



**Figure S1.** Intracellular ROS generation by Tp-eth at concentration of 1.0 mg/ml. The cells previously loaded with CellROX were treated with 1.0 mg/mL concentration of Tp-eth extract and observed under the microscope for 24 hours. The representative images obtained at 1, 4 and 16 hours after starting the incubation of MCF-12A, MCF-7 and MDA-MB-468 cells with Tp-eth extract are presented. The live-cells imaging was performed using a BioStation IM platform (Nikon); the time-lapse images were taken with 20x objective on phase contrast and green channel. Scale bar = 10  $\mu$ m.