

GENEALOGY DATABASE ENTRY

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MacLeod, John James Rickard

1876 - 1935

DEGREE: ChB

DATE: 1898

PLACE: Aberdeen

TEACHER/RESEARCH ADVISOR: Siegfried

Nobel Prize 1923; co-discoverer of insulin; investigated carbohydrate metabolism and drug- and surgically-induced diabetes; investigated glycogenesis, glycogenolysis, and the physiological chemistry of insulin; studied respiration, biochemistry of carbamates, phosphorus compounds in muscle, and sugar absorption by the intestines.

FOOTNOTE: After obtaining his ChB degree, MacLeod traveled to Leipzig to study biochemistry for one year under Siegfried, then was demonstrator in physiology under L. E. Hill at the London Hospital Medical College from 1900 to 1901. MacLeod received a Diploma of Public Health in 1902 at Cambridge.

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