



UMass Lowell Computer Science Colloquium Announcement

Speaker: Gregory Tucker-Kellogg
Millennium
Date: April 24, 2002
Time: 3:00pm - 4:00pm
Place: Olsen Hall 311
Refreshments are served at 2:30pm

Using genomics and bioinformatics to discover biomarkers for prediction of drug response

Accurate prediction of disease progression in patients is one of the most enticing and challenging near term opportunities provided by genomics technologies. We have applied Millennium's technology platform and partnerships to discover predictive biomarkers for applications including diagnosis, prognosis, and drug-responsiveness of life-threatening diseases including a variety of cancers. Our genomic biomarker discovery strategy will be presented, with a focus on our bioinformatics approach to marker discovery, marker selection and estimation of predictive accuracy. Results will be shown for the prediction of drug response in patients undergoing chemotherapy for ovarian cancer.

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