

French

American

German

**Guillaume Rouelle (1725)**  
Modern definition of salts

**Pierre de Maquer (1742)**

**Jean Baptiste Bucquet (1770)**

**Claude Berthollet (1778)**

**Charles de la Rive (1797)**

**James Woodhouse (1790)**

**Benjamin Silliman (1799)**  
Co-founded AAAS  
Founded 1<sup>st</sup> US science journal

**Joseph Gay-Lussac (1800)**  
Gay-Lussac's Law

**Christoph Mangold (1751)**

**Ernst Baldinger (1760)**

**Johann Wiegleb (~1765)**

**Johann Göttling (1775)**

**Karl Kastner (1805)**

**Augustine LeRoyer**

**Justus von Liebig (1822)**  
Discovered structural isomers  
1<sup>st</sup> artificial fertilizers  
Combustion analysis

**Jean Baptiste Dumas (~1823)**  
Early measurement of atomic weights  
Method for nitrogen analysis  
Concept of homologous series

**Henri Victor Regnault (1837)**  
1<sup>st</sup> accurate determination of absolute zero

**Josiah P. Cooke (1848)**

Established Harvard Chem. Dept. & 1<sup>st</sup> lab instruction in a US university

**Theodore W. Richards (1888)**

Nobel prize for atomic weight determinations; Confirmed the theory of isotopes

**George S. Forbes (1905)**

**Phillip A. Leighton (1927)**

**Walter J. Blaedel (1942)**

**Howard V. Malmstadt (1950)**

Father of electronic & computerized instrumentation in chemistry

**Gary M. Hieftje (1969)**

**Michael R. Webb (2007)**

**Webb Group Members**