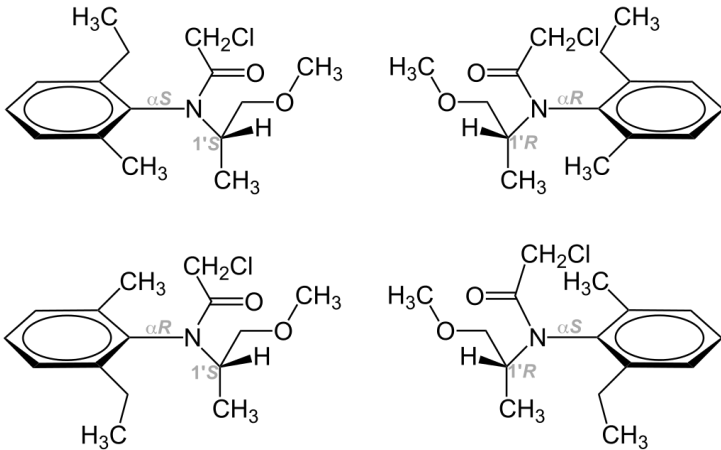


Surrey u3a Network Study Day

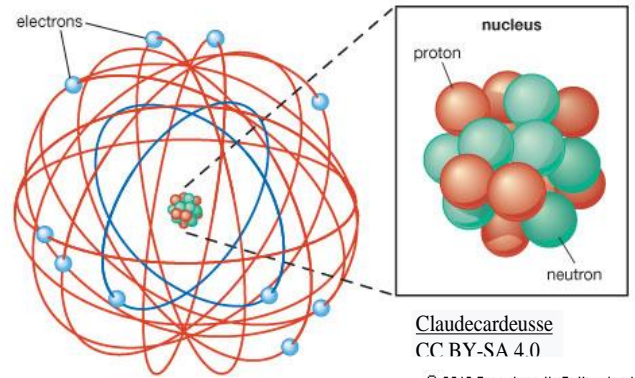
CHEMISTRY, COSMETICS & KILLERS

Dr Kathryn Harkup



Metolachlor four stereoisomers

Ju, own work, CC0



Claudecardeuse
CC BY-SA 4.0

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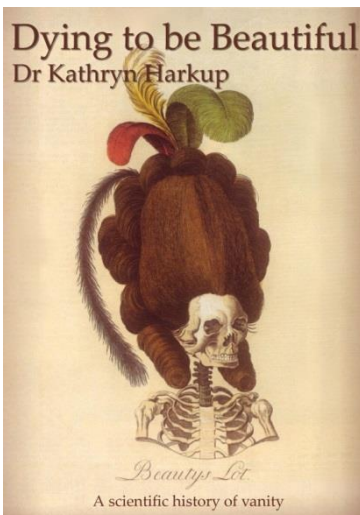
An atom, probably Ne^{20}
the most abundant isotope



Maria, Countess of
Coventry, powdered
her skin with
arsenic,
got lead poisoning
and died at 27.

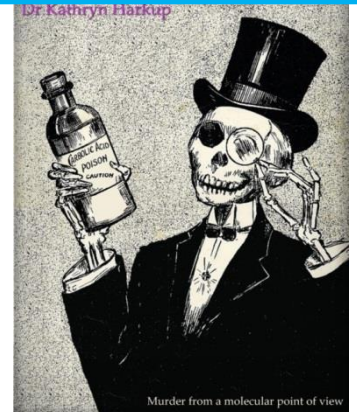
After Jean-Étienne Liotard/
Wikimedia Commons

Food	Poison, usually in seeds or skin
almonds	amygdalin → cyanide
apples	amygdalin → cyanide
beans	lectins
cassava (tapioca)	cyanide
cherry stones	cyanide
nutmeg	myristicin
parsnips	furocoumarin
peaches	amygdalin → cyanide
potatoes	glycoalkaloids



Fly agaric

Menuhin Hall



Unattributed pictures were
supplied by the speakers

Friday 20th May 2022