Effect of melanin on autofluorescent signal of collagen,  $\lambda_i$ =260nm 1400 Melanin volume 1.0% 3.0% 1200 -5.0% 10.% 1000 -20.% Fluorescence intensity/A.U. 30.% 800 -600 400 200 0

450

500

Wavelength/nm

600

650

550

350

300

400