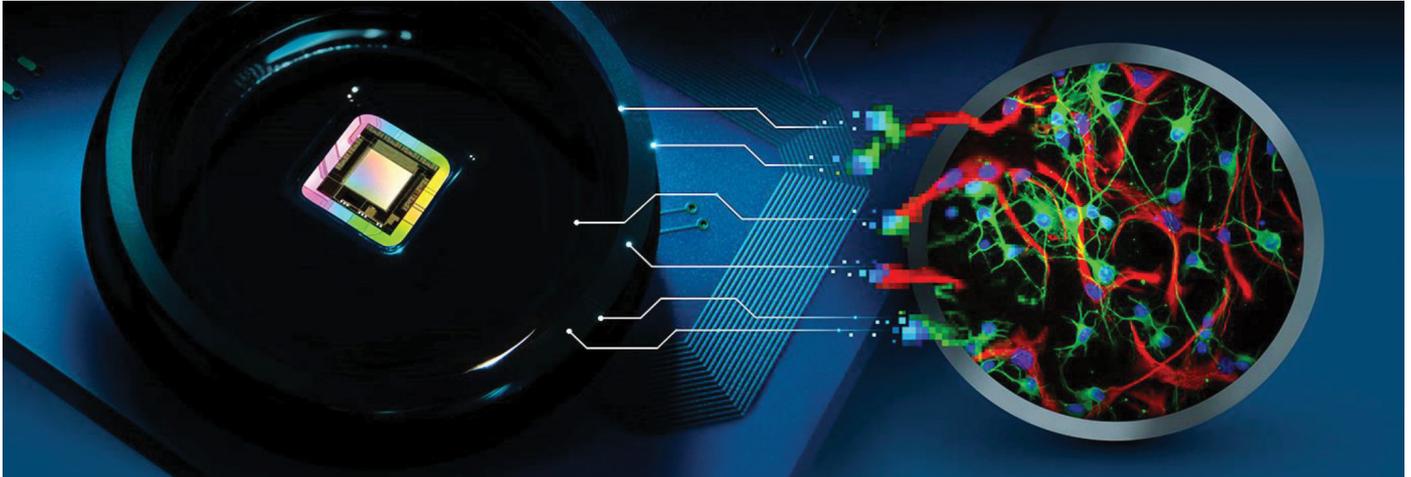


Dipartimento di Biotecnologie e Bioscienze – UNIMIB

martedì 21 gennaio 2020, ore 10:00, aula U4-08, edificio U4



MULTI-ELECTRODE ARRAY TECHNOLOGY FOR NEUROSCIENCE

Dr. Marco Aquila

3Brain AG

Tech in a nutshell : Multi-electrode array (MEA) technology is extensively used in neuroscience to investigate neuronal networks.

3Brain is a leading company in developing and producing CMOS-based high-density MEA technology, which allows uninterrupted, simultaneous high-fidelity electrophysiological recording of network activity at single-cell resolution.

Applications : Whether neurons, cardiac cells, brain organoids, and brain tissues, our technology opens up new possibilities in drug discovery by enabling functional imaging assays, the identification of network functional and dysfunctional states and the precise evaluation of pharmacological responses.

Ospite: Dr. Marzia Maria Lecchi

<https://www.btbs.unimib.it/>

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