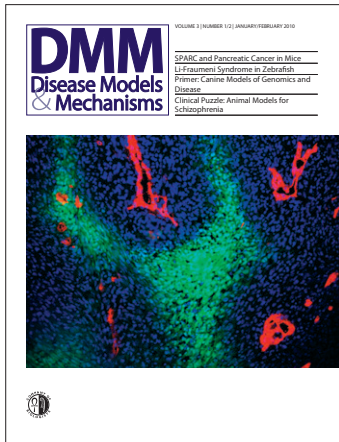


# FRONT RUNNERS



Pancreatic tumors grown in the absence of host-derived SPARC display reduced hypoxia relative to controls. Mice bearing orthotopic pancreatic PAN02 tumors were injected intravenously with a hypoxia marker (Hypoxyprobe-1). Hypoxia within tumors was visualized using an antibody, FITC-conjugated mouse anti-pimonidazole, directed against an adduct that forms when Hypoxyprobe-1 enters hypoxic tissue. The image displays hypoxia (green) near the vasculature (red) stained with a rat anti-mouse endothelial cell antibody (Meca-32). Nuclei are stained with DAPI (blue). See research article by Arnold et al. on page 57.

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