

Dr. Steve Hartson

Department of Biochemistry

Dr. Steve Hartson holds Bachelor's and Doctorate degrees in Biochemistry from OSU, and is currently an Associate Research Scientist on the faculty of OSU's Department of Biochemistry and Molecular Biology. He has directed the department's DNA/Protein Resource Facility since 2000, now housed in the Henry Bellmon Research Center.

Dr. Hartson uses mass spectrometry and proteomics approaches in his individual research program, and transfers expertise thus gained to the OSU community through Facility services, consultations, and via workshops and formal classes on these research approaches. He currently oversees one of the world's most powerful proteomics platforms, namely a fully equipped LTQ OrbitrapXL tandem mass spectrometer, funded in part by an award from National Science Foundation to Dr. Hartson and his co-investigators.

Dr. Hartson's research program focuses on Hsp90, a cellular chaperone that regulates cellular growth and division. His current project (funded by OCAST) uses high-performance mass spectrometry approaches to assess the mechanisms behind anti-cancer drugs that inhibit Hsp90.



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