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A multicell spheroid human squamous cell carcinoma (top) which is used as an in vitro research model for intervascular microregions of larger, solid malignant tumors or for small tumors where vascularization may be just beginning (as shown at the bottom). Spheroid diameter is approximately 300 micromters. See page 177. [University of Rochester Cancer Center: Harvey Carapella, art director; Shari E. Harwell, layout; Chris Santarose, airbrush artist; scanning electron microscopy in collaboration with David P. Penney and Nadia Kutyreff; vascular study in collaboration with H. A. Eddy]