

Ariens Kappers Award winner

Jeff Lichtman

Professor of molecular and cellular biology
at Harvard University



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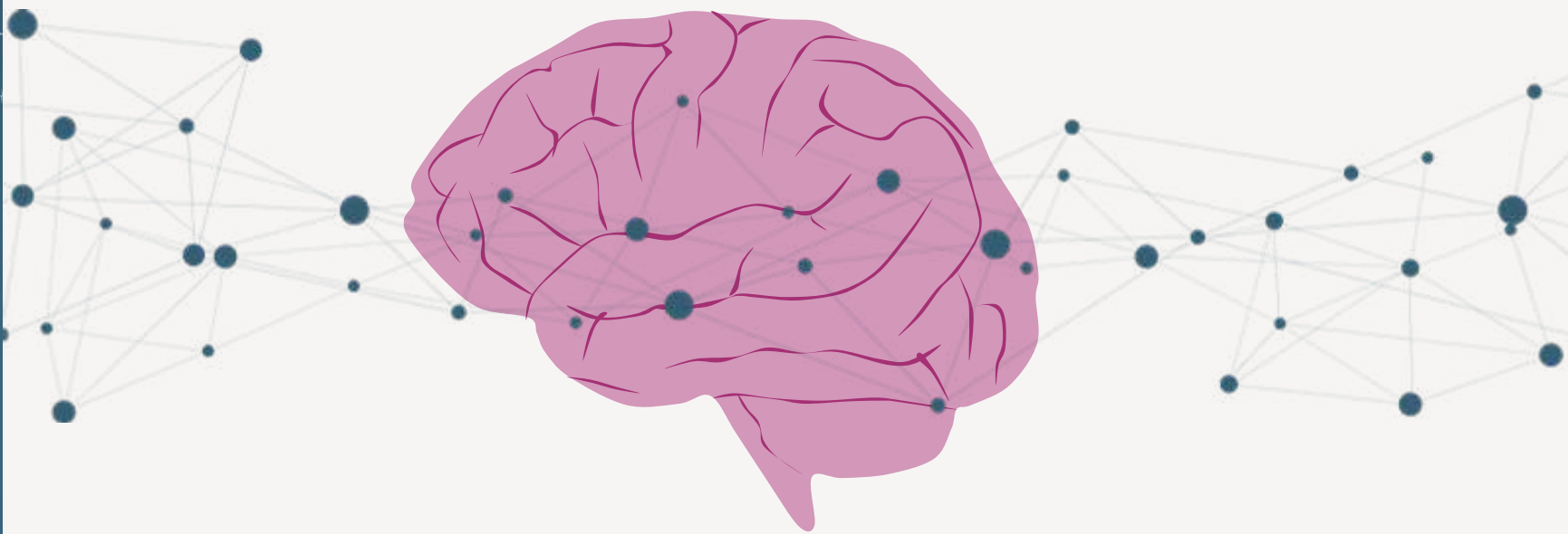
The Ariëns Kappers Medal is a scientific honor named after the Dutch neurologist **Cornelius Ubbo Ariëns Kappers**. From 1909 - 1946, he was the **first director** of the Netherlands Central Institute for Brain Research, now the Netherlands Institute for Neuroscience.



The medal is awarded to people who have made an **outstanding contribution to neuroscience**. This year, the Ariëns Kapper Medal is awarded to three individuals, one of whom is **Jeff Lichtman**.



Lichtman's research focuses on how neurons form and maintain **connections**, and how these evolve over time. By tracking these changes, he aims to uncover how the brain **stores and processes information** throughout life.



To do this, Lichtman's and his team use **advanced imaging methods** to create ultra-detailed maps of these neural networks, down to the nanometer level.

One of their groundbreaking achievements includes the imaging a **tiny, cubic millimeter of human brain tissue** with incredibly high resolution.



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