Lipopolysaccharide and Statin Mediated Immune-responsive Protein Networks in Macrophage Revealed Through Affinity Purification Spacer-Arm Controlled Cross-linking (AP-SPACC) Proteomics

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Supplementary Information

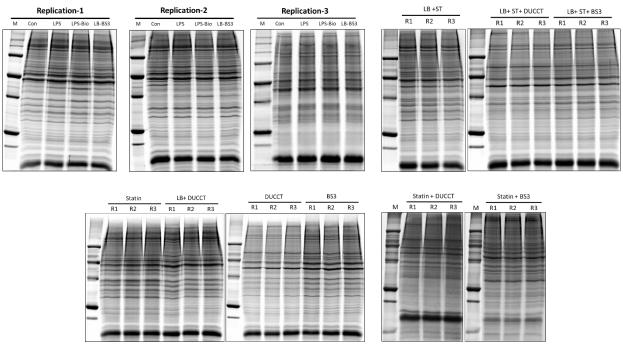


Figure S1 Representative SDS-PAGE gels with the treatment of bio-LPS, statin-bio-LPS, and statin along with cross-linkers in Raw 264.7 macrophage cells.

Total number of protein 1157 1200 1083 1019 1013 956 1000 885 872 836 819 Number of proteins 800 600 527 516 400 200 0 Con BL BLST ST BL BLST ST Con BL BLST ST Con Regular DUCCT BS3 Unique protein 350 317 300 Number of proteins 250 200 174 141 150 110 107 100 50 30

Figure S2 Distribution of identified proteins in RAW 264.7 macrophages during the treatment of bio-LPS, statin-bio-LPS, and statin along with cross-linkers using gel-based affinity proteomics coupled to mass spectrometry.

DUCCT

Bio-LPS-ST

Bio-LPS

Bio-LPS-ST

BS3

Bio-LPS

0

Bio-LPS

Bio-LPS-ST

Regular