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On the cover: Image shown is a pseudocolor overlay of toll-like receptor 4 (TLR4) immunofluorescence (green) and nuclear labeling with Hoechst 33258 (blue) in a frozen section of the ileum from formula-fed and hypoxia-stressed neonatal mice at postnatal 48 h. The intense apical TLR4 labeling in enterocytes is characteristic of samples from animals exposed to formula feeding and hypoxia and it is diminished in mother-fed pups. Jillings, T., D. Simon, J. Lu, F. J. Meng, D. Li, R. Schy, R. B. Thomson, A. Soliman, M. Arditi, and M. S. Caplan. 2006. The roles of bacteria and TLR4 in rat and murine models of necrotizing enterocolitis. *J. Immunol.* 177: 3273–3282.

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