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On the cover: Histological analysis showing inflammation induced by *Salmonella enterica* serovar Typhimurium UK-1 in a rabbit ileal loop. The inflammation is characterized by flattening of the villi, marked infiltration of polymorphonuclear cells and thickening of the blood vessel endothelium. This inflammation is eliminated in *Salmonella* strains producing 1-monophosphoryl lipid A. Kong, Q., D. A. Six, K. L. Roland, Q. Liu, L. Gu, C. M. Reynolds, X. Wang, C. R. H. Raetz, and R. Curtiss, III. 2011. *Salmonella* synthesizing 1-monophosphorylated lipopolysaccharide exhibits low endotoxic activity while retaining its immunogenicity. *J. Immunol.* 187: 412–423.

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