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Color-coded image of dopamine (D2) and serotonin (S2) receptors in brain. These receptors are revealed by the binding of [3H]spiroperidol to a thin horizontal slice of rat brain. An autoradiograph results from exposing the brain slice to tritium-sensitive film. Differing gray tones of the developed film are color-coded, whereby increasing amounts of [3H]spiroperidol binding are represented by black, blue, green, yellow, and red. [3H]Spiroperidol principally labels S2 receptors in the neocortex and D2 receptors in the striatum. See page 597. [Photograph prepared using the image analysis facility of the LASER Microbeam Program, University of California, Irvine. Image preparation and photography by J. N. Joyce]