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Title: Mononuclear phagocyte accumulates a stearic acid derivative during differentiation into macrophages. Effects of stearic acid on macrophage differentiation and *Mycobacterium tuberculosis* control.

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SFMR and ACC have made similar contributions to this paper:

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Summary sentence: stearic acid from *Mtb*-infected phagocytes improves their differentiation.

Running title. Stearic acid from *Mtb*-infected monocytes.

Abbreviations used in this paper. FAMES, Fatty Acid Methyl Esters; reactive oxygen intermediate species (ROI), nitrogen (RNI) intermediate species; PPD, purified protein derivative.

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