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# Apoptosis and Inflammation

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Apoptotic and normal cells (bovine pulmonary artery endothelial cells): The arrow indicates an apoptotic/nonpermeable cell, while the notched arrowheads indicate apoptotic/permeable cells. The narrow arrowheads highlight examples of viable normal cells. The inset represents a nonapoptotic/permeable (necrotic) cell. Bar = 50  $\mu$ m; 600 $\times$  magnification. From: Thomas HC, Lame MW, Dunston SK et al (1998) Monocrotaline pyrrole induces apoptosis in pulmonary endothelial cells. *Toxicol Appl Pharmacol* 151: 236–244, with permission.

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Dedicated to my wife and family (you know who you are)  
for their love and support,  
and to Ben Weiss for his patient training and friendship.

Jim