Christopher J. Moody – Chemical genealogy

Christophe GLASER 1615-1678 MD, Basel, *ca*. 1640

Nicolas LÉMERY 1645-1715 Apoth, Paris, *ca*. 1667



Guillaume ROUELLE 1703-1770 Apoth, Paris, 1725

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Jean B BUCQUET 1746-1780 MD, Paris, 1770

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Antoine de FOURCROY 1755-1809 MD, Paris, 1780

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Described preparation of $AsCl_3$ and K_2SO_4 (glaserite)

First to distinguish between vegetable and mineral chemistry; produced H₂SO₄



Father of French school of chemistry; first to distinguish acid and basic salts; proposed theory of distillation



Collaborated with Lavoisier; showed CO₂ was acidic; analysed opium; discovered morphine; studied NH₄CI



Advocate of Lavoisier; co-discovered Ir; studied chemistry of urea and chlorine; co-founder of modern nomenclature Louis N VAUQUELIN 1763-1829 MA, Paris, 1790

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Friedrich STROMEYER 1776-1835 MD, Göttingen, 1800

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Leopold GMELIN 1788-1853 PhD, Göttingen, 1812

Friedrich WÖHLER 1800-1882 MD, Heidelberg, 1823

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Heinrich LIMPRICHT 1827-1909 PhD, Göttingen, 1850

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Discovered Cr, and first amino acid (asparagine) from asparagus; isolated camphoric and quinic acids from natural sources.



Discovered Cd; started first German University chemistry teaching lab; first to use starch as reagent for iodine. Robert Bunsen was also his student.



First to recognise importance of C in organic compounds; coined words ester and ketone; discovered ferricyanide and taurine; advocated H-1 standard for atomic weights



Medical student at Heidelberg where Gmelin was Professor of Chemistry. Discovered AI, Be and hydroquinones; famous 1828 synthesis of urea from ammonium cyanate.



Discovered furan; investigated chemistry of furan, pyrrole, thiophene, uric acid, chloro- aromatics, alanine; synthesis of anthracene and diphenylacetylene. Hans von PECHMANN 1850-1902 PhD, Griefswald, 1875

William H MILLS 1873-1959 ScD, Tübingen, 1901

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Bernard C SAUNDERS 1903-1984 PhD, Cambridge, 1931

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Norman B CHAPMAN 1916-PhD, Cambridge, 1941

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Charles W REES 1927-2006 PhD, London, 1953 (Southampton)

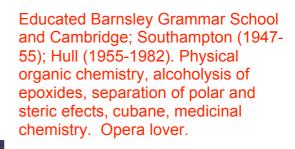
Christopher J MOODY PhD, Liverpool, 1976



Discovered diazomethane and the coumarin and pyrazole syntheses named after him; first preparation of 1,2-diketones.

Stereochemistry, isomerism in oximes; spirocycles; restricted rotation in biphenyls; cyanine dyes (as consequence of WW1).

Educated Manchester Grammar School and Cambridge; co-author of *Practical Organic Chemistry* (Mann & Saunders); worked on alkyl phosphorofluoridates during WW2; oxidation reactions catalysed by peroxidase. After retirement, qualified in medicine.



Educated Farnham Grammar School, University College Southampton, ANU. Birkbeck (1955-57), King's College (1957-65), Leicester (1965-69), Liverpool (1969- 78), Hofmann Professor Imperial College (1978-93), Emeritus Professor. FRS (1974), CBE (1995).