Porphyromonas gingivalis **triggers the shedding of inflammatory endothelial microvesicles that act as autocrine effectors of endothelial dysfunction**

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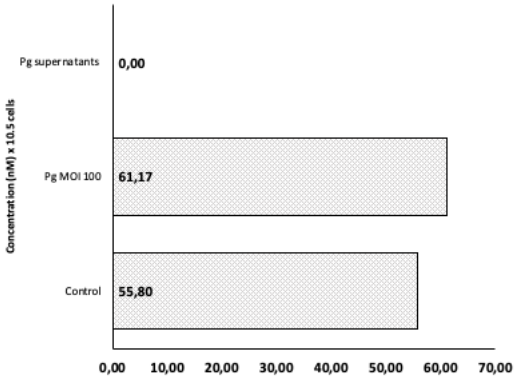
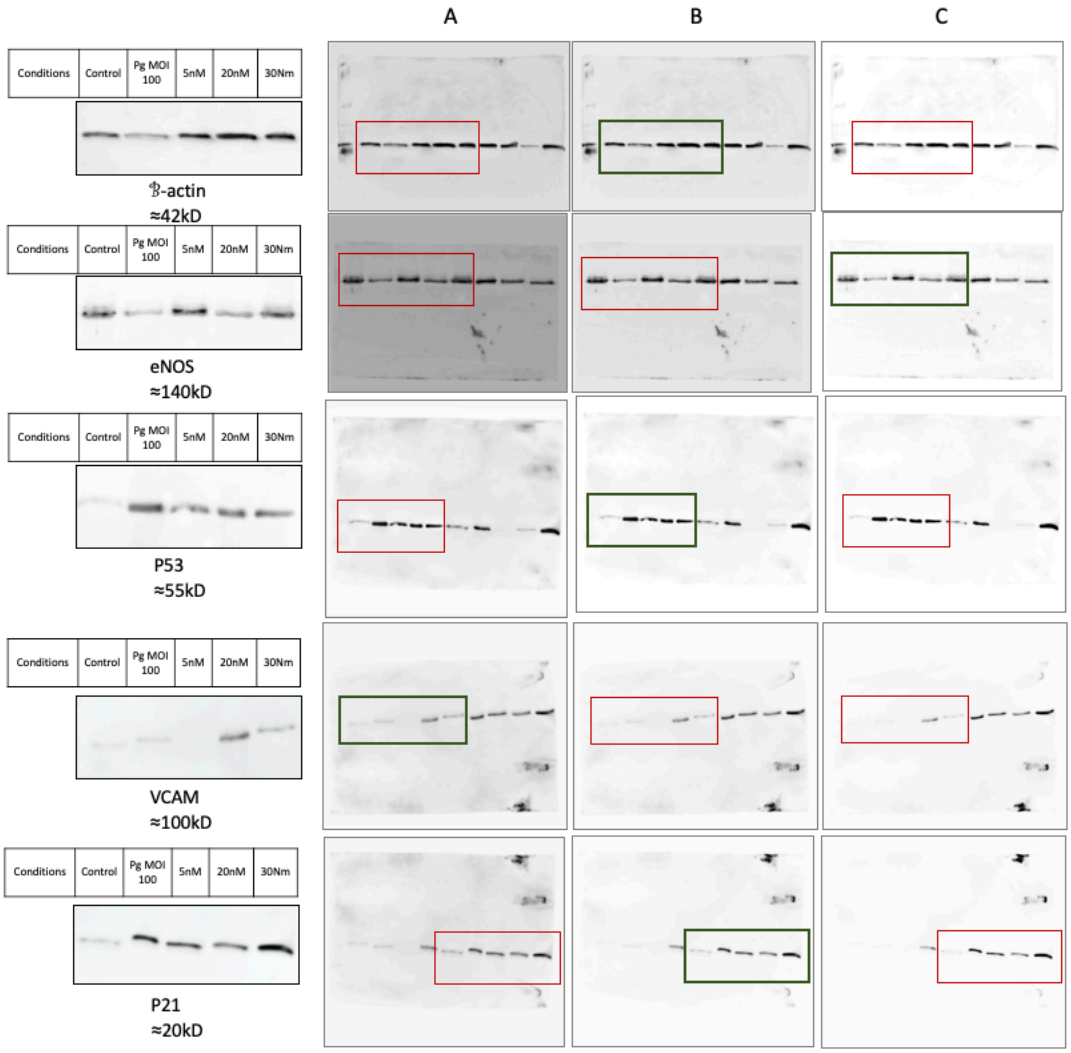
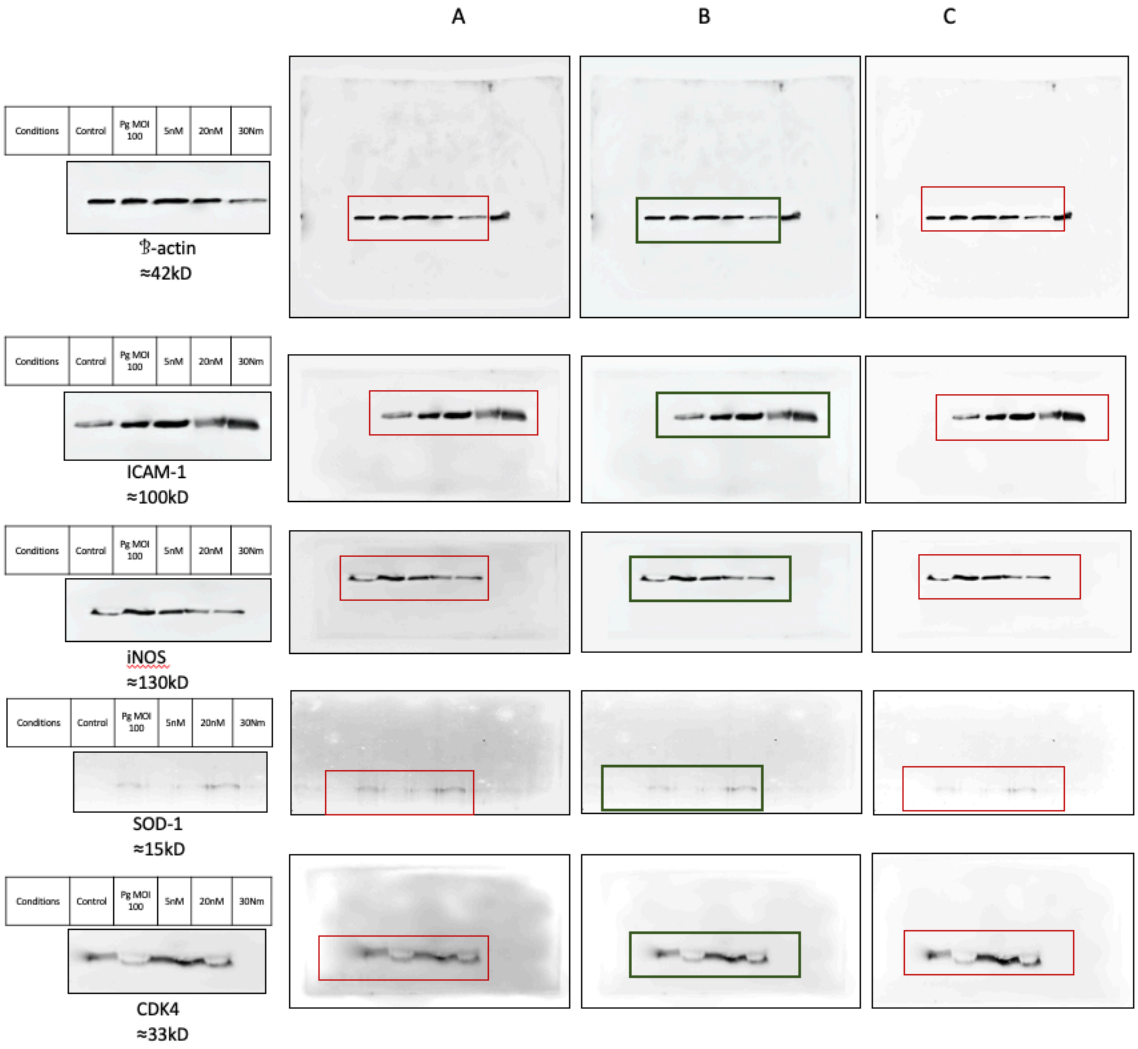


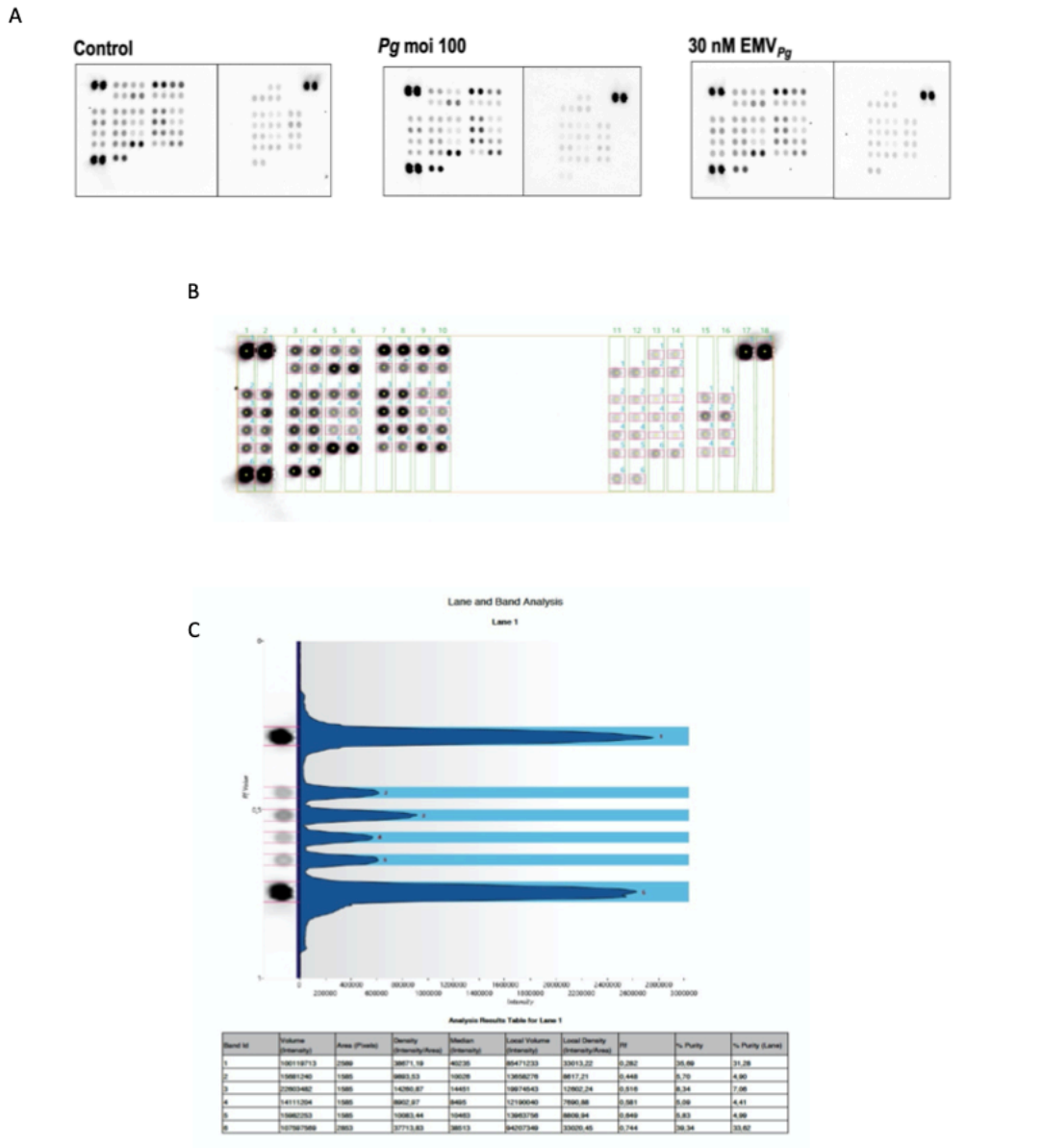
Supplemental Figure 1. EMV dosage. The generation of EMV from naïve EC (control), after 24h and of EC infected with *P.gingivalis* (*Pg*) (MOI=100) or *Pg* culture were measured in the supernatant by prothrombinase assay.



Supplemental Figure 2. Western Blots. The figure shows the original blots for ℬ-actin, eNOS, P53, VCAM and P21, that were cut to indicate only the conditions that were chosen (Control, *Pg*, EMV_{Pg} 5nM, 20nM and 30 nM). Brightness and contrast modifications were performed as shown in panels A, B and C. The green boxes show the area that was presented in the left panel of the figure, the red boxes indicate the same area but with a different time exposure.



Supplemental Figure 3. Western blots. The figure shows the original blots for ℬ-actin, ICAM-1, iNOS, SOD-1 and CDK-4, that were cut to indicate only the conditions that were chosen (Control, *Pg*, EMV_{Pg} 5nM, 20nM and 30 nM). Brightness and contrast modifications were performed as shown in panels A, B and C. The green boxes show the area that was presented in the left panel of the figure, the red boxes indicate the same area but with a different time exposure.



Supplemental Figure 4. Analysis of kinases activation induced by P.gingivalis infection (Pg) (MOI:100) and EMV$_{Pg}$ (30 nM) for 24 h evaluated by phospho-kinase array. (A) The density of spots was measured by MyImage^{TM} Analysis Software 2.0 (Thermofisher) for each molecule and each condition. (B-C) The figure shows how the analysis has been performed for each of the blots of the "Proteome Profiler Human Phopho-Kinase Array Assay" (R&D Systems, Lille, France). Each spot per column and per line was analyzed according to its intensity. This density of spots, corresponding to protein activation, was measured my MyImage^{TM} Analysis Software 2.0 (Thermofisher) for each molecule and each condition.