

Cell Reports, Volume 26

Supplemental Information

Release of Immunomodulatory Ebola Virus

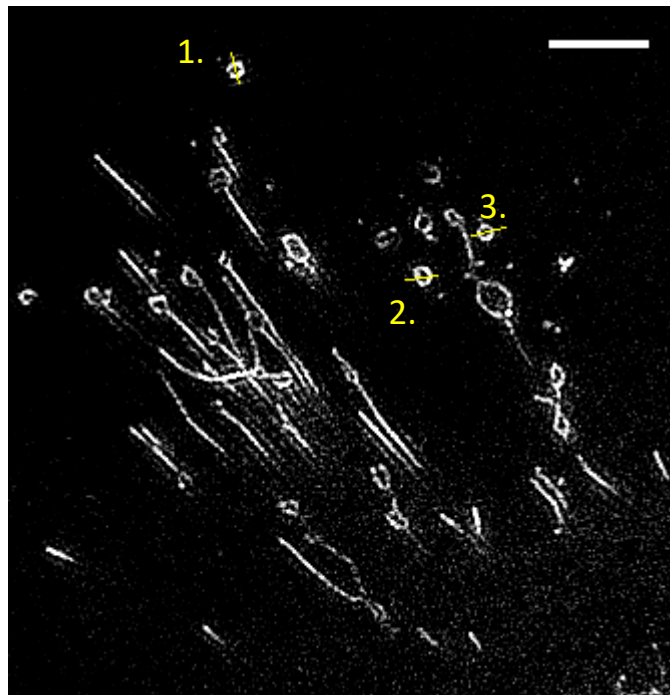
Glycoprotein-Containing Microvesicles Is Suppressed

by Tetherin in a Species-Specific Manner

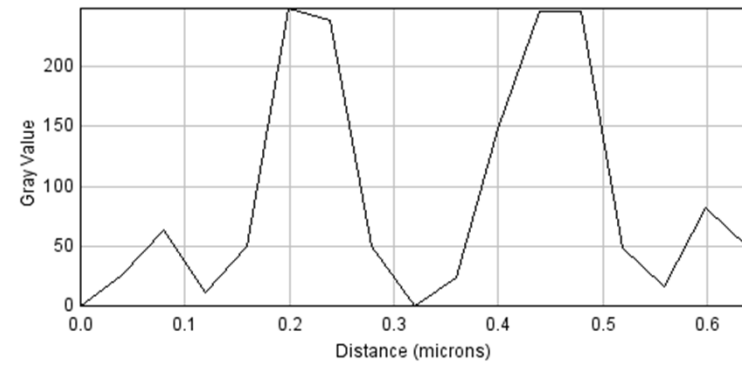
Julia Nehls, Ramona Businger, Markus Hoffmann, Constantin Brinkmann, Birgit Fehrenbacher, Martin Schaller, Brigitte Maurer, Caroline Schönfeld, Daniela Kramer, Stephan Hailfinger, Stefan Pöhlmann, and Michael Schindler

SUPPLEMENTAL FIGURES

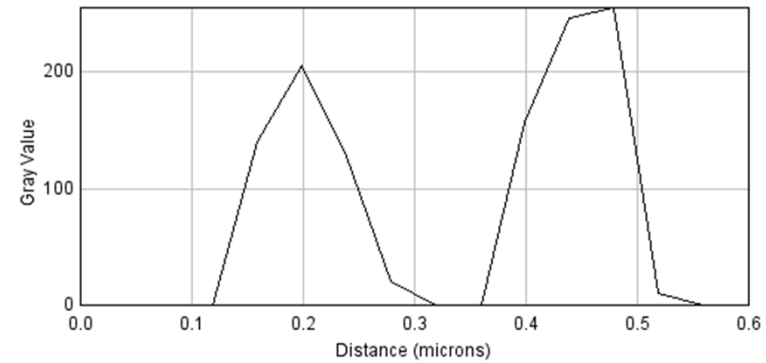
THP-I



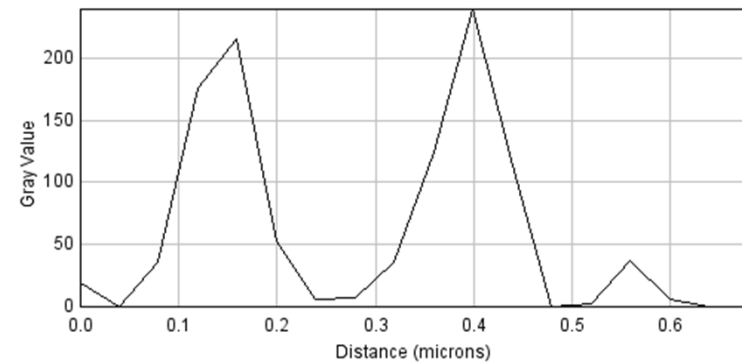
1.



2.

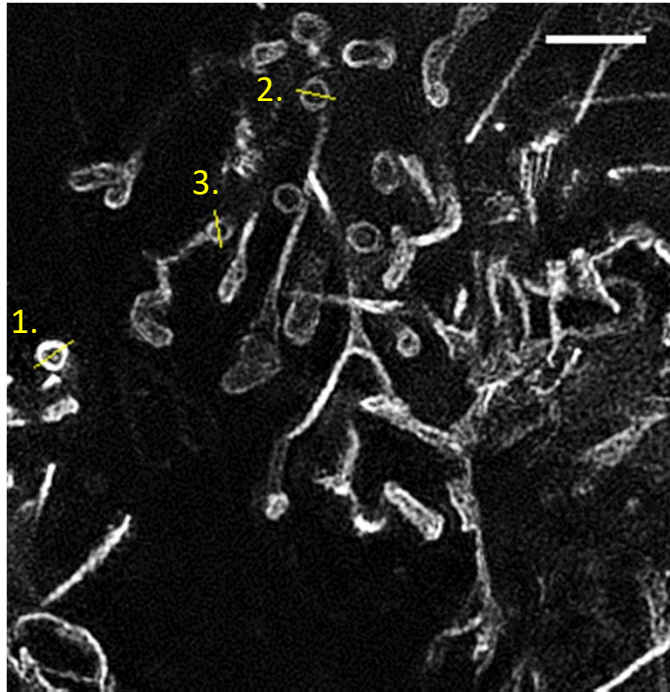


3.



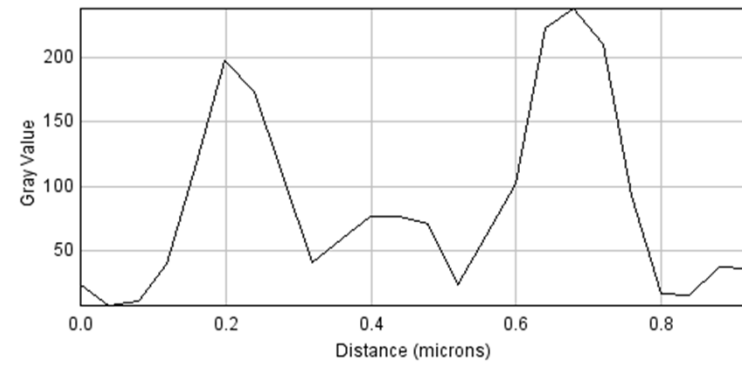
Supplemental Fig. 1 related to Fig. 2B and D: THP-I cells were transduced with GP-GFP expressing lentiviruses and analyzed by 3D-SIM live cell microscopy. Line profiles in the still images (compare Fig. 2B) were used to determine and quantify the size of GP-virosomes (compare Fig. 2D).

HeLa

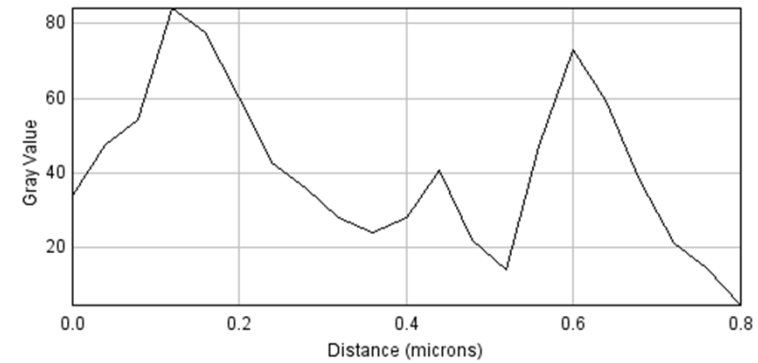


Supplemental Fig. 2 related to Fig. 2B and E: HeLa cells were transduced with GP-GFP expressing lentiviruses and analyzed by 3D-SIM live cell microscopy. Line profiles in the still images (compare Fig. 2B) were used to determine and quantify the size of GP-virosomes (compare Fig. 2E).

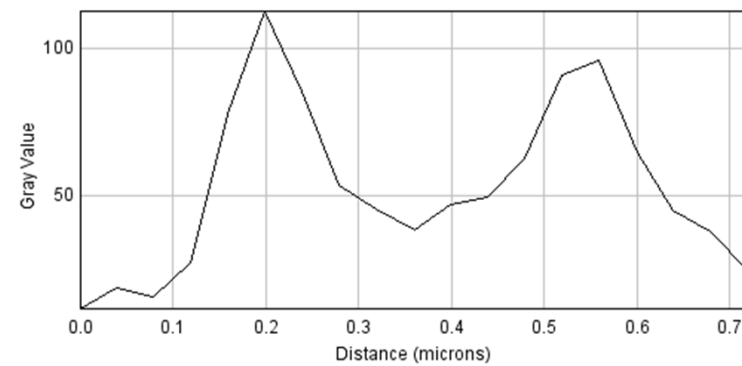
1.

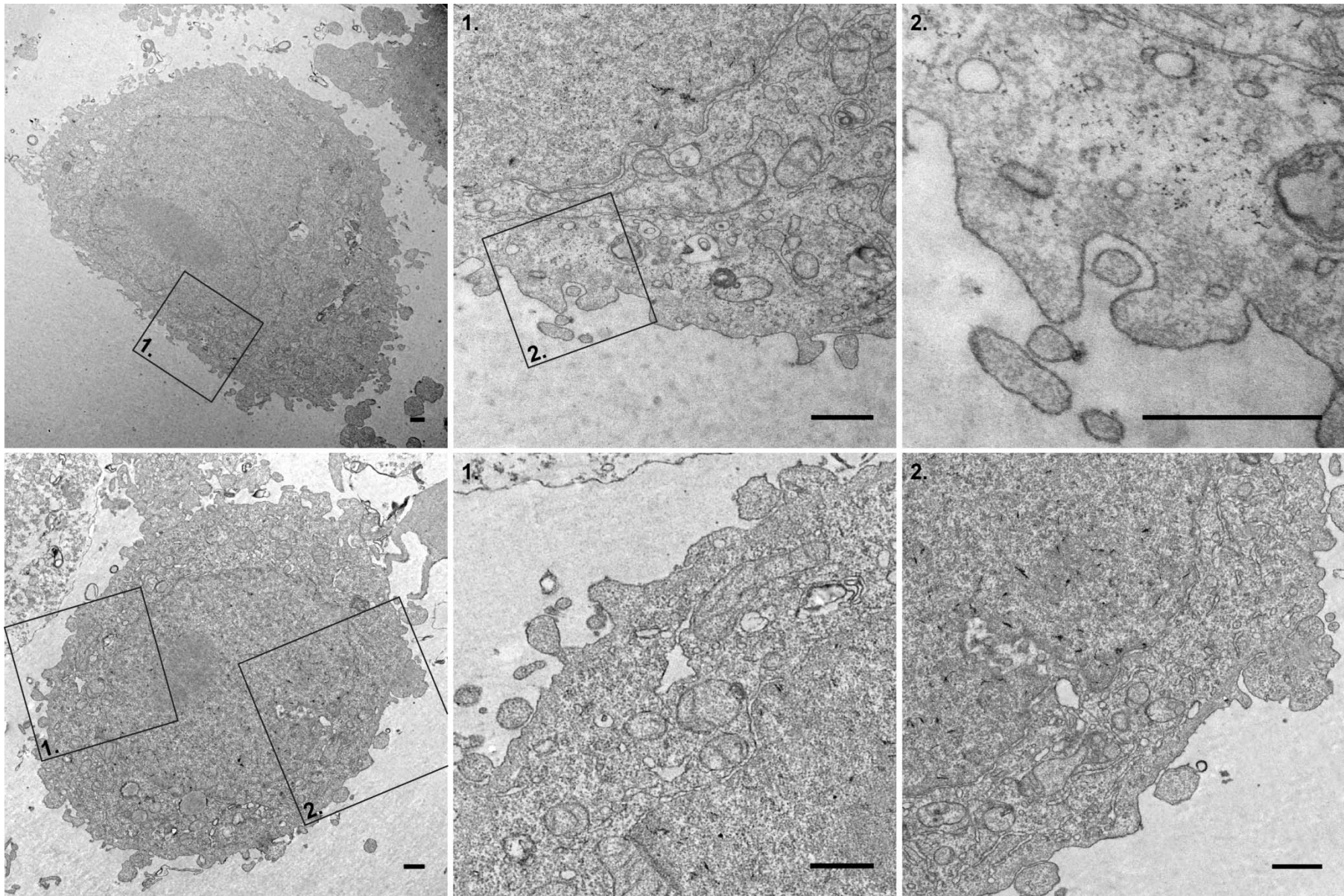


2.

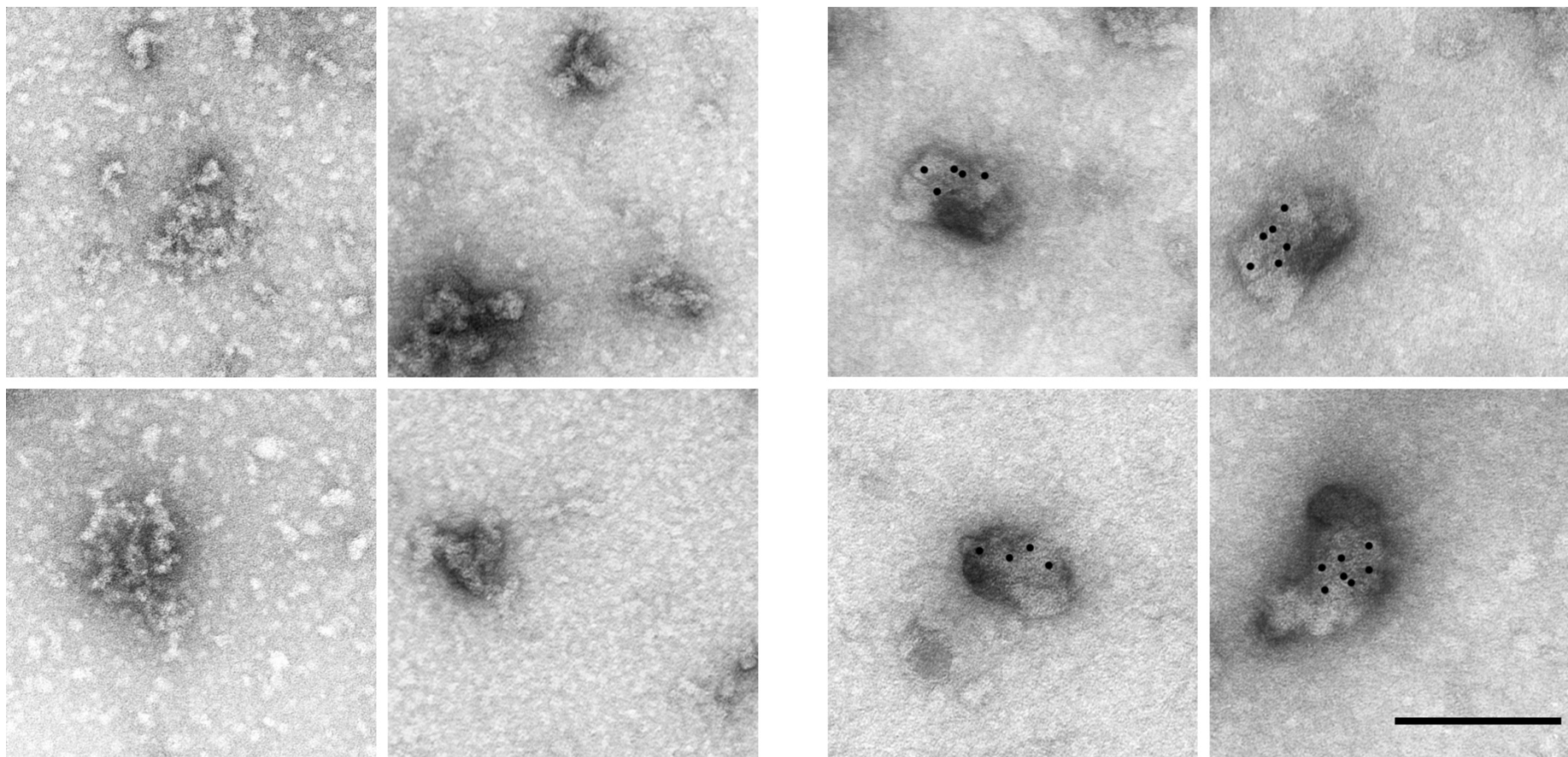


3.





Supplemental Fig. 3 related to Fig. 2F: Non GP-expressing control HeLa cells were analyzed by transmission electron microscopy (compare Fig. 2F). Specific areas visualizing microvesicles were cropped for magnification. Scale bar 500 nm.



Supplemental Fig. 4 related to Fig. 2Q and 2R: Ebola-GP immuno-gold staining of microvesicles produced from mock-transfected (left) or GP-expressing (right) HeLa cells (compare Fig. 2 Q/R). Scale bar 100 nm.