fallout and the date of first pasturing. Therefore it would seem that the amount of fission products ingested by a milk-drinking, pregnant woman subsequent to 12 May would have been very small indeed.

There could have been little ingestion of fission products with leafy vegetables, for only asparagus was grown and marketed before June 1953 in this area. Asparagus was first harvested on 10 May, according to the records of a representative market gardener.

The cancer report files of this department reveal no increase in the incidence of cancer or leukemia over the past ten years in children of the Albany, Troy, and Schenectady areas—who were 15 years of age or younger in 1963—as compared with children of this age elsewhere in upstate New York.

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Fluorescence Microscopy: Use in Intracellular Microscopy

Bullock, in his paper on "Neuron doctrine and electrophysiology" [*Science* **129**, 997 (1959)], calls attention to the difficulty that intracellular microelectrodes must be placed blindly because a tiny glass tip is invisible in a medium of high refractive index. *Science* publishes numerous reports on intracellular microelectrode studies, and some of those working in this field might find it worth-while to try using fluorescence microscopy with electrodes of a fluorescent glass such as uranium glass or a rare earth glass. Since a fluorescent object is self-luminous, objects of any size and any refractive index can be seen if fluorescence emission is adequate. With preparations thin enough for substage illumination, cells can be made visible by combined phase and fluorescence microscopy [Price and Christenson, *Mikroskopie* **12**, 14 (1957)—(no reprints left)]. Thicker specimens can be observed with an incident light microscope, with cells made visible by a fluorescent dye such as acridine orange, which has been used for vital staining of nerve tissue by, among others, Zeiger and Harders [*Z. Zellforsch. Mikroskop. Anat.* **36**, 62 (1951)].

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