

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Screenshot brightfield video of zebrafish embryo at 3 days post fertilization prior to live confocal Raman spectroscopic imaging (cRSI) using a 785 nm laser. N=4 embryos were used for qualitative assessment of changes in the blood circulation during live cRSI. No apparent changes were observed.

File Name: Supplementary Movie 2

Description: Screenshot brightfield video of zebrafish embryo at 3 days post fertilization after three consecutive live confocal Raman spectroscopic imaging (cRSI) scans using a 785 nm laser. N=4 embryos were used for qualitative assessment of changes in the blood circulation during live cRSI. No apparent changes were observed.