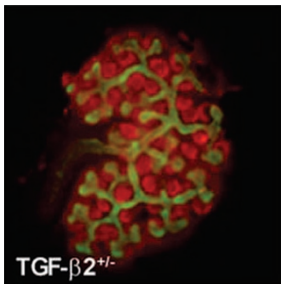


## EDITOR'S FOCUS



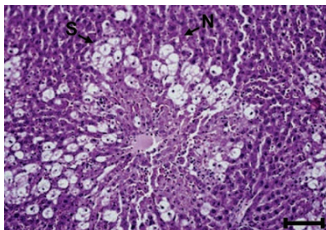
Cardiac specific deletion of ALK3, the receptor IA of bone morphogenetic protein produced ventricular septal defect with downregulation of platelet activating factor acetyl hydroxylase and paired box gene 8 (Pax-8) but upregulation of protein-tyrosine kinase (PTK) of the focal adhesion kinase subfamily and beta subtype protein 14-3-3 downstream genes.

**See page 602**



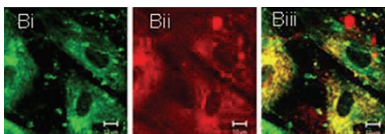
Transforming growth factor- $\beta$  heterozygous mice express increased nephron number in kidneys due to accelerated ureteric branching morphogenesis and nephron formation.

**See page 607**



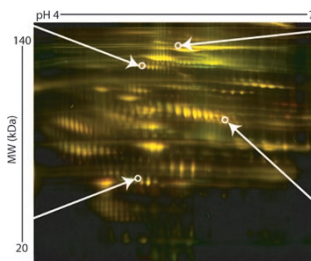
Endothelial nitric oxide synthase is protective in carbon tetrachloride induced hepatotoxicity in newborn rats by post-translational modification of the phosphatidylinositol-3-kinase/Akt signaling pathway.

**See page 613**



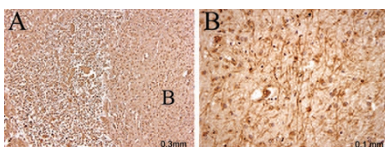
The common underlying theme of juvenile neuronal ceroid lipofuscinosis is perturbed lipid raft structure and/or lipid stoichiometry due to altered CLN protein deficiency.

**See page 625**



The plasma proteome of children undergoing cardiopulmonary bypass revealed significant changes in copper, iron, hemoglobin, epinephrine, norepinephrine, serotonin and certain markers of inflammation and oxidative stress.

**See page 638**



Periventricular leukomalacia of prematurity involves widespread axonal injury in the gliotic white matter far beyond the foci of necrosis, thereby contributing towards the overall white matter volume reduction.

**See page 656**