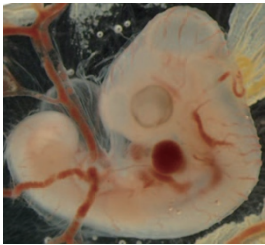
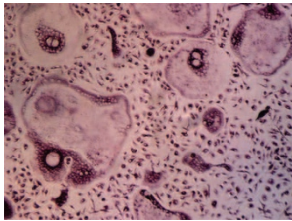


EDITOR'S FOCUS



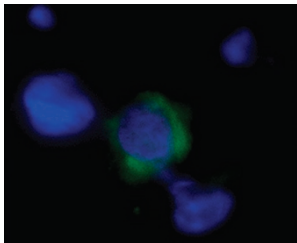
Adriamycin administered to eggs of white Leghorns distributes to the caudal portion of the embryo and foregut epithelium, inducing caudal regression, tracheal and pulmonary agenesis and tracheo-esophageal anomalies reminiscent of VATER association.

See page 607



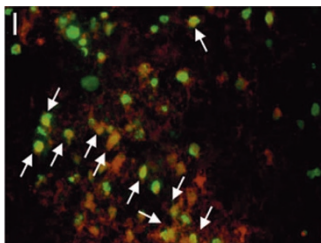
This in-vitro investigation established an important paracrine loop involving the osteoblastic osteopontin which activates Nf1 +/- osteoclasts with intrinsic bone resorption properties leading to osteopenia and osteoporosis.

See page 613



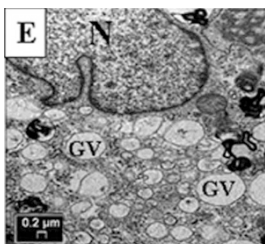
Delivery of human umbilical cord blood cells to neonatal rats with hypoxic-ischemic brain injury failed to attenuate the observed spatial memory deficits and volumetric reduction in the ipsilateral cerebral hemisphere, suggesting the need for further optimization.

See page 631



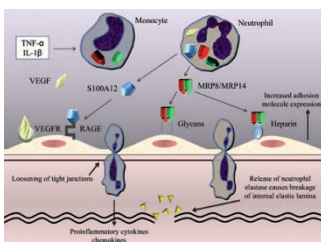
Edaravone, a free radical scavenger, administered within forty-eight hours after a hypoxic-ischemic brain injury in neonatal rats reduced neuronal cell apoptosis and 8-hydroxy-2'-deoxyguanosine expression.

See page 636



Mucopolipidosis type IV, a neurodegenerative channelopathy, is caused by deficiency of TRPML1 which is a proton channel that prevents over acidification of lysosomal organelles. Fibroblasts from severely and mildly affected patients treated with Nigericin demonstrated a reduction, while transfection with the MCOLN1 wild type cDNA that codes for TRPML1, led to removal of most of the lipid storage in vesicles.

See page 686



Infliximab, an adoptive therapy used in refractory Kawasaki disease is effective in suppressing cytokine-mediated inflammation but fails to block local vasculitis.

See page 696