

# GENEALOGY DATABASE ENTRY

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Kharasch, Morris Selig

1895 - 1957

DEGREE: PhD

DATE: 1919

PLACE: Chicago

TEACHER/RESEARCH ADVISOR: Piccard

recognized that radical intermediates were the key to the formation of anti-Markownikoff products while studying the reaction of HBr with allyl bromide; defined the "peroxide effect" and explained it in terms of the action of free radicals; developed radical chemistry as a synthetic method, esp. for sulfonation and chlorination; pioneered the use of organomercurials in agriculture (as seed disinfectants) and medicine (Merthiolate); isolated ergonovine from ergot and showed it to be its active principle; studied the addition of chlorinated hydrocarbons to olefins and aldehydes; wrote an authoritative treatise on the Grignard reaction; one of the founders of the *Journal of Organic Chemistry*.

1. Research advisor confirmed by comparison of publications and thesis.
2. *Biog. Mem. Nat. Acad. Sci.* **1960**, 34, 123-152.
3. *American Chemists and Chemical Engineers*; Miles, W. D., Ed.; American Chemical Society: 1976; p271-272.
4. *Chem. Eng. News* **1949**, 27(6), 343.
5. *Chemistry* **1965**, 38(June), 19-20.