

Humberto MATURANA

Humberto Maturana is a Chilean biologist. Many consider him a member of a group of [second-order cybernetics](#) theoreticians such as [Heinz von Foerster](#), [Gordon Pask](#), [Herbert Brün](#) and [Ernst von Glasersfeld](#). He is a professor of neuroscience at the University of Chile.

Maturana's research interest concerns concepts like cognition, autopoiesis, languaging, zero time cybernetics and structural determined systems. Maturana, along with [Francisco Varela](#) and Ricardo B. Uribe, is particularly known for creating the term "[autopoiesis](#)" about the self-generating, self-maintaining structure in living systems, and concepts such as structural determinism and structure coupling.

His work has been influential in many fields, mainly the field of systems thinking and cybernetics. Overall, his work is concerned with the biology of cognition

Maturana has authored several books and papers.

He was awarded the Norbert Wiener Memorial **Gold Medal** of WOSC in 2014.

https://en.wikipedia.org/wiki/Humberto_Maturana