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## OLIVE OIL INDUSTRY BY-PRODUCTS. EFFECTS OF A POLYPHENOL-RICH EXTRACT ON THE METABOLOME AND RESPONSE TO INFLAMMATION IN CULTURED INTESTINAL CELL

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<sup>1</sup>*Abbreviations:* ABTS, 2,2'-azinobis 3-ethylbenzothiazoline-6-sulfonate; AFOA, aldehydic form of oleuropein aglycone; d6-DSS, 2,2-dimethyl-2-silapentane-d6-5-sulfonic; DAFOA, dialdehydic form of oleuropein aglycone; DMEM, Dulbecco's modified Eagle's medium; DOP, defatted olive pomace; DPBS, Dulbecco's phosphate-buffered saline; GAE, gallic acid equivalent; GLUT2, glucose transporter 2; IFN $\gamma$ , interferon gamma; IL-10, interleukin 10; IL-12p70, interleukin 12p70; IL-1 $\alpha$ , interleukin 1 alpha; IL-1 $\beta$ , interleukin 1 beta; IL-2, interleukin 2; IL-4, interleukin 4; IL-6, interleukin 6; IL-8, interleukin 8; LDH, lactate dehydrogenase; MTT, methylthiazolyldiphenyl-tetrazolium bromide; MUFA, mono unsaturated fatty acids; NADH, nicotinamide adenine dinucleotide; PC, principal component; PCA, principal component analysis; PRE, polyphenol-rich extract; PUFA, poly unsaturated fatty acids; SGLT1, sodium-glucose transporter 1; TAC, total antioxidant capacity; TB, Trypan Blue; TE, trolox equivalent; TNF $\alpha$ , tumor necrosis factor alpha; TPC, total phenol content

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