

Select Publications from Dr. Gopalakrishnan:

- Grover, H., Lustgarten, J.L., Visweswaran, S., **Gopalakrishnan, V.** Improving Peptide Identification via Validation with Intensity-based Modeling of Tandem Mass Spectra. In *Proceedings of the International Conference on Bioinformatics, Computational Biology, Genomics and Chemoinformatics (BCBGC-08)*. (2008) 56-63.
- Lustgarten, J. L., Visweswaran, S., Grover, H., **Gopalakrishnan, V.** An Evaluation of Discretization Methods for Learning Rules from Biomedical Datasets. In *Proceedings of the International Conference on Bioinformatics and Computational Biology (BIOCOMP'08)*. (2008) 527-532.
- Lustgarten, J.L., **Gopalakrishnan, V.**, Malehorn, D., Bigbee, W. Assigning Putative Protein Identifications to Selected Lung Cancer Biomarkers from Surface-Enhanced Laser Desorption/Ionization Time-of-Flight Mass Spectrometry of Blood Serum. Presented at the Annual Advancing Pathology Imaging, Informatics and the Internet (APIII) conference (2008). Honorable Mention Award.
- Gopalakrishnan, V.** Computer Aided Knowledge Discovery in Biomedicine. *Handbook of Research on Systems Biology Applications in Medicine*. Daskalaki, A. (Ed.), (Information Science Reference, 2008).
- Lustgarten, J.L., **Gopalakrishnan, V.**, Grover, H., Visweswaran, S. *Improving classification performance with discretization on biomedical datasets*. In *Proceedings of the Fall Symposium of the American Medical Informatics Association* (Nov 2008).
- Lustgarten, J.L., **Gopalakrishnan, V.**, Hogan, W.R., Visweswaran, S. Improving a knowledge base for use in proteomic data analysis. In *Proceedings of Intelligent Data Analysis in bioMedicine And Pharmacology (IDAMAP-08)* (Nov 2008).
- Lustgarten, J.L., Visweswaran, S., Hogan, W.R., **Gopalakrishnan, V.** Knowledge Based Variable Selection for Learning Rules from Proteomic Data. To appear in *Proceedings of the 2009 AMIA Summit on Translational Bioinformatics* (March 2009).
- Mitra, P., **Gopalakrishnan, V.**, McNamee, R.L. Utilization of Spatial Coherence in Functional Neuroimage-based Classification. To appear in *Proceedings of the Third International Conference on Bioinformatics and Biomedical Engineering* (June 2009).