

# GENEALOGY DATABASE ENTRY

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Hofmann, August Wilhelm von

1818 - 1892

DEGREE: PhD

DATE: 1841

PLACE: Giessen

TEACHER/RESEARCH ADVISOR: Liebig

investigated chemistry of coal tar and chemical dyes; converted phenol into aniline by action of ammonia and showed that successive chlorination of aniline weakened its basicity; synthesized amines from alkyl iodides and ammonia; discovered quaternary ammonium salts, ethylene diamine, and diethylenetriamine; discovered the first unsaturated alcohol, allyl alcohol; co-discovered isonitriles by action of alkalinated chloroform on primary amines; discovered formaldehyde; synthesized the dyes rosaniline and aniline blue; suggested the word "valence".

1. Asimov, I. *Asimov's Biographical Encyclopedia of Science and Technology (2nd Ed.)*; Doubleday: 1982; p394.
2. *Great Chemists*; Farber, E., Ed.; Interscience: 1961; p625-640.
3. Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p432-437.
4. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p262.
5. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 6, p461-464.
6. *J. Chem. Soc. Trans.* **1896**, 69, 575-732.
7. *Chem. Ber.* **1892**, 25, 3369-3398.
8. *Pharm. Rundschau* **1892**, 10, 125-128.
9. *Mem. Lect. Chem. Soc.* **1893-1900**, 1, 575-732.
10. *Neue Deutsche Biographie*; Duncker & Humblot: 1953-1990; vol. 9, p446-450.
11. *Das Buch der Grossen Chemiker*; Bugge, G., Ed.; Verlag Chemie: 1930; vol. 2, p136-153.