

GENEALOGY DATABASE ENTRY

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Wallach, Otto

1847 - 1931

DEGREE: PhD

DATE: 1869

PLACE: Göttingen

TEACHER/RESEARCH ADVISOR: Hübner

Nobel Prize in 1910 for his work in the area of alicyclic compounds and in particular, terpenes; investigated position isomerism in the toluene series; named the class of compounds called terpenes after he isolated and characterized many of them from natural products; suggested that terpenes were composed of five carbon fragments called isoprene units; showed that in many cases it was possible to rearrange one terpene into another by the action of strong acids and high temperature; discovered the formation of iminochlorides by the action of PCl_5 on the acid amides.

1. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; p373-404.
2. *J. Chem. Soc.* **1932**, 1582-1597.
3. *Nature* **1931**, 127, 601-602.
4. *Z. Angew. Chem.* **1931**, 44, 929-932.
5. *J. Chem. Ed.* **1947**, 24, 106-108.
7. *Nobel Laureates in Chemistry 1901-1992*; James, L. K., Ed.; American Chemical Society: 1993; p69-74.