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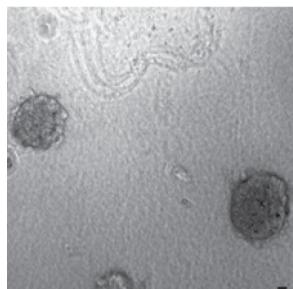
Novel egg white-based 3-D cell culture system

Benny Abraham Kaipparettu¹, Isere Kuiatse¹, Bonita Tak-Yee Chan¹, Meju Benny Kaipparettu², Adrian V Lee¹, and Steffi Oesterreich¹

¹Lester and Sue Smith Breast Center, Departments of Medicine and Molecular and Cellular Biology and ²Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, TX, USA

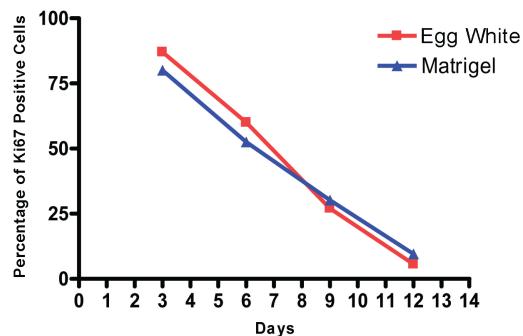
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MCF10A

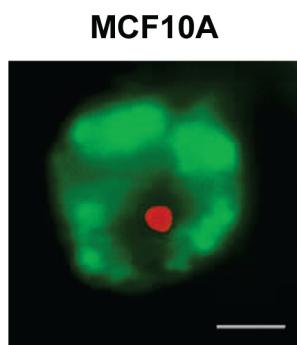


Peacock Egg White

Supplementary Figure S1. Cell growth in peacock egg white. Phase contrast micrographs (10×) of MCF10A cells grown for 8 days in peacock egg white. Scale bar is 25 μm.



Supplementary Figure S2. Cell proliferation of MCF10A acini. Percentage of Ki67 positive cells in MCF10A cultures were calculated on day 3, 6, 9, and 12 of days post-culture in egg white (red) and Matrigel (blue).



Supplementary Figure S3. Calcein AM EthD-III staining of MCF10A acini. Eight-day-old MCF10A acini were stained for apoptotic cells with EthD-III (red), and viable cells were counterstained with calcein AM (green). The picture was photographed on an Olympus IX70 fluorescent microscope (40×). The scale bar is 25 μm.