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On the cover: Absence of the principal PGE₂ synthesizing enzyme permits marked remodeling of the pulmonary vasculature in response to dust mite allergen-induced lung inflammation. Image shows a ×200 magnification of a section of the lung of a *ptges*^{-/-} mouse stained with an antibody against α-smooth muscle actin. Lundquist, A., S. N. Nallamshetty, W. Xing, C. Feng, T. M. Laidlaw, S. Uematsu, S. Akira, and J. A. Boyce. 2010. Prostaglandin E₂ exerts homeostatic regulation of pulmonary vascular remodeling in allergic airway inflammation. *J. Immunol.* 184: 433–441.

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