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(continued)
expression of a Foxl1-Cre construct marks adult hepatic progenitor cells that have clonogenic and bilineage differentiation potential. Shown here are superimposed Nomarski and immunofluorescence micrographs of sections of an injured mouse liver, which was stained with antibodies directed against Sox9 (red) and YFP (green) and with DAPI (blue) to visualize the nuclei. In the periportal region, a subset of Sox9-expressing cells also expresses a Foxl1-Cre construct that induces YFP expression [mustard yellow]. This Foxl1-Cre, RosaYFP model allows for the easy isolation of adult hepatic progenitor cells that can be expanded and differentiated in culture. (For details, see Shin et al., p. 1185, and related paper by Dorrell et al., p. 1193.)