

# GENEALOGY DATABASE ENTRY

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Cullen, William

1710 - 1790

DEGREE: MD

DATE: 1740

PLACE: Glasgow

TEACHER/RESEARCH ADVISOR: Plummer

held first independent lectureship in chemistry in the British Isles and first at Glasgow to teach in English rather than Latin; discovered the phenomenon of the cold produced by evaporating fluids; first to give symbolic precision to the affinity tables then in vogue; studied various medical phenomena, esp. classification of diseases; suggested analysis of soils for nitrate content to determine soil fertility.

FOOTNOTE: Cullen studied medicine at Edinburgh where the anatomist Alexander Monro (senior) was head, and attended the chemistry lectures of Plummer from 1734-36; these lectures probably turned Cullen's interest to chemistry.

1. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 3, p494-495.
2. Partington, J. R. *A History of Chemistry*; Macmillan: 1962; vol. 3, p128-129.
3. *Biog. Dict. Eminent Scotsmen* **1855**, 2, 18-37.
4. *Dictionary of National Biography*; Smith, Elder & Co.: 1908-1986; vol. 5, p279-282.
5. *Chemist and Druggist* **1951**, 156, 287-289.
6. *J. Chem. Ed.* **1935**, 12, 503-511.
7. *Annals Science* **1955**, 11, 154-157 and **1956**, 12, 192-205.
8. *Edinburgh Review* **1832**, 55, 471-479.
9. *Account of the Life, Lectures and Writings of William Cullen, MD*; Thomson, J., Ed.; W. Blackwood: 1827.
10. *An Eighteenth Century Lectureship in Chemistry*; Kent, A., Ed.; Jackson, Son & Co.: 1950; p49-65.
11. Thomson, T. *History of Chemistry*; H. Colburn & R. Bentley: 1830-1831; vol. 1, p303-313.
12. *Dictionnaire des Sciences Medicales Biographie Medicale*; C. L. F. Panoucke: 1820-1822; vol. 3, p362-365.
13. *Dictionnaire Historique de la Médecine*; Bechet Jeune: 1828-1839; vol. 1, p893-898.