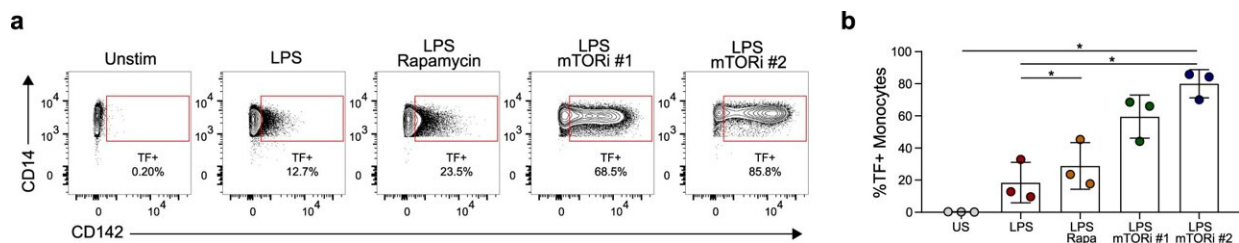


# Inhibiting a metabolic regulator in specialized immune cells increases inflammation

September 16 2022, by Melissa Rohman



mTOR inhibition potentiates surface expression of tissue factor on primary uninfected human monocytes following TLR4 stimulation. a, b Freshly isolated human monocytes from three independent donors were pretreated as indicated with rapamycin (100 nM) or one of two structurally distinct mTORi (AZD2014, mTORi #1; INK128, mTORi #2; each 5  $\mu$ M) or DMSO for 6 h and stimulated with LPS (1  $\mu$ g, 12 h) prior to staining. Representative flow plot (a) and aggregate (b) represent gating on leukocyte/singlet/live/CD14<sup>+</sup>. For b, significance was determined via one-way ANOVA and Tukey's multiple comparisons. \*p

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