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## Schools' PCs used for study on cancer drugs

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The Courier-Journal

University of Louisville scientists searching for new cancer-fighting drugs have received help from computers in small rural public school classrooms 170 miles away, the scientists said yesterday.

Researchers at the UofL's James Graham Brown Cancer Center earlier this month used the computers in the Caldwell County school system in Western Kentucky to analyze the molecular structures of chemicals that may safely and effectively attack cancer cells.

"We got usable science out of it," said John Trent, a computational biologist with the cancer center.

The UofL researchers collaborated with the Louisville-based company Dataseam to use about 70 classroom computers while the students were not in school.

Among the thousands of potential anti-cancer compounds analyzed, the researchers found several that they want to test further, Trent said.

Using school computers in Kentucky is a cost-effective way to conduct such research and should be expanded, said Trent and Brian Gupton, founder and chief executive of Dataseam.

Pat Fralick, director of technology for the Caldwell district, said the project has provided valuable educational experience for students, who learn about the work being done.

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