



BROWN

Center for Alternatives
to Animals in Testing

New User and New Uses Incentive Program

The [Leduc Bioimaging Center](#) in collaboration with the [Center for Alternatives to Animals in Testing](#) (CAAT) is pleased to announce a **New User and New Uses Incentive Program** to incentivize the use of the **Opera Phenix High Throughput Confocal Microscope**.

The [Opera Phenix](#) is a high-throughput confocal and widefield imaging system for high-content screening of biological samples like cells, organoids, tissue slices and small model organisms. It uses a spinning disk to enable high-speed, high-resolution 3D imaging with low phototoxicity and minimal crosstalk. The automated system with environmental control features for live cell imaging offers simultaneous multi-color acquisition using multiple lasers and cameras, and air objectives (5X, 10X, 20X) as well as water-immersion objectives (20X, 40X, 63X) for enhanced quality. Advanced software with machine learning allows for automated image analysis to identify and quantify biological events efficiently.

New User and New Uses Incentive Program. This program will cover the hourly costs of new users and new uses of the Opera Phenix. Preference is given to new users of the Opera Phenix, junior faculty, new applications of the Opera Phenix and/or applications that seek to reduce the use of animals in research.

Application. To be eligible for support you must be the PI of a lab at Brown University or its affiliated hospitals. To request support, send an email addressed to both Robbert_Creton@Brown.edu, Director of the Leduc Bioimaging Facility and Jeffrey_Morgan@Brown.edu, Donna Weiss '89 and Jason Weiss Director of the Center for Alternatives to Animals in Testing (CAAT). In your email briefly describe your proposed use of the Opera Phenix, estimated cost and how you or your project align with one or more criteria described above. For new users, training on the instrument is mandatory and will be provided by the Leduc Bioimaging Facility. This program has limited funding. Eligible applicants will be awarded on a first-come, first-served basis until the fund is depleted.