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COVER Platelet–endothelial cell adhesion molecule-1 (PECAM-1) immunolocalized to the intercellular borders of human endothelial cells with the peroxidase–anti-peroxidase method. Molecular cloning revealed that PECAM-1 belongs to the cell adhesion molecule subfamily of the immunoglobulin gene superfamily. PECAM-1 is related to or identical to the CD31 antigen present on human platelets and some myeloid cells and may participate in surface recognition events. See page 1219. [Photograph courtesy of William A. Muller and Peter J. Newman]

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