

Global Automation Leadership Award



Recognizing The United States Air Force
Research Laboratories
for Visionary Leadership
in Biological Knowledge Management



Best Knowledge Management Platform for Biological R&D

Biological knowledge, information, data, and records management require an entirely new approach to deal with complexity, performance issues, and multidisciplinary ambiguity of terminology, logic, and models that arises from the lack of standardization in biology vis-à-vis chemistry.

Leading scientists and many top management sponsors at USAF / AFRL are being honored for their exceptional vision, leadership, and skill for applying a knowledge-based automation approach to the rapidly evolving fields of biological R&D. The AFRL scientific R&D problems in biosafety, healthcare, genomics, proteomics, and newer disciplines, require semantic tagging, linking, and inference networks. The AFRL applied Rescentris' Collaborative Electronic Research Framework (CERF) as an open semantic web Knowledge Management platform that is evolving as rapidly as the Air Force's biological R&D. Their visionary approach is allowing the Air Force's military scientists to solve increasingly difficult R&D problems.