

GENEALOGY DATABASE ENTRY

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Schmidt, Carl

1822 - 1894

DEGREE: PhD

DATE: 1844

PLACE: Giessen

TEACHER/RESEARCH ADVISOR: Liebig

determined crystal habits of many important biochemicals such as uric acid, oxalic acid and its salts, lactic acid, cholesterol, stearin, etc.; analyzed muscle fiber and chitin; showed that animal and plant cell constituents are chemically similar; studied reactions of calcium albuminates; studied alcoholic fermentation and chemistry of metabolism and digestion; discovered HCl in gastric juice and its chemical interaction with pepsin; studied bile and pancreatic juices; studied chemical changes in blood associated with cholera, dysentery, diabetes, and arsenic poisoning.

1. See Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p306 and p595.
2. See *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 2, p124a.
3. *Chem. Ber.* **1894**, 27, 963-978.