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In April 2017, the average time from submission to first decision for all original research papers submitted to *Circulation Research* was 11.9 days.

**On the Cover:** Microscopic image of the thoracic aorta of a mouse in which the NAD⁺ regeneration enzyme, nicotinamide phosphoribosyltransferase, has been ablated in vascular smooth muscle cells. The aorta shows pronounced medial disruption, with expansion of the outer medial layer and fresh hemorrhage, consistent with aortic dissection. See related article, page 1889.