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(−)-Epigallocatechin Gallate Suppresses Azoxymethane-Induced Colonic Premalignant Lesions in Male C57BL/KsJ-db/db Mice. Masahito Shimizu, Yohei Shirakami, Hiroyasu Sakai, Seiji Adachi, Kazuya Hata, Yoshinobu Hirose, Hisashi Tsurumi, Takuji Tanaka and Hisataka Moriwaki .................................................................................................................. 298
About the Cover
The cover image is a surgical resection specimen of non-neoplastic lung parenchyma (200x magnification). 15-Hydroxyprostaglandin dehydrogenase (15-PGDH) in the lung contributes to the short half-life of prostaglandin E₂ in blood, but little was known previously about its cellular location. Immunohistochemical staining showed 15-PGDH expression (strong brown staining) in the cytoplasm of pneumocytes in the non-neoplastic lung parenchyma; this staining/expression was lost in carcinoma tissue (not shown). Reduced expression of 15-PGDH in tumor tissue was associated with an accumulation of multiple bioactive lipids. See article by Hughes et al. beginning on page 241 for more information.