



Kurt Wüthrich

Chemist/Biophysicist

Kurt Wüthrich (born October 4, 1938 in Aarberg, Switzerland) is a chemist/biophysicist. He received the Nobel Prize in Chemistry in 2002 for "his development of nuclear magnetic resonance spectroscopy for determining the three-dimensional structure of biological macromolecules in solution". During his graduate studies Wüthrich started out working with electron paramagnetic resonance spectroscopy and the subject of his Ph. D thesis was "the catalytic activity of copper compounds in autoxidation reactions". During his time as a postdoc in Berkeley he began working with the newly developed and related technique of nuclear magnetic resonance spectroscopy to study the hydration of metal complexes. When Wüthrich joined the Bell Labs, he was put in charge of one of the first superconducting NMR spectrometers, and started studying the structure and dynamics of proteins. He has pursued this line of research ever since.

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