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Cover picture: Activators of the peroxisome proliferator-activated receptor γ (PPAR γ)/retinoid X receptor (RXR) protect against colitis. PPAR $\gamma^{+/-}$ (top left) and RXR $\alpha^{+/-}$ (top right) mice both displayed a significant susceptibility to 2,4,6-trinitrobenzene sulfonic acid (TNBS)-induced colitis compared to their wild-type littermates (bottom), as shown in these transparietal colon sections. In the 129/Sv wild-type mice (bottom), the inflammatory infiltrate was moderate, with necrosis limited to the superficial part of the mucosa. Under the same conditions, the lesions were more severe in PPAR $\gamma^{+/-}$ (top left) and RXR $\alpha^{+/-}$ (top right) mice, which showed a thickening of the colon wall, a marked transparietal inflammatory infiltrate, and necrosis. These results demonstrate that both RXR and PPAR γ are involved in the regulation of intestinal inflammation. See related article in this issue by Desreumaux et al., pp. 827–838.