

## **Optical microscopy meets electron microscopy in 3D**

**Bi-Chang Chen**

*Research Center for Applied Sciences, Academia Sinica, Taiwan,*

The holy grail in optical microscopy is imaging 3D biological specimen with the resolution, the same as in electron microscopy. Electron microscopy (EM) has a lot better spatial resolution but no color information and presumably limited to 2D. Instead, optical microscopy has chemical information due to fluorescent labeling with 3D fashion. Here, we are performing lightsheet microscopy combined with expansion microscopy to let optical microscopy meet electron microscopy.