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# Issue no.1

## NEUROAGE NEWSLETTER

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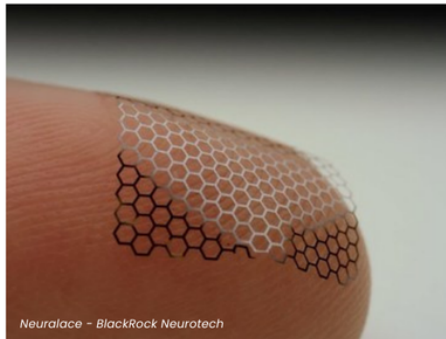
### Welcome to NeuroAge

Thank you for subscribing to the Neurorights Foundation's NeuroAge Magazine. We are excited for you to learn more about the fascinating space of neurotechnology.

With NeuroAge, you will always stay up-to-date with the latest news in neurotech, neuroscience and neurorights. In addition, since you are now a NeuroAge member, you will also benefit from exclusive invites to events and conferences. So, stay tuned!



### What's New?



Neuralace - BlackRock Neurotech

### New in Neurotech

**Blackrock Neurotech Reveals Neuralace: 10,000+ Channel Next-Gen BCI**

Blackrock Neurotech, a leading brain-computer interface company, revealed its next-generation neural interface, Neuralace™, at Society for Neuroscience 2022. The ultra-high channel count and flexible electrode give an important glimpse into the innovative technology that will fuel the company's future BCIs.

[Read Here](#) (Source: PR Newswire)



**Elon Musk Hopes to Test a Brain Implant in Humans Next Year**

According to NYT, Musk said his company, Neuralink, was seeking government approval to test his device in people and predicted it could happen in six months. Others have been conducting similar tests for years, but no device has been marketed commercially. So far, Neuralink has tested the device on sheep, pigs and primates.

[Read Here](#) (Source: New York Times)

**Related Investigation: Elon Musk's Neuralink killed 1,000+ animals during rushed brain chip experiments** (Source: Global News)

What's New?

### New in Neuroscience

#### Theater of Thought - A New Documentary Film

The Neurorights Foundation has teamed with director Werner Herzog to create an extraordinary documentary film about the human brain - Theater of Thought. Theater of Thought has participated and premiered at TIFF - Toronto Film Festival 2022 and TFF - Telluride Film Festival.

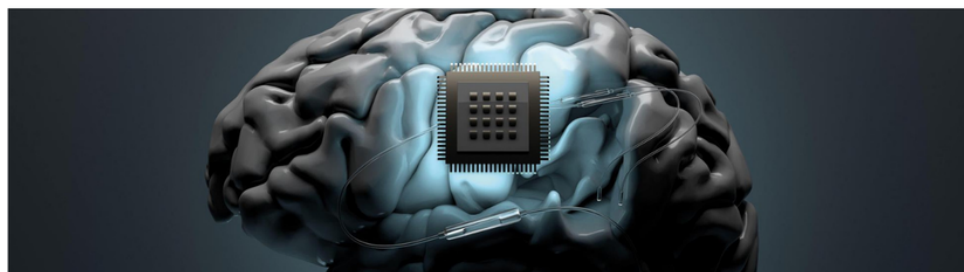
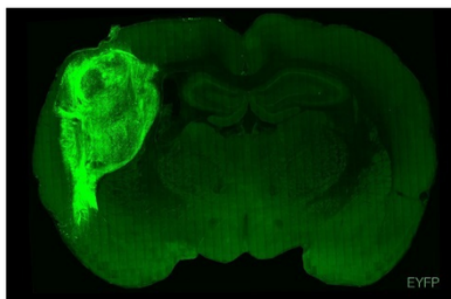
[Read Here](#) (Source: *Neurorights Foundation*)



#### Studies Use Human Neuronal Engineering to Gain Insights into Disease Phenotypes

Two new cellular models provide insights into disease phenotypes and neuronal behavior. One found that human stem cell-derived cortical organoids showed characteristics of a disease, Timothy syndrome, that were previously unknown. The other found that human and mouse neuronal cells in a computer chip can be taught to perform goal-oriented tasks when provided with electrophysiological sensory input and feedback.

[Read Here](#) (Source: *NeurologyToday*)



### New in Neurorights

#### Mind control and human rights - A piece by Dr Allan McCay

Given the development of neurotechnology some important questions now arise: what (if any) ethical considerations actually guide the development of neurotechnologies? What considerations ought to guide them? What will the development of neurotechnologies mean for our legal and political systems and, more generally, the way we live? Is the human rights framework that emerged after the second world war still fit for purpose?

There are issues to be thought through concerning neurotechnology, and although

those who drafted the UDHR did not have neurotech in mind, the UN's Human Rights Council Advisory Committee has just recommended that the council give consideration to the human rights implications of technological development and that thought also be given to the recognition of neurorights. Of course, the UN is now aware of technological developments that were not considered by their post-war predecessors because they were not even on the horizon in 1948.

[Read Here](#) (Source: *Gazette*)