a testimony to this. Specializing in Genomics, Proteomics, Cell Culture and Stem Cell Sciences.

AMSBIO continues to offer a wide range of solutions from leading manufacturing partners and academic technology transfer departments. Key areas include cell migration, invasion, adhesion and proliferation where a number of platforms suitable for high content analysis are available. Growing

cells in 3D is physiologically relevant and the most innovative set of products and technology currently commercially available for 3-D cell culture has been put together under the AMSBIO umbrella. These products are being used in key regenerative medicine therapy and cancer research as well as offering alternatives to the use of animals in biomedical research.