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Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

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COVER: Initial time course of bacterial distribution into anatomic compartments. Luminescent bacteria were administered by penile vein and imaged in 30-s intervals for the first 5 min of bacteremia. Almost immediately, partitioning into the liver was detected, and a generally stable steady state was achieved in each case within 3 to 4 min of administration. The rapidity of initial dynamics was such that attention was focused on subsequent events related to further clearance and eradication of bacterial burden. Image series is representative of five animals studied. See Chung et al., pages 518–526, 2008.