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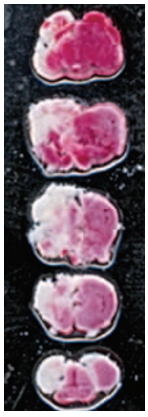
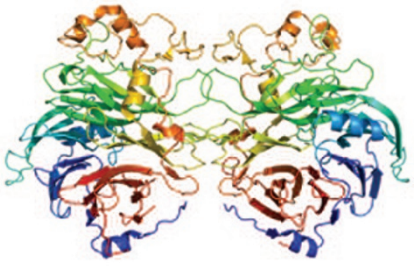
Intravenous immunoglobulin



Chen *et al*. tested the hypothesis that high-dose intravenous immunoglobulin (IVIG) might have an immunomodulatory effect in rat pups subjected to hypoxic–ischemic injury. They observed anatomical and functional improvements in the IVIG-treated pups that correlated with decreased amounts of C3b complement fragments in the injured brain hemisphere.
See page 612

Delayed puberty



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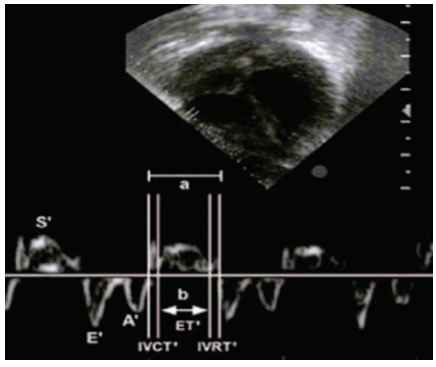
Congenital hypogonadotropic hypogonadism can be caused by an insufficient number of hypothalamic gonadotropin-releasing hormone neurons. Känsäkoski and colleagues investigated the involvement of *SEMA3A* and *SEMA7A* in the disorder.
See page 641

Cardiac dysfunction



Fouzas and coinvestigators evaluated the effect of intrauterine growth restriction (IUGR) on cardiovascular adaptation to extrauterine life. As compared with appropriate-for-gestational-age newborns, IUGR infants appear to present alterations in cardiac morphology and subclinical myocardial dysfunction that may result in a unique pattern of cardiovascular adaptation. **See page 651**

Neurodevelopmental delay

Because the latest edition of the Bayley Scales of Infant Development yields higher scores than the previous version, there is uncertainty about how to classify moderate to severe neurodevelopmental delay. Johnson

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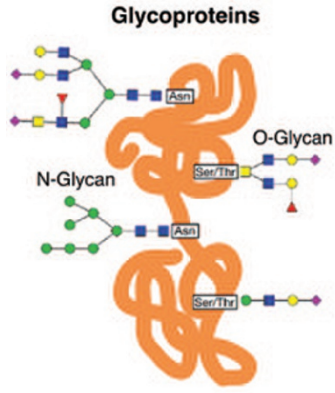
and colleagues administered the two editions to 185 extremely-preterm infants and assessed the differences in results. **See page 670**

Human milk glycobiology



The field of human milk glycobiology is progressing rapidly, with important implications for health. The Special Article by Newburg and Grave discusses gaps in our current understanding and identifies opportunities for further research.
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