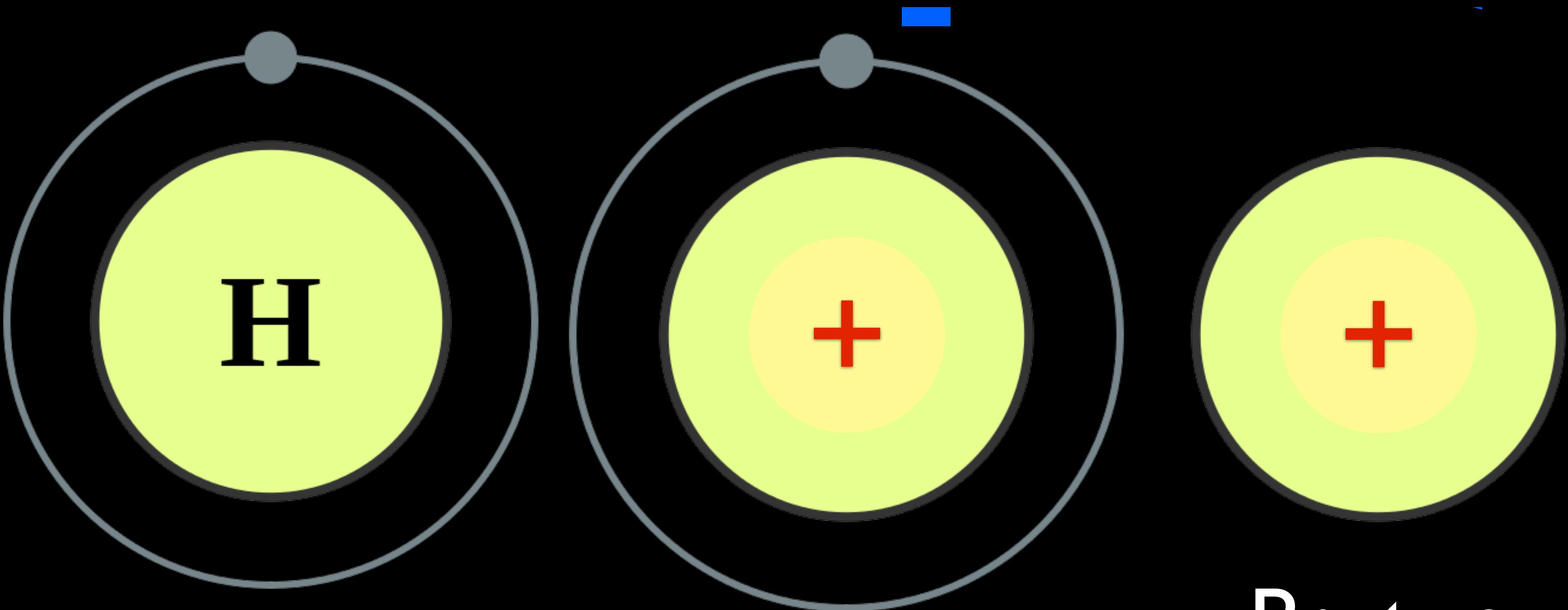
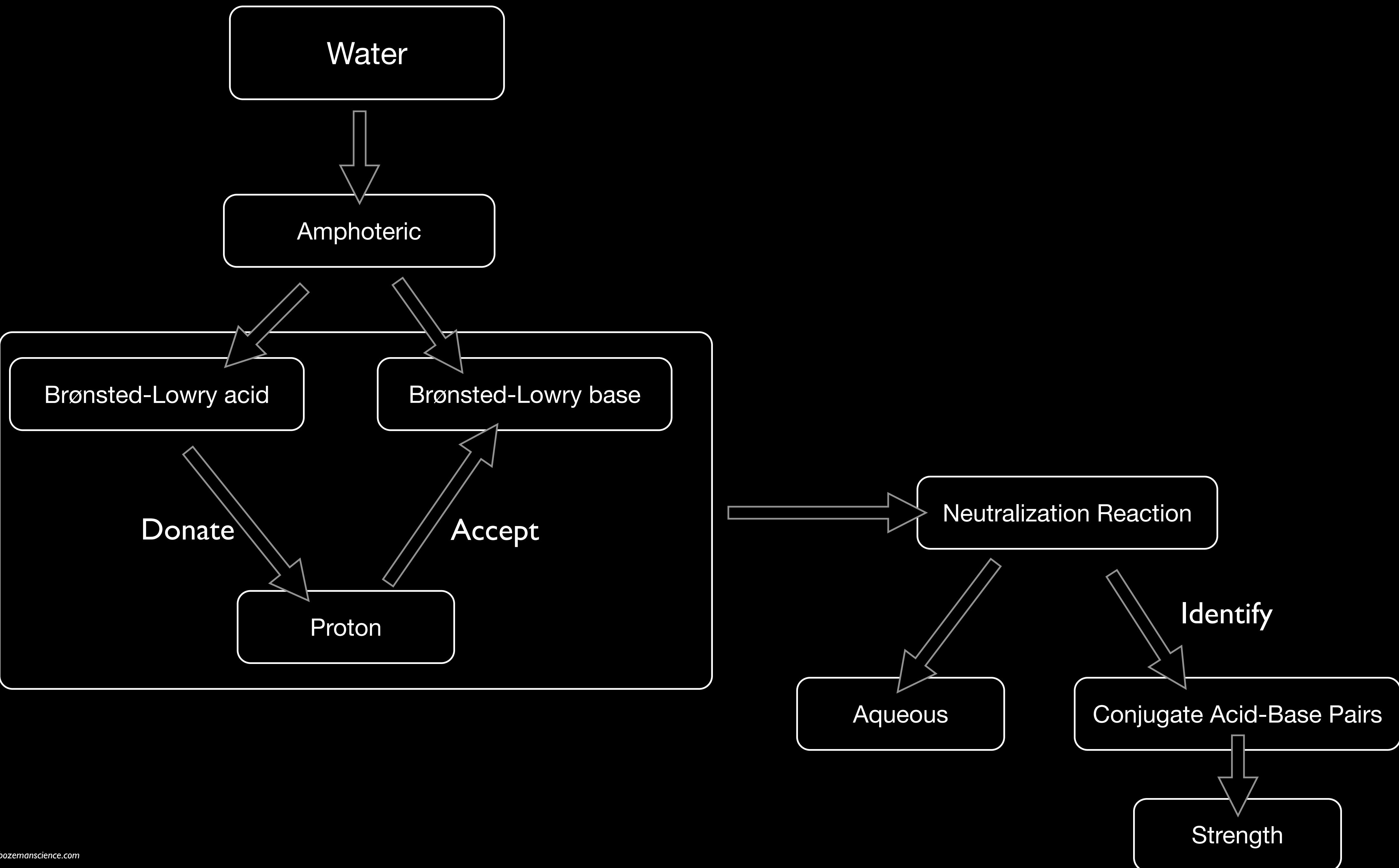


Neutralization Reactions

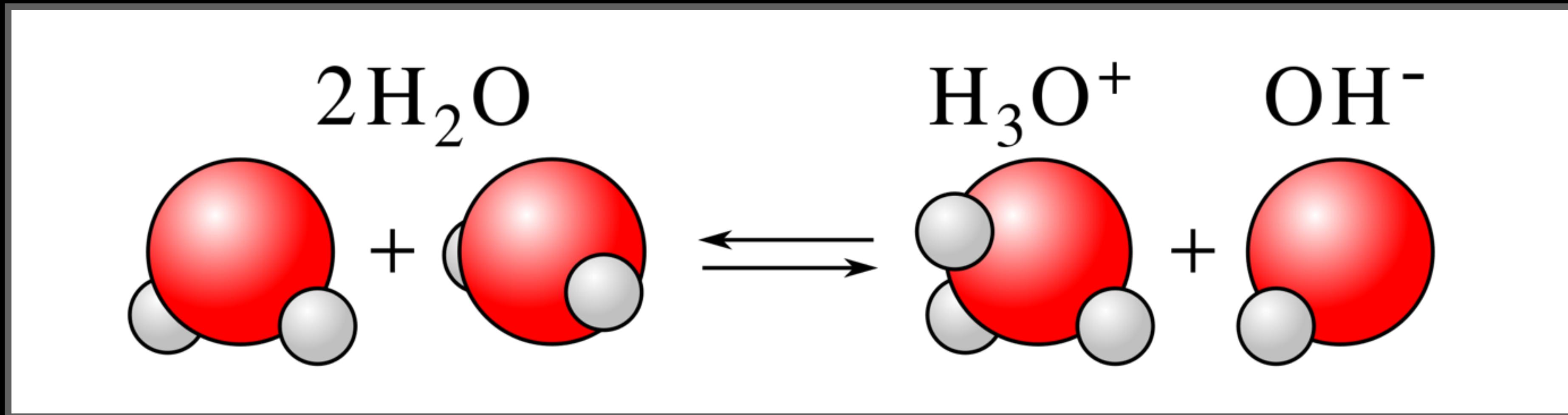
Chemistry Essentials - 030



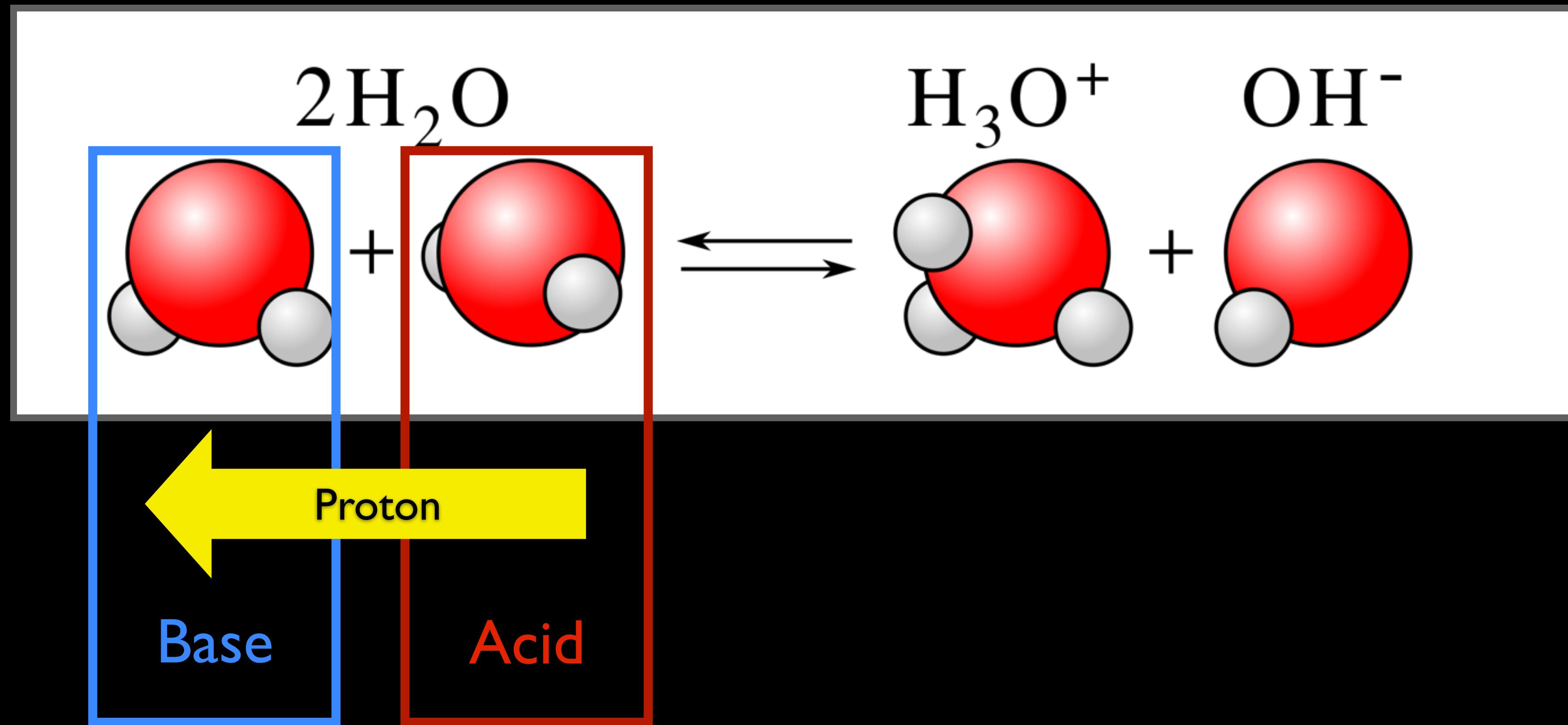
Proton

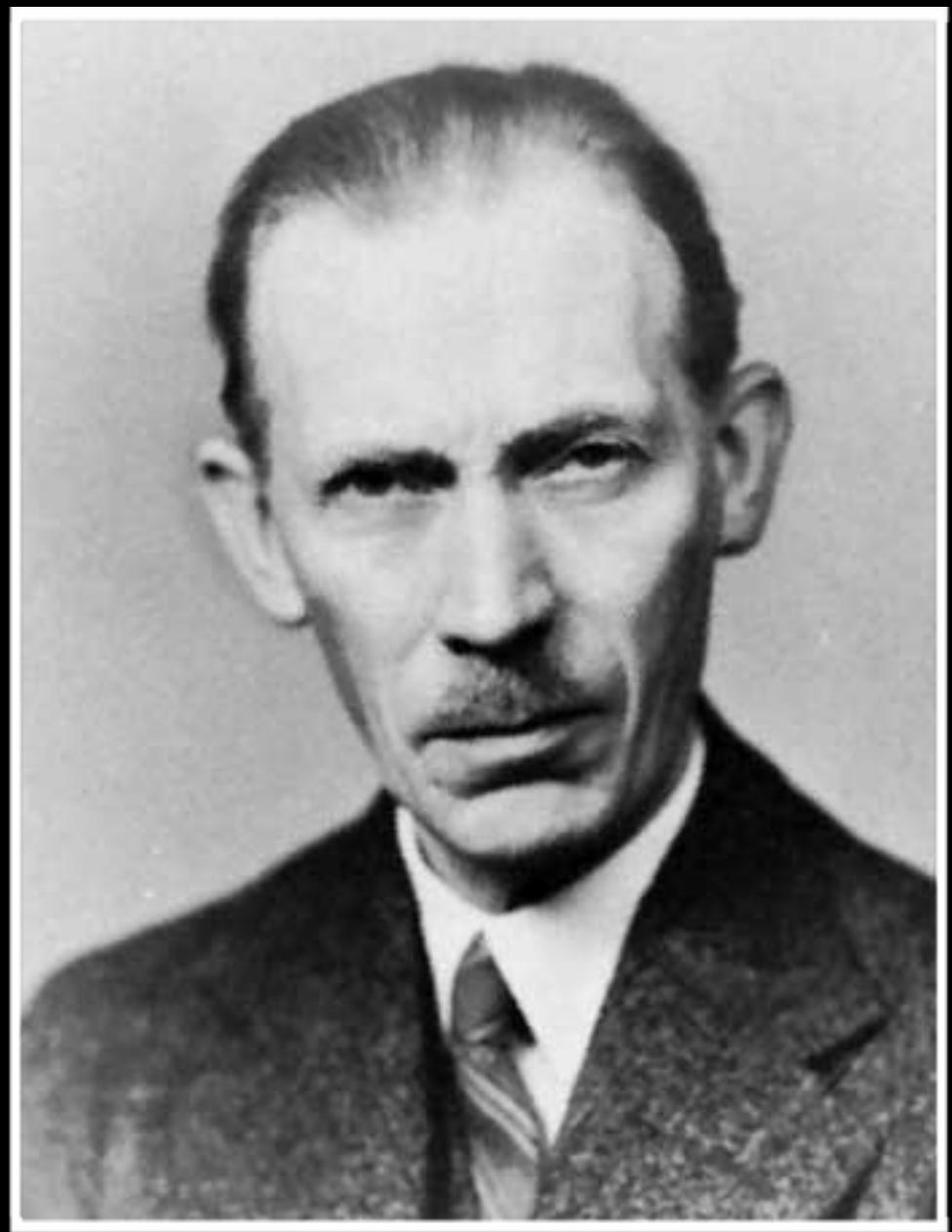


Water

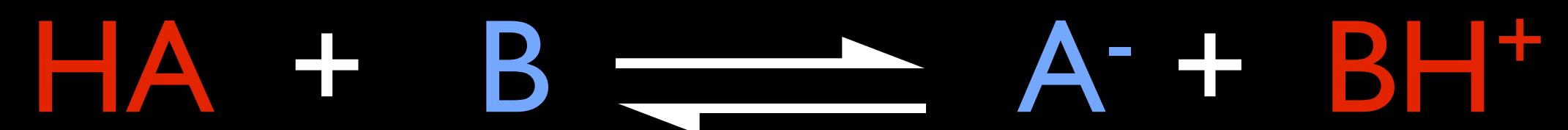


Water

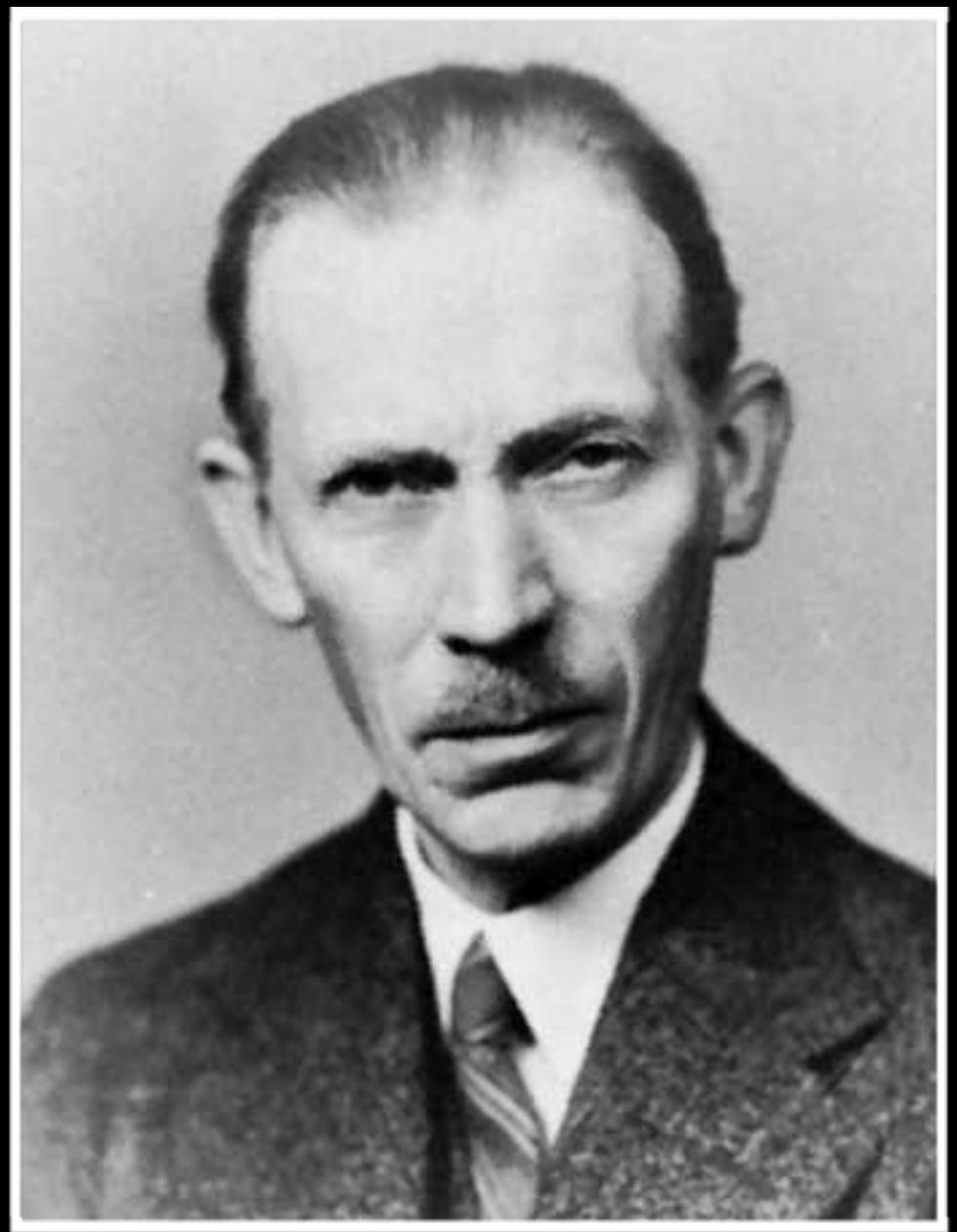




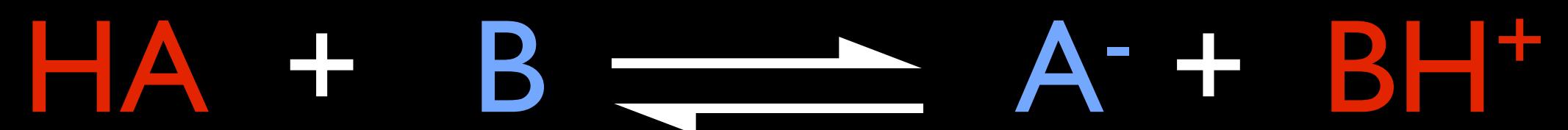
Brønsted–Lowry Theory



acid + base \rightleftharpoons conjugate base + conjugate acid



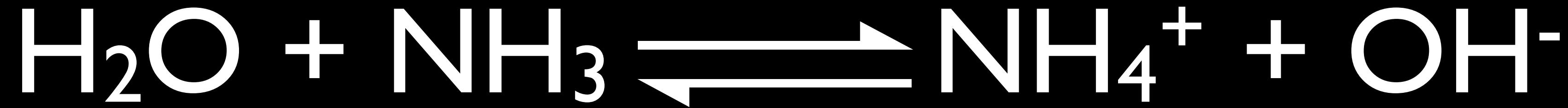
Brønsted–Lowry Theory



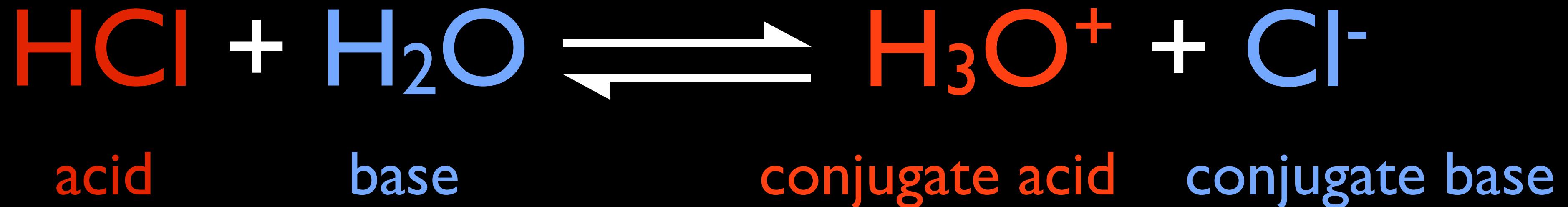
acid + base \rightleftharpoons conjugate base + conjugate acid



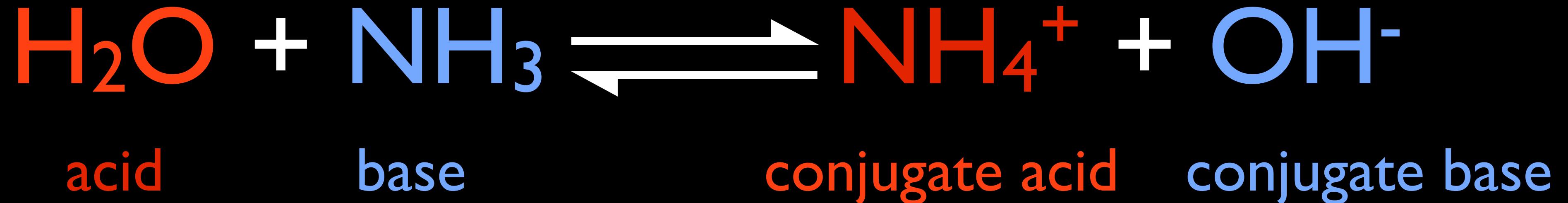
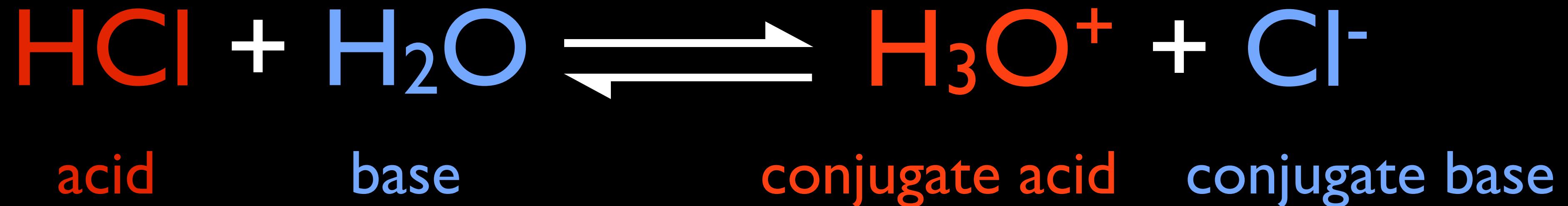
Water is amphoteric

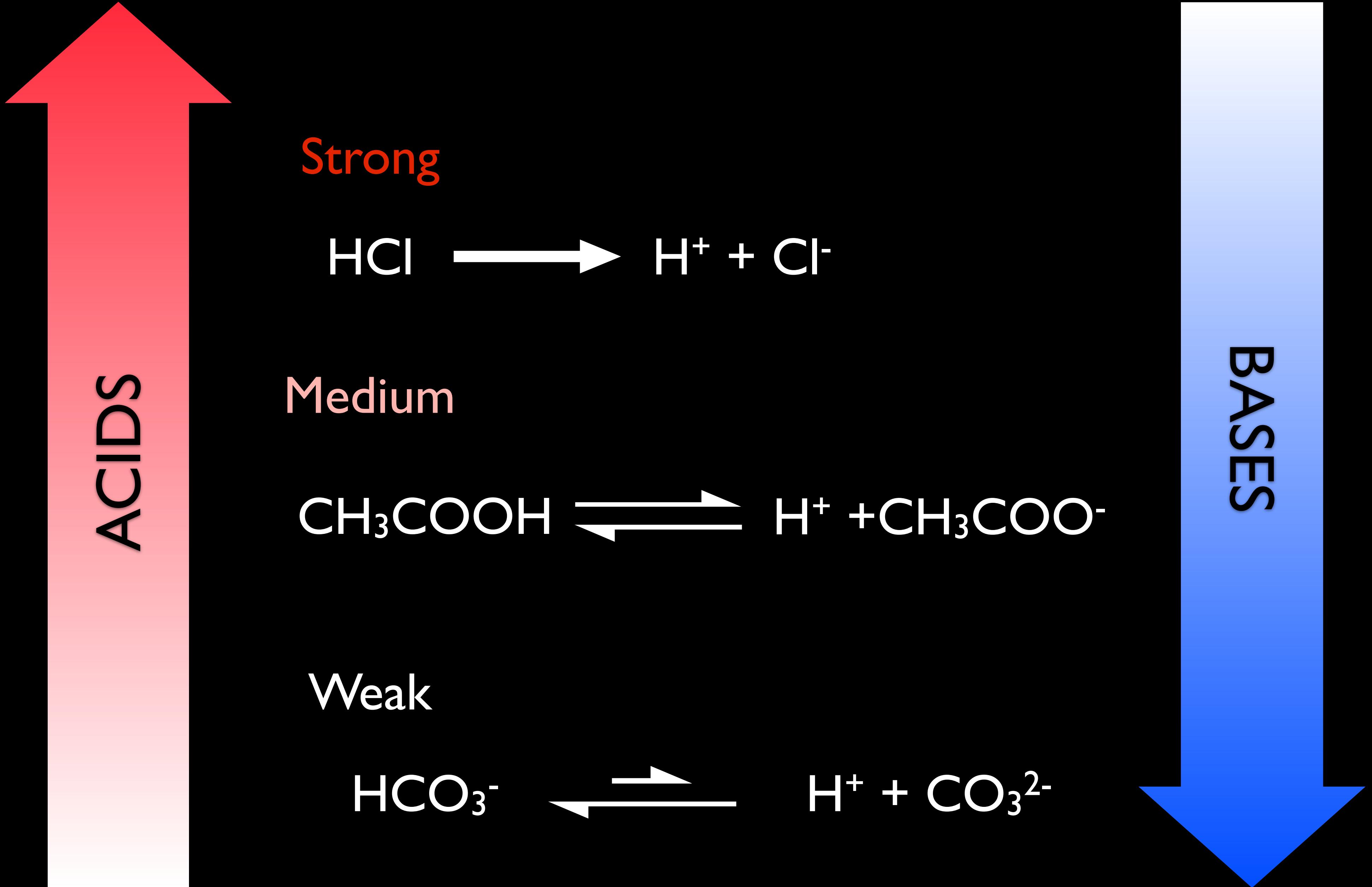


Water is amphoteric



Water is amphoteric





Did you learn?



To identify Brønsted-Lowry acids,
bases, and/or conjugate acid-base pairs,
using proton-transfer reactions

Acknowledgements

“File:Autoprotolyse Eau.svg,” August 27, 2013. http://en.wikipedia.org/wiki/File:Autoprotolyse_eau.svg.

“File:Electron Shell 001 Hydrogen (diatomic Nonmetal) - No Label.svg,” August 27, 2013. [http://en.wikipedia.org/wiki/File:Electron_shell_001_Hydrogen_\(diatomic_nonmetal\)_-_no_label.svg](http://en.wikipedia.org/wiki/File:Electron_shell_001_Hydrogen_(diatomic_nonmetal)_-_no_label.svg).

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