

# FLASHBACK ON SUPER-RESOLVED FLUORESCENCE MICROSCOPY EXPLOITING A NEW ERA IN OPTICAL NANOSCOPY

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*Developments in optical microscopy are under research throughout the last three centuries. Simple optical microscopy had many back draws. Super resolution fluorescence microscopy sidesteps the Abbe's diffraction limit by bringing a first-hand period on living cell imaging technique and molecular interplay with the help of stimulated emission of GFP and dual laser beam. The development of two different optic principles- Single Molecular Microscopy and STED Microscopy by individual contribution of three Nobel laureates had introduced optical microscopy into a new dimension using fluorescent molecules. The turnover of microscopy into nanoscopy is the focusing point now a days.*

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