CARS MICROSCOPY: COMING OF AGE

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Coherent anti-Stokes Raman scattering (CARS) microscopy is an imaging technique based on nonlinear Raman spectroscopy. The vibrational contrast, high sensitivity, and three dimensional resolution make CARS microscopy a powerful tool for imaging live cells and tissues. Over the past few years, CARS microscopy has evolved into a matured technology with its ever-growing applications both in cell biology and biomedical research.