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COVER LEGEND

Pierre Edouard Jean Clunet (1878–1917) was the first to demonstrate the production of cancer in rats by prolonged X-ray exposure (Recherches experimentales sur les tumeurs malignes. These pour le Doctorat en Medicine. Paris: G. Steinheil, 1910). Neoplastic effects were observed in radiologists and other users of X-ray devices within a few years after Roentgen announced his discovery in 1895. By 1902 such “radiation cancers” were mentioned in reports from Germany, England, and the United States (A. Frieben, Cancroïd des rechten Handrückens, Deut. Med. Wochschr., Vereins-Beilage, 55: 335, 1902; S. Lloyd, Epithelioma Engrafted on X-ray Burn, Med. Rec., 63: 554, 1903; Roentgen Rays in the Causation of Cancer, Med. Rec., 63: 106, 1903). By 1914 a total of 104 cases from European and American sources were described (S. Feygin, Du cancer radiologique. These pour le Doctorat en Medicine. Paris: J. Rousset, 1914).

An appreciation of Clunet appears in P. Mustacchi and M. B. Shimkin, Radiation Cancer and Jean Clunet, Cancer, 9: 1073–1074, 1956; this paper includes the photograph of Jean Clunet, located by Professor Charles Oberling. The illustration of the title page of Sophie Feygin’s thesis is from the original work at the New York Academy of Medicine Library.