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Quantitative Analyses on Second Harmonic Generation Microscopy Images of Collagen in Ex Vivo Basal Cell Carcinoma Samples in Comparison to Normal Skin

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Abstract (35 Word Limit): We carried out quantitative analyses including fast Fourier transform and CT-FIRE algorithms on images captured by second harmonic generation microscopy for the identification of basal cell carcinoma in *ex vivo* human skin samples.