SUPPLEMENTARY MATERIAL

The potential of chiroptical and vibrational spectroscopies of blood plasma for the discrimination between colon cancer patients and the control group

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**Fig. S1** – ECD spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)

**Fig. S2** – Raman spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)
Fig. S3 – ROA spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)

Fig. S4 – FT-IR spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)
Fig. S5 – The results of PCA for the ECD spectra (250 – 185 nm) of human blood plasma from patients with colon cancer (▲) and healthy controls (●);

Fig. S6 – The results of PCA for the Raman spectra (400 – 1800 cm⁻¹) of human blood plasma from patients with colon cancer (▲) and healthy controls (●)
Fig. S7 – The results of PCA for the ROA spectra (400 – 1800 cm\(^{-1}\)) of human blood plasma from patients with colon cancer (\(\uparrow\)) and healthy controls (\(\bullet\)).

Fig. S8 – The results of PCA for the FT-IR spectra (1760 – 980 cm\(^{-1}\)) of human blood plasma from patients with colon cancer (\(\uparrow\)) and healthy controls (\(\bullet\)).