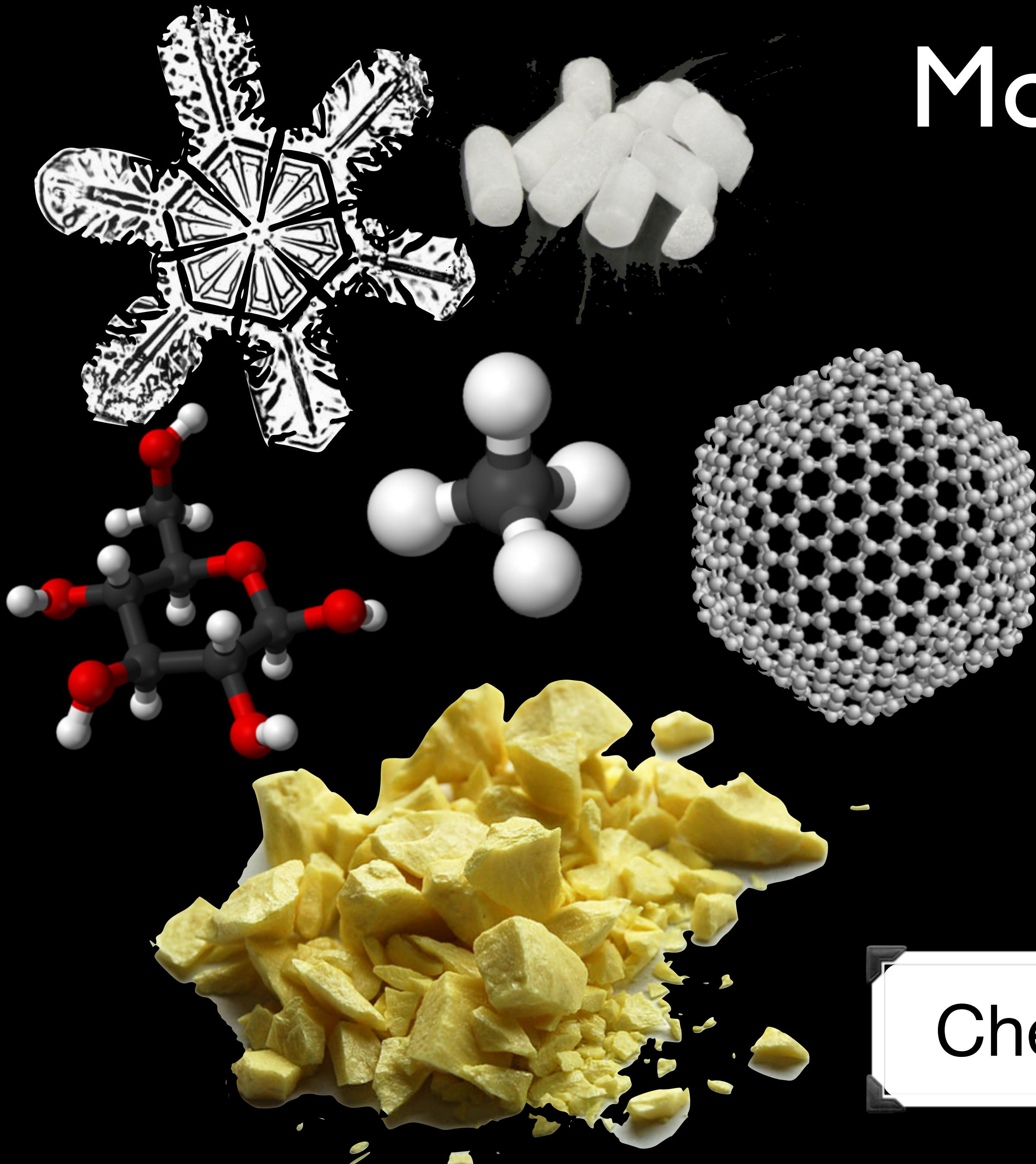
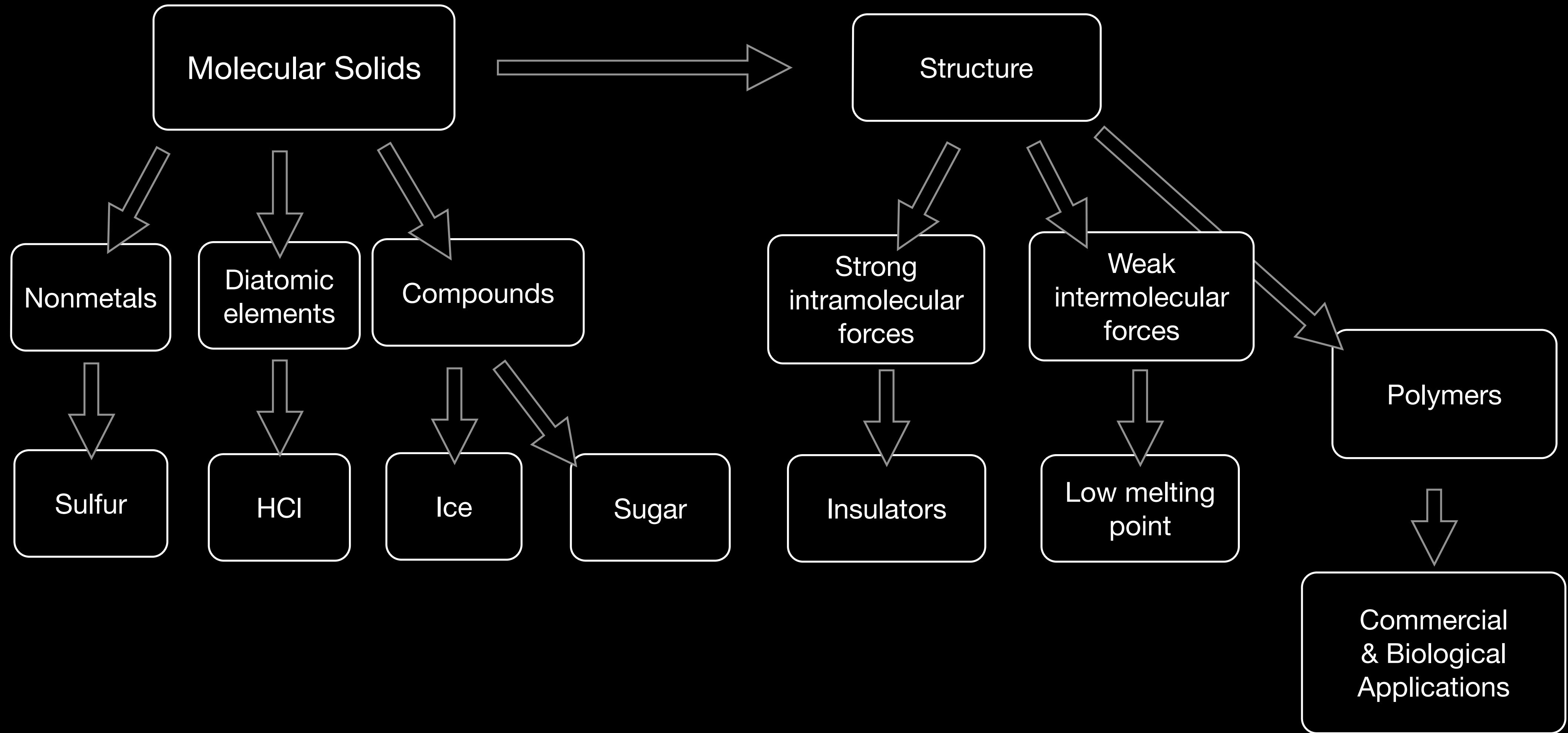


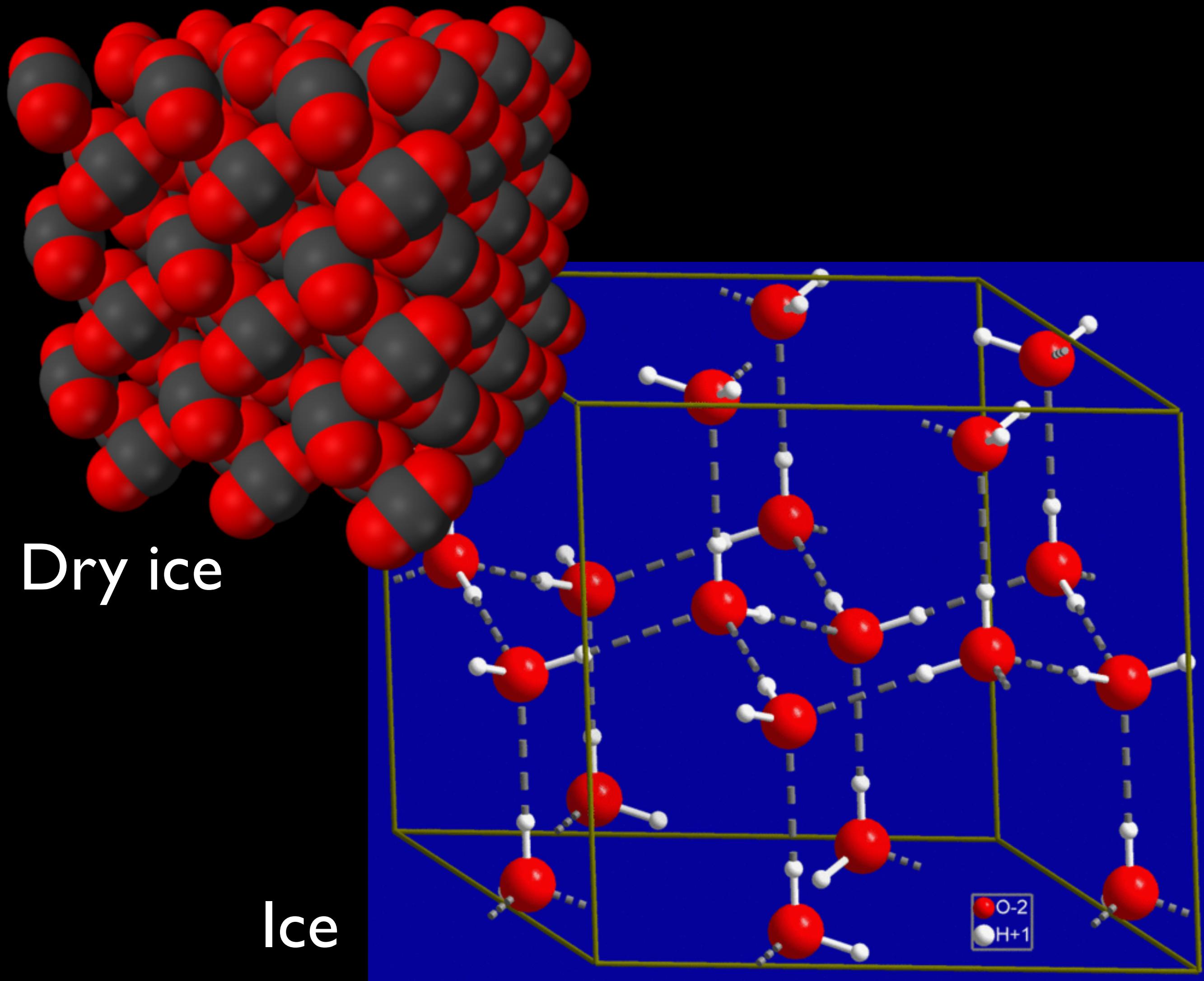
Molecular Solids



Chemistry Essentials - 026



Molecular Solid

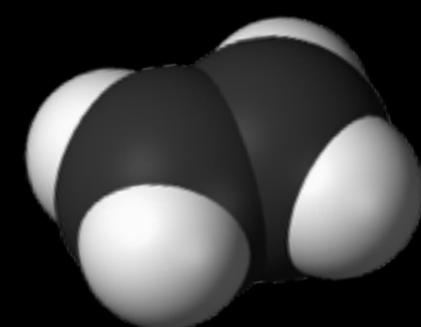
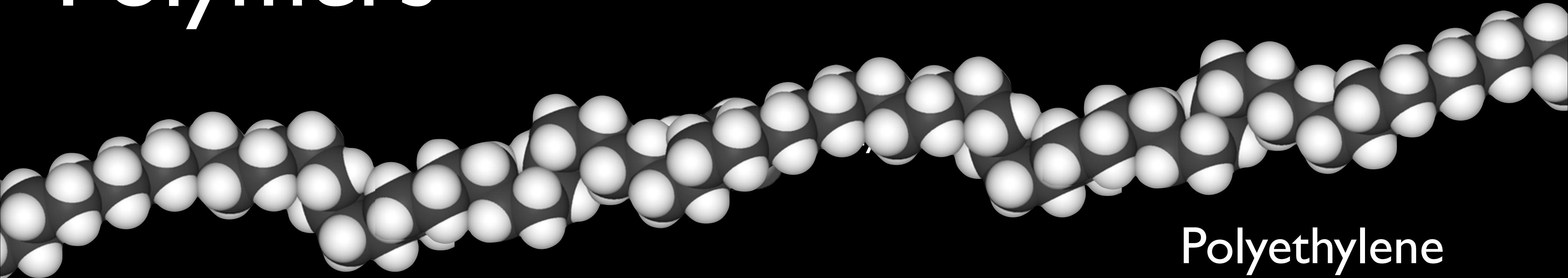


Insulators

Intramolecular
Intermolecular

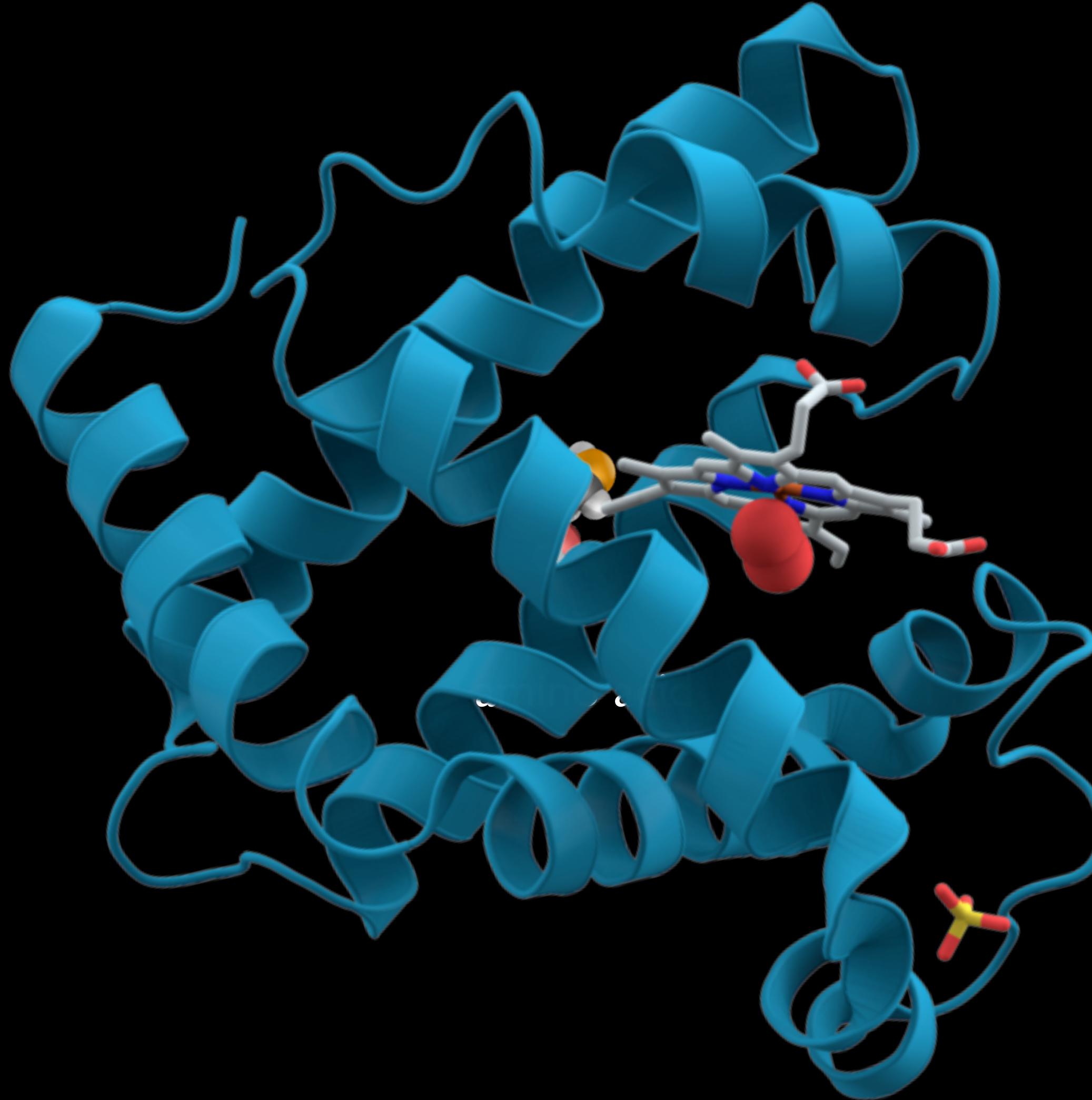
Low melting point

Polymers

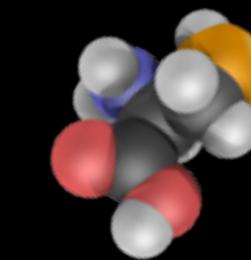


ethylene

Polymers

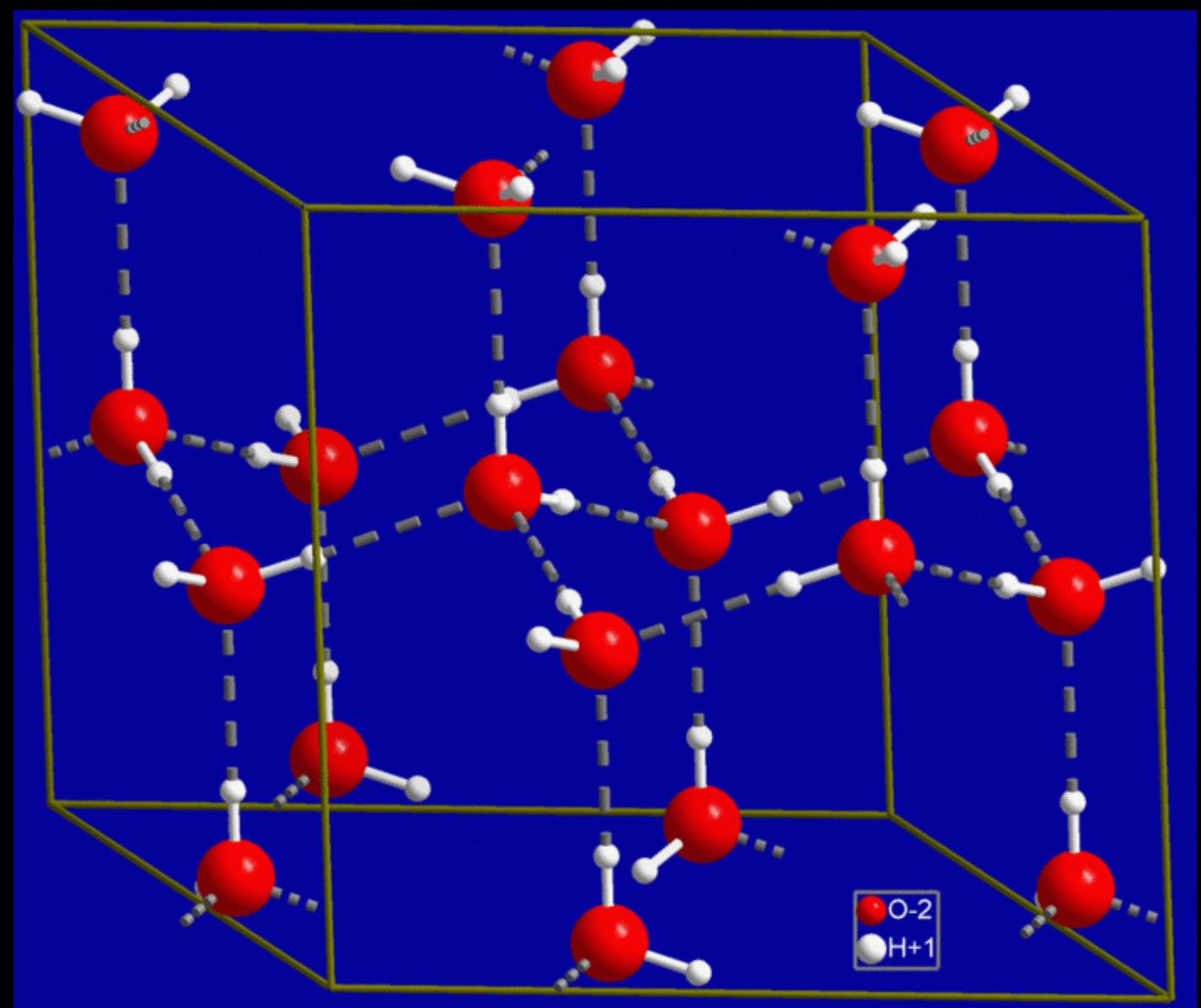


Protein



amino acid

Did you learn?



To create an molecular solid representation.

Did you learn?

Insulators

Intramolecular
Intermolecular

Low melting point

To relate the characteristics on a molecular solid to the interactions at the atomic level.

Acknowledgements

“File:Bentley Snowflake14.jpg,” August 19, 2013. http://en.wikipedia.org/wiki/File:Bentley_Snowflake14.jpg.
“File:Carbon-Dioxide-Crystal-3D-vdW.png,” August 19, 2013. <http://en.wikipedia.org/wiki/File:Carbon-dioxide-crystal-3D-vdW.png>.
“File:Dry Ice Pellets Subliming.jpg,” August 19, 2013. http://en.wikipedia.org/wiki/File:Dry_Ice_Pellets_Subliming.jpg.
“File:Ethylene-3D-vdW.png,” August 19, 2013. <http://en.wikipedia.org/wiki/File:Ethylene-3D-vdW.png>.
“File:Fullerene c540.png,” August 19, 2013. http://en.wikipedia.org/wiki/File:Fullerene_c540.png.
“File:Hex ice.GIF,” August 19, 2013. http://en.wikipedia.org/wiki/File:Hex_ice.GIF.
“File:Methane-3D-Balls.png,” August 19, 2013. <http://en.wikipedia.org/wiki/File:Methane-3D-balls.png>.
“File:Myoglobin.png,” August 19, 2013. <http://en.wikipedia.org/wiki/File:Myoglobin.png>.
“File:Plastic Household Items.jpg,” August 19, 2013. http://en.wikipedia.org/wiki/File:Plastic_household_items.jpg.
“File:Plastic Household Items.jpg,” August 19, 2013. http://en.wikipedia.org/wiki/File:Plastic_household_items.jpg.
“File:Polyethylene-3D-vdW.png,” August 19, 2013. <http://en.wikipedia.org/wiki/File:Polyethylene-3D-vdW.png>.
“File:Selenocysteine Skeletal 3D.svg,” August 19, 2013. http://en.wikipedia.org/wiki/File:Selenocysteine_skeletal_3D.svg.
“File:Sulfur-Sample.jpg,” August 19, 2013. <http://en.wikipedia.org/wiki/File:Sulfur-sample.jpg>.
Mills, Ben. *Ball-and-Stick Model of the B-D-Glucose Molecule, C6H12O6, as Found in the Crystal Structure.*, May 21, 2009. Own work. <http://commons.wikimedia.org/wiki/File:Beta-D-glucose-from-xtal-3D-balls.png>.



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