



DIPARTIMENTO DI FARMACIA E BIOTECNOLOGIE

Resipher

Presentation & Demo Opportunity

WHEN and WHERE

Presentation: 16th November at 3.00 pm, by Google Meet

Link to participate: [Meet - jqi-eusv-nqw \(google.com\)](https://meet.google.com/jqi-eusv-nqw)

Demo: (Bologna, date to define in December)

Let us know your interest in testing the instrument with your cells!

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More information: <https://lucidsci.com>



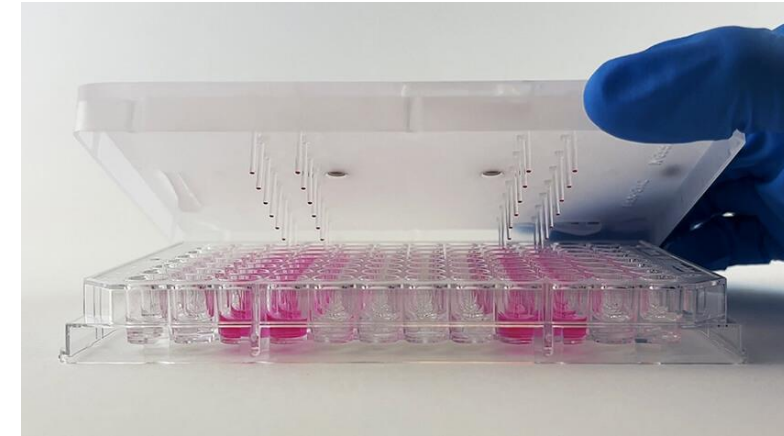
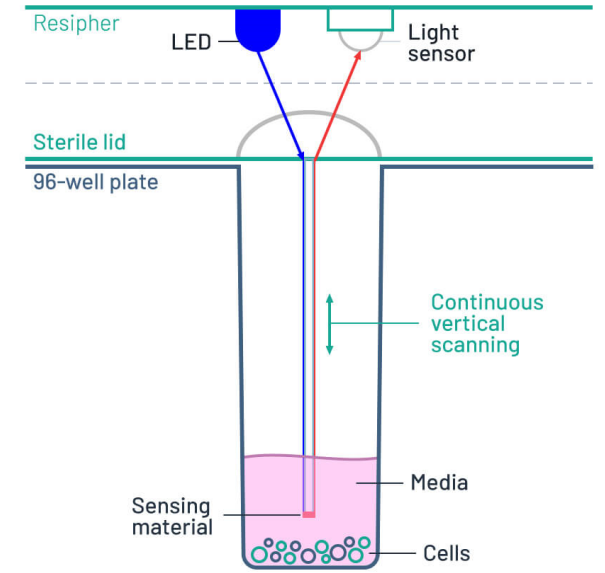
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Resipher

Presentation

- Resipher utilizes proprietary **high-resolution optical oxygen sensors** to measure oxygen consumption and characterize the oxygen environment in cell culture, directly in standard 96 wells plates.
- Lucid Scientific's signal processing algorithms convert concentration readings to cellular oxygen consumption, enhancing experiments in cellular metabolism and **sensing real-time metabolic changes** in response to potential therapeutics.
- All experiment data is stored locally on the hub's hard drive and streamed securely to our cloud platform. Data can then be viewed and analyzed using **Lucid Lab cross-platform web application**.
- Resipher oxygen consumption sensing probes move up and down vertically during experiments. It measures the gradient of oxygen content as the probes move vertically within each well. The software converts the oxygen gradient into oxygen consumption rate and presents the data in an easy-to-read, intuitive fashion.



Ryan Titmas (Vice President Sales Lucid Scientific, Inc.) will present technical characteristics of the instrument and the technology and Luisa Iommarini (Associate Professor in Biochemistry - FABIT) will show some experimental applications and results.



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Demo



If you are interested in a demo, please let us know the following information:

- Group/PI, Department, Research field
- Assay description (kind of cells, what you'd like to evaluate/analyze, duration of the measurement...)

We'll contact you to for some technical tips and to explain what you need for the demo.