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MICROSCOPY: A NEW LOOK AT A VERY OLD TECHNIQUE

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This very brief review seeks to introduce the basics of microscopy and of far-field and nearfield microscopies, with some suitable examples of both types of microscopes that are frequently used in laboratories. Specifically, it outlines the working principles of Confocal Microscopes, Brewster-Angle Microscopes, Electron Microscopes, Atomic Force Microscopes and Near-field Optical Microscopes.