

# GENEALOGY DATABASE ENTRY

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Drechsel, Heinrich Ferdinand Edmund

1843 - 1897

DEGREE: PhD

DATE: 1864

PLACE: Leipzig

TEACHER/RESEARCH ADVISOR: Kolbe

discovered lysine and discovered first amino acids with two amino groups; first to employ alternating current electrolysis in organic synthesis; showed through model studies that proteins are the ultimate chemical source of excreted urea; invented the Drechsel gas wash bottle; studied chemistry of cyanamide, platinum bases, and glycoposphoric acids.

FOOTNOTE: After obtaining his PhD under Kolbe, Drechsel worked in industry for several years before joining Ludwig's Physiological Institute in 1872. Drechsel's research from that point related to chemical problems of a physiological nature.

1. *Neue Deutsche Biographie*; Duncker & Humblot: 1953-1990; vol. 4, p104-105.
2. *Nature* **1897**, 56, 594.
3. Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p527.
4. *Chem. Ber.* **1897**, 30, 2168-2173.