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On the cover: In pneumococcal pneumonia, pulmonary RAGE expression is up-regulated compared with normal situations as reflected by more intense staining (brown). Like in normal situations, the staining has an endothelial pattern: bronchial epithelial cells are negative. Moreover, neutrophils recruited to an area of confluent pneumonia (aqua/green) hardly express RAGE. van Zoelen, M. A. D., M. Schouten, A. F. de Vos, S. Florquin, J. C. M. Meijers, P. P. Nawroth, A. Bierhaus, and T. van der Poll. 2009. The receptor for advanced glycation end products impairs host defense in pneumococcal pneumonia. *J. Immunol.* 182: 4349–4356.

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