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Lung Cancer Risk Prediction to Select Smokers for Screening CT—Letter
Robert P. Young and Raewyn J. Hopkins

Lung Cancer Risk Prediction to Select Smokers for Screening CT—Response
Patrick Maisonneuve, Vincenzo Bagnardi, Massimo Bellomi, and Giulia Veronesi
The cover features a micropictogram (80X magnification) of H & E staining of a paraffin-embedded liver section of a mouse that received metformin to reduce or prevent hepatocellular carcinogenesis. Metformin (given as 250 mg/kg of body weight in chow) inhibited hepatocellular carcinogenesis induced by the liver-specific carcinogen diethylnitrosamine (DEN) in C57BL/6j mice. Mice injected with DEN at 2 weeks of age were put on metformin or control chow after weaning. At 24 or 36 weeks post-DEN treatment, liver-tumor multiplicity and size were reduced significantly in metformin-fed versus control-fed mice. Representative H & E sections indicate that the pathology of tumors in metformin-fed (featured on the cover) and control-fed mice (not shown) were similar, despite the decrease in tumor formation. In the cover image, the prominent oval shape at the bottom is a blood vessel in the portal tract (with additional vascular spaces below it). Just above and left of this vessel, a hepatocellular tumor appears as a circular cluster of larger cells with enlarged nuclei and somewhat more basophilic cytoplasm. See articles by Bhalla et al. (beginning on page 544) and by Pollak and Gonzalez-Angulo (beginning on page 500) for more information.