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COVER Micrograph of immunolabeled taste buds from the circumvallate papilla of a rat tongue. Monoclonal antibodies have been used to isolate taste cells in order to study their properties and mechanisms of gustatory transduction. Taste cells respond to a bitter stimulus with a rise in intracellular calcium concentration that is derived from intracellular stores. See page 1047. [Photo by J. Dodd, College of Physicians and Surgeons of Columbia University, New York, NY 10032]

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