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COVER: Ultrastructural analysis. In the control group, mild swelling of mitochondria and edema were found (A, B). After 6 h of increased IAP (C, D), note degeneration of zymogen granules and swelling of mitochondria. Also, endocrine cell disintegration and intracellular edema were found (D). After 12 h (E, F), severe edema, multiple vacuoles, rupture of mitochondria, and necrotic endoplasmic reticulum were observed (E). Partial disintegration of zymogen granules and necrosis of ribosomes indicating autodigestion occurred (F). This was paralleled by a decreased density of the endoplasmic reticulum. Bar depicts 1 μ m. See Otto et al., pages 639–645.