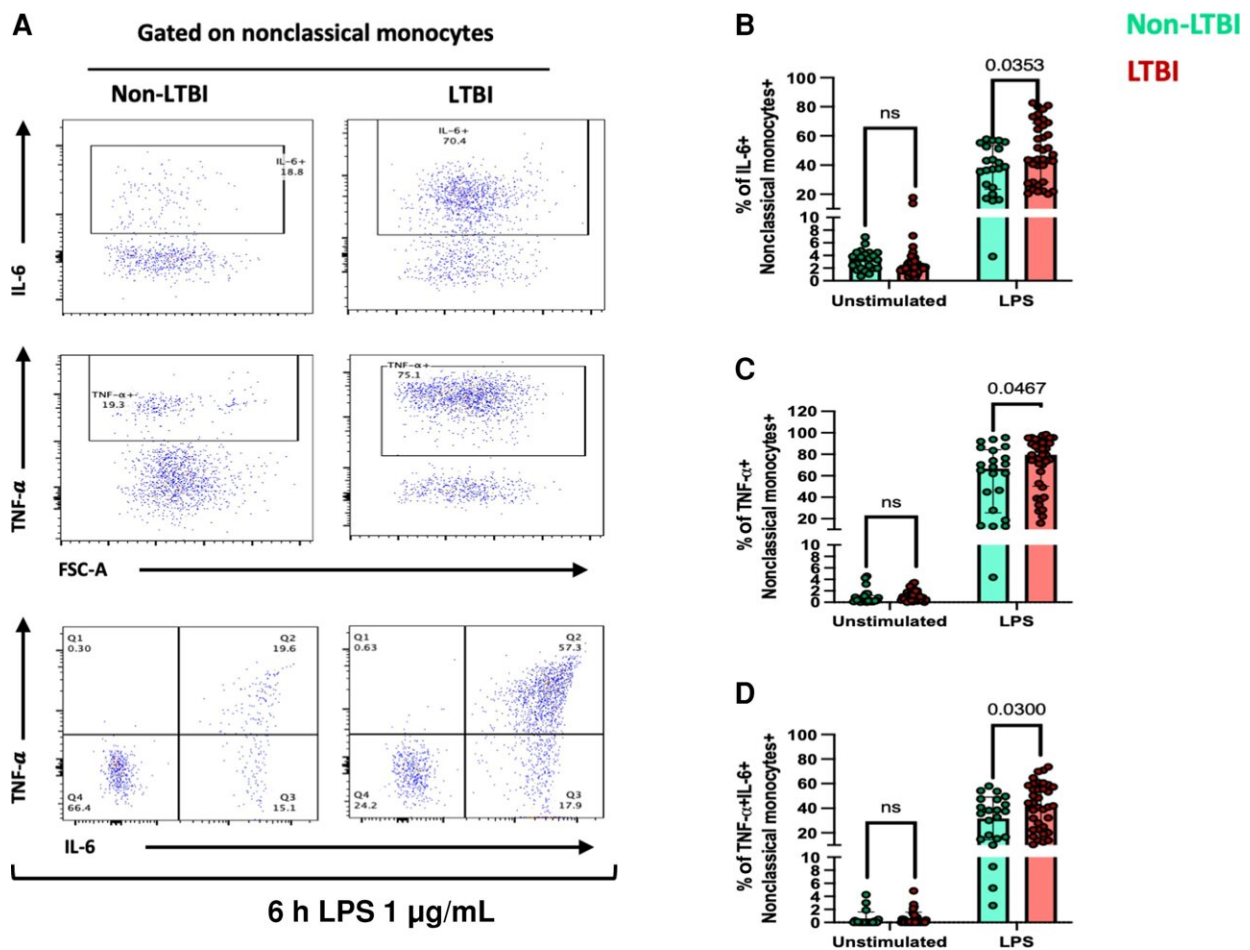


# Research shows people with latent tuberculosis infection are more prone to inflammation

January 6 2023, by Bill Bangert



Alteration in the proinflammatory response of LPS-stimulated monocytes from LTBI individuals. Peripheral blood mononuclear cells were stimulated with LPS 1 μg/mL for 6 hours. Unstimulated control was included. A, Gating strategy for detection of nonclassical monocytes (CD14<sup>dim</sup>CD16<sup>+</sup>) positive for IL-6, TNF-α,

and IL-6<sup>+</sup> TNF- $\alpha$ <sup>+</sup>. Percentage of nonclassical monocytes positive for (B) IL-6, (C) TNF- $\alpha$ <sup>+</sup>, and (D) IL-6<sup>+</sup> TNF- $\alpha$ <sup>+</sup> from the non-LTBI (green color) and LTBI (red color) groups. P values are from the Mann-Whitney test. P values

Citation: Research shows people with latent tuberculosis infection are more prone to inflammation (2023, January 6) retrieved 20 April 2024 from <https://medicalxpress.com/news/2023-01-people-latent-tuberculosis-infection-prone.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.