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Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

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COVER: Confocal microscopy images of Zonula Occludins protein 1 (ZO-1) localization after burn. A: Section of distal ileum from sham animal stained for ZO-1. Distribution is clearly seen at the periphery of the intestinal epithelial cells, with an even distribution at areas of cell-cell contact. B: ZO-1 distribution in distal ileum of burned animals is altered (arrow), with loss of staining at the peripheral of the cell. C: Treatment with pentoxifylline improved appearance of ZO-1 staining. Size bar = 20 μ m. See Costantini, et al., pages 416–422, 2009.