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COVER: Proposed mechanism for nuclear growth hormone receptor action. Cell surface GHR induces STAT5 activation, and other pathways, by JAK2 and Src activation. In certain cellular conditions such as during the proliferative phase in liver regeneration and at defined cell cycle times in progenitor cells, the GHR escapes its normal degradative pathway and is translocated into the cytoplasm and to the nucleus by the Importin-a/b mediated classical import pathway. This process may involve its interaction with the NLS-containing protein CoAA, which mediates the interaction between GHR and nuclear import machinery. Once in the nucleus, the GHR can act as a transcriptional activator in conjunction with CoAA to initiate transcription of a subset of target genes to regulate cell cycle progression. From the article by Conway-Campbell *et al*., in this issue, pages 2190-2202.

The editors thank Dr. Ron Smith, Alcon Laboratories, Fort Worth, TX, for collaborating with the authors to create the figure on the cover.

The editors would also like to acknowledge the design for our page ender which appears at the end of each article. The symbol represents interaction between ligand, receptor, and DNA. It evolved from an original concept designed by Lois B. Thompson for MOLECULAR ENDOCRINOLOGY.