WHAT IS CLAIMED IS:

1. A device for analyzing one or more samples, the device comprising:

a receptacle support configured to support a microplate comprising a microplate well configured to hold a sample;

a confocal imaging subsystem configured to image the sample on a cell level;

a non-imaging analyzing subsystem configured to analyze the sample on a well level, the non-imaging analyzing subsystem configured to provide at least one of a first measurement modality to measure an absorbance of the sample, a second measurement modality to measure fluorescence of the sample, and a third measurement modality to measure chemiluminescence of the sample.

2. The device of claim 1, further comprising:

a positioning subsystem, the positioning subsystem being common to both the confocal imaging subsystem and the non-imaging analyzing subsystem, and the positioning subsystem configured to position the receptacle support for the non-imaging analyzing subsystem to analyze the sample and the confocal imaging subsystem to image the sample.

3. The device of claim 2, further comprising:

an incubated chamber configured to incubate the sample.

4. The device of claim 3, further comprising:

a housing that forms an exterior of the device and that encloses the non-imaging analyzing subsystem, the confocal imaging subsystem, and the positioning subsystem.

5. The device of claim 4, wherein the non-imaging analyzing subsystem is configured to provide the first measurement modality, the second measurement modality, and the third measurement modality.

6. The device of claim 5, further comprising:

a temperature control subsystem configured to control temperature around the sample.

7. The device of claim 6, further comprising:

a gas control subsystem configured to control a composition of atmosphere around the sample.

8. The device of claim 7, further comprising:

a processor configured to control operations of the non-imaging analyzing subsystem, the confocal imaging subsystem, the positioning subsystem, the temperature control subsystem, and the gas control subsystem.

9. The device of claim 8, further comprising:

a user interface configured to receive a user input to control the operations of the non-imaging analyzing subsystem, the confocal imaging subsystem, the positioning subsystem, the temperature control subsystem, and the gas control subsystem.

10. The device of claim 1, further comprising:

a temperature control subsystem configured to control atmospheric temperature around the sample; and

a gas control subsystem configured to control atmospheric composition around the sample,

wherein the atmospheric composition is conducive to cell viability.

11. The device of claim 1, wherein (i) one of the confocal imaging subsystem and the non-imaging analyzing subsystem and (ii) the receptacle support share a commonly controlled atmospheric composition.

12. The device of claim 1, wherein the confocal imaging subsystem, the non-imaging analyzing subsystem, and the receptacle support share a commonly controlled atmospheric composition.

13. The device of claim 1, wherein the confocal imaging subsystem comprises an objective to image the sample.

14. The device of claim 1, wherein the confocal imaging subsystem comprises a plurality of objectives mounted on a turret, the plurality of objectives mounted on the turret to be selectable to selectively image the sample.

15. The device of claim 1, wherein the confocal imaging subsystem comprises an imaging light source, and

wherein the non-imaging analyzing subsystem comprises at least one analyzing light source separate from the imaging light source.

16. The device of claim 1, further comprising:

a processor configured to control operations of the non-imaging analyzing subsystem and the confocal imaging subsystem.

17. The device of claim 1, further comprising:

a user interface configured to receive a user input to control the operations of the non-imaging analyzing subsystem and the confocal imaging subsystem.

18. The device of claim 1, further comprising:

a housing that forms an exterior of the device and that encloses the non-imaging analyzing subsystem and the confocal imaging subsystem.

19. The device of claim 1, wherein the non-imaging analyzing subsystem is configured to provide the first measurement modality, the second measurement modality, and the third measurement modality.

20. The device of claim 13, wherein the objective is a liquid immersion objective.

~~21. A device for analyzing a sample, the device comprising:~~

~~a receptacle support configured to support a microplate comprising a microplate well configured to hold the sample;~~

~~an objective configured for imaging the sample;~~

~~a laser point scanning confocal system configured to image the sample via the objective; and~~

~~a spinning disk or wide field imaging system configured to image the sample via the objective,~~

wherein at least a portion of both the laser point scanning confocal system and the spinning disk or wide field imaging system is movably provided such that the laser point scanning confocal system and the spinning disk or wide field imaging system are configured to be selectively aligned with the objective for imaging the sample.

22. The device of claim 21, wherein the objective is a liquid immersion objective.

23. The device of claim 22, wherein

the liquid immersion objective is provided with a sleeve that is mounted to a top end of the objective, and

the sleeve comprises:

a protruding portion that follows a contour of a lens of the liquid immersion objective, towards a top surface of the lens, wherein a space is provided between the protruding portion and the lens of the liquid immersion objective, the space configured to receive a liquid that is to be provided to the top surface of the lens for liquid immersion, and

a top wall, wherein a groove is provided between the top wall and the protruding portion, the groove configured to receive a portion of the liquid after the portion of the liquid is provided to the top surface of the lens.

24. The device of claim 23, wherein a top surface of the sleeve is flush with the top surface of the lens.

25. The device of claim 21, further comprising:

a display; and

~~a controller configured to control the laser point scanning confocal system and the spinning disk or wide field imaging system, and further configured to cause the display to display an interface that enables a user to select between use of the laser point scanning confocal system and the spinning disk or wide field imaging system.~~

~~26. The device of claim 25, wherein the controller is further configured to perform an operation using the laser point scanning confocal system and then an operation using the laser point scanning confocal system, based on an input by the user with respect to the interface.~~