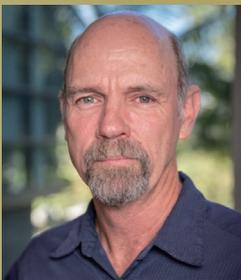


LINK-J & UC San Diego Joint Webinar Series 第6回 with 慶應大学

# 再生医療と 計算神経科学 における最新の展望

New Horizons in Regenerative Medicine and  
Computational Neurobiology *Session 3*



Dr. Andrew McCulloch



Dr. Hideyuki Okano



Dr. Mark Tuszynski



Dr. Junichi Ushiba

LINK-J & UC サンディエゴジョイントウェビナーシリーズの第6回目は、UCサンディエゴの Mark Tuszynski 先生と慶應義塾大学の牛場潤一先生が、脊髄損傷に対する幹細胞治療や脳卒中後のリハビリに向けたブレイン・マシン・インターフェイスの新展開についてお話しします。このウェビナーでは両校の Andrew McCulloch 先生と岡野栄之先生がモデレーターとなり、ディスカッションを行います。  
(使用言語：英語 ※同時通訳あり)

詳細：<https://www.link-j.org/event/post-3434.html>  
主催：LINK-J 共催：UC San Diego  
お問合せ：LINK-J 事務局 [contact@link-j.org](mailto:contact@link-j.org)

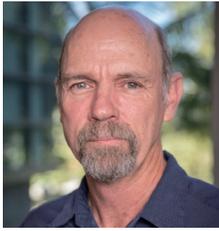
2021  
4.22 木

9:00am - 10:15am

Zoom Webinar  
事前登録こちら >>



## Biography



### Dr. Andrew McCulloch

**Distinguished Professor of Bioengineering and Medicine; Director, Institute of Engineering in Medicine, UC San Diego**

Dr. Andrew McCulloch is Distinguished Professor of Bioengineering and Medicine at the University of California San Diego and Director of the Institute for Engineering in Medicine. He earned his bachelor (1981) and Ph.D. (1986) degrees in Engineering Science at the University of Auckland and joined the UC San Diego faculty in 1987. He directs the UCSD Interfaces Graduate Training Program and the Interdisciplinary Ph.D. Specialization in Multi-Scale Biology. Dr. McCulloch served as Vice Chair of the Bioengineering Department from 2002 to 2005 and Chair from 2005 to 2008. He is also a member of Qualcomm Institute, the Center for Research on Biological Systems, and a Senior Fellow of the San Diego Supercomputer Center.



### Dr. Hideyuki Okano

**Dean, Graduate School of Medicine, Keio University**

2017 - Present: Dean, Keio University Graduate School of Medicine. 2015 - 2017: Dean, Keio University School of Medicine. 2017 - Present: Visiting Professor, Peking University, China. 2009 - Present: Visiting Professor, University of New South Wales, Australia. 2008 - Present: Honorary Professor, the Queensland Brain Institute, Australia. 2007 - 2015: Dean, Keio University Graduate School of Medicine. 2001 - Present: Professor, Department of Physiology, Keio University School of Medicine. 1997 - 2001: Professor, Department of Neuroscience, Osaka University Graduate School of Medicine. 1994 - 1997: Professor, Department of Molecular Neurobiology, Institute of Basic Medical Sciences, University of Tsukuba. 2021 - : President of the Japanese Society of Regenerative Medicine.



### Dr. Mark H. Tuszynski, M.D., Ph.D.

**Distinguished Professor of Neurosciences; Director, Institute of Translational Neurosciences, UC San Diego**

Mark Tuszynski is a Professor of Neurosciences at the University of California, San Diego, and the Founding Director of the UCSD Translational Neuroscience Institute. He received his undergraduate and M.D. degrees from the University of Minnesota (Minneapolis), clinical training in neurology at Cornell University Medical Center in New York, and a Ph.D. in neuroscience at the University of California, San Diego. Dr. Tuszynski's research focuses on central nervous system plasticity in animal models of learning, Alzheimer's disease and spinal cord injury. He has won 15 research awards and is the author of over 180 scientific and medical publications.



### Dr. Junichi Ushiba

**Associate Professor Department of Biosciences and Informatics, Faculty of Science and Technology, Keio University**

Junichi Ushiba graduated from Keio University Faculty of Science and Technology in 2001 and obtained his Ph.D. from Keio University School of Fundamental Science and Technology in 2004. He was a guest researcher at the Center of Sensory-Motor Interaction at Aalborg University, Denmark, for a 6-month period in 2003. He is a regular committee member and chair for various conferences and awards, and he has sat on the board of Japanese Society for Motor Control since 2016 and on the Executive and Scientific Board of the Clinical Brain-Machine Interface (CBMI) Society since 2015.

## LINK-J & UC サンディエゴジョイントウェビナーシリーズ第6回 with 慶應大学

Session 3 Japan Time - APR 22, 2021 @ 9:00-10:15AM; Pacific Time - APR 21, 2021 @ 5:00-6:15 PM

## Program

APR 22 (JST)	APR 21 (PDT)	Agenda
9:00 - 9:02	5:00 - 5:02	<b>Welcome</b> – Akihiko Soyama, LINK-J and Miwako Waga, UC San Diego
9:02 - 9:05	5:02 - 5:05	<b>Remarks</b> – Dr. Hideyuki Okano, MD, PhD, Dean, Graduate School of Medicine, Keio University and Dr. Andrew McCulloch, PhD, Distinguished Professor of Bioengineering and Medicine; Director, Institute of Engineering in Medicine, UC San Diego
9:05 - 9:35	5:05 - 5:35	<b>Presentation – "Stem Cell Therapy for Spinal Cord Injury"</b> Dr. Mark Tuszynski, MD, PhD, Director, UCSD Translational Neurosciences Institute; Distinguished Professor of Neurosciences, UC San Diego
9:30 - 10:00	5:30 - 6:00	<b>Presentation – "Brain-Machine interaction facilitates neural reorganization in post-stroke brains"</b> Dr. Junichi Ushiba, PhD, Associate Professor, Department of Biosciences and Informatics, Faculty of Science and Technology, Keio University
10:00 - 10:14	6:00 - 6:14	<b>Q&amp;A and Discussion</b> – moderated by Drs. Okano and McCulloch
10:14 - 10:15	6:14 - 6:15	<b>Closing Remarks</b> – Akihiko Soyama

## Registration

<https://www.link-j.org/event/post-3434.html> 視聴ご希望の方は URL より事前登録をお願いいたします