Analyst

Infrared imaging of MDA-MB-231 breast cancer cell line phenotypes in 2D and 3D cultures

Margarita Smolina and Erik Goormaghtigh*

Laboratory for the Structure and Function of Biological Membranes, Center for Structural Biology and Bioinformatics, Université Libre de Bruxelles (ULB), Bld du Triomphe 2, CP206/02, B-1050 Brussels, Belgium. E-mail: egoor@ulb.ac.be; Fax: +32-2-650-53-82; Tel: +32-2-650-53-86

Supplementary Material

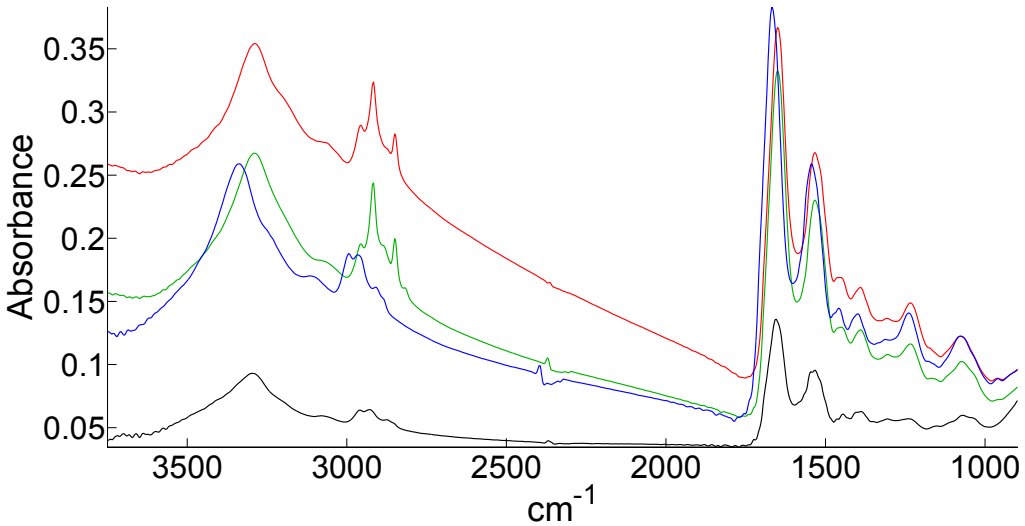

Figure S1. FTIR raw absorbance spectra of MDA-MB-231 cells grown in 2D culture (red), MDA-MB-231 cells grown in 3D culture (green), tumor epithelial cells from breast tissue (blue) and Matrigel matrix present in 3D culture (black). Each spectrum is calculated as a mean of 150 spectra randomly selected between 3800- 900 cm^{-1} without any processing applied.