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Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

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COVER: Characteristics of circulating endothelial progenitor cells (EPCs). The EPCs from rat bone marrow were isolated and cultured in DMEM containing 20% fetal bovine serum. These EPCs exhibited phenotyping of endothelial cells such as incorporating acetyl-LDL and isolectin (A). Expressions of vWF (B) and VEGFR-2 (C) were detected by immunofluorescent staining. Nuclei were counterstained in blue fluorescence. Formation of round or fusiform shape appearance was also observed after 1 week in culture (D). See Mao et al., pages 196–204, 2010.