

# GENEALOGY DATABASE ENTRY

©Vera V. Mainz and Gregory S. Girolami 1998

Boerhaave, Hermann

1668 - 1738

DEGREE: MD

DATE: 1693

PLACE: Harderwijk

TEACHER/RESEARCH ADVISOR: Volder

founder of clinical teaching; established that smallpox is spread by contact; outstanding teacher and writer; introduced exact quantitative methods into chemistry by measuring temperature and using the best available balances; considered the founder of physical chemistry; first to obtain urea and discovered its diuretic properties; demonstrated that water is a product of the combustion of alcohol; provided evidence against the transmutation of metals; proved experimentally that heat is weightless and carried out first calorimetric studies; classified and studied solubilities of salts.

1. Partington, J. R. *A History of Chemistry*; Macmillan: 1961; vol. 2, p740-759.
2. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 2, p224-228.
3. Asimov, I. *Asimov's Biographical Encyclopedia of Science and Technology (2nd Ed.)*; Doubleday: 1982; p164-165.
4. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p64.
5. *Great Chemists*; Farber, E., Ed.; Interscience: 1961; p163-176.
6. *J. Chem. Ed.* **1942**, *19*, 103-108.
7. *Ambix* **1958**, *6*, 117-135.
8. *Janus* **1918**, *23*, 193-369.
9. Figuiet, L. *Vies des Savants Illustres*; Hachette & Co.: 1879; vol. 3, p248-263.
10. Lindeboom, G. A. *Herman Boerhaave, The Man and His Work*; Methuen: 1968.
11. *Das Buch der Grossen Chemiker*; Bugge, G., Ed.; Verlag Chemie: 1929; vol. 1, p204-220.
12. *Analecta Boerhaaviana*; Lindeboom, G. A., Ed.; E. J. Brill: 1970; vol. 6, p1-16; and 1974; vol. 7, p1-13.
13. Sigerist, H. E. *The Great Doctors*; Paul, E.; Paul, C., transl.; W. W. Norton & Co.: 1933; p184-190.
14. *Dictionnaire des Sciences Medicales Biographie Medicale*; C. L. F. Panoucke: 1820-1822; vol. 2, p323-335.
15. *Dictionnaire Historique de la Médecine*; Bechet Jeune: 1828-1839; vol. 1, p425-435.
16. Johnson, S. *The Works of Samuel Johnson, LL.D.*; W. Pickering: 1825; vol. 6, p270-292.