

# GENEALOGY DATABASE ENTRY

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Chaikoff, Israel Lyon

1902 - 1966

DEGREE: PhD

DATE: 1928

PLACE: Toronto

TEACHER/RESEARCH ADVISOR: MacLeod

pioneer of  $^{131}\text{I}$ ,  $^{32}\text{P}$ , and  $^{14}\text{C}$  isotopes for biochemical studies of the pancreas, thyroid, and liver; synthesized thyroxines; studied phospholipid metabolism, arteriosclerosis, cholesterol synthesis (including the role of squalene as a precursor), lipogenesis, the role of insulin in metabolism, fatty acid oxidation, carbohydrate metabolism, the action of estrogens, anterior pituitary hormones, and adrenal steroids.

FOOTNOTE: Chaikoff also received an MD degree from Toronto in 1930.

1. *Nature* **1966**, 209, 963-964.
2. *Persp. Biol. Med.* **1987**, 30, 362-383.
3. *New York Times* **27Jan1966**, p33.