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COVER LEGEND

Balduin Lucké (1889–1954), was born in Germany and educated in Philadelphia. He was a member of the pathology department of the University of Pennsylvania Medical School from 1914 and became its chairman in 1932. Between 1934 and 1938 he reported the occurrence of renal adenocarcinoma in the leopard frog (Rana pipiens) and established the probability of its viral origin (J. Exptl. Med., 68: 457–468, 1938). The incidence, pathology, and tissue cultivation of the frog kidney carcinoma were intensively examined in Lucké's laboratory (Am. J. Cancer, 20: 352–379, 1934; Am. J. Cancer, 34: 15–30, 1938; J. Exptl. Med., 70: 269–276, 1939). Subsequently, the viral etiology of the neoplasm was studied further by means of ultrafiltrate transfers and electron microscopy (W. R. Duryee, J. Franklin Inst., 281: 377–379, 1956; D. W. Fawcett, J. Biophys. Biochem. Cytol., 2: 725–741, 1956). The photograph of the frog shows the Lucké renal carcinoma transplanted to the anterior chamber of the eye. We are indebted to Miss Shirley Hill Smith, Department of Pathology, University of Pennsylvania School of Medicine, for both illustrations.