



**Figure S3. Tyrosine-Nitrated proteins detection.** ECL detection in monodimensional acrylamide gel 12% T 4% C, followed by immunoblotting with Monoclonal Anti 3-nitrotyrosine Clone 18G4 (Sigma-Aldrich). Results normalized with the total protein binding-dye for membrane SYPRO Ruby. Two main bands are detected with the antibody. (A) and (B) Graphics of Placebo and Treatment subjects upper band. (C) and (D) Graphics of Placebo and Treatment subjects lower band. Normalization on pre-bed rest values.