

Publications

Revues internationales

Marquet G, Mosser J, Burgun A. A method exploiting syntactic patterns and the UMLS semantics for aligning biomedical ontologies : The case of OBO disease ontologies. International Journal of Medical Informatics, 2007, May 19

Guérin E and **Marquet G**, Chabalier J, Troadec MB, Guillouzo C, Loréal O, Burgun A and Moussouni F. Combining biomedical knowledge and transcriptomic data to extract new knowledge on genes. Journal of Integrative Bioinformatics, 2006 ; 3(2) Special Issue : 3rd Integrative Bioinformatics Workshop, Online Journal : <http://journal.imbio.de/article.php?aid=35>.

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Marquet G, Dameron O, Saikali S, Mosser J, Burgun A. Grading glioma tumors using OWL-DL and NCI Thesaurus. AMIA Annu Symp Proc 2007

Marquet G, Mosser J, Burgun A. Aligning biomedical ontologies using lexical methods and the UMLS : the case of Disease ontologies. Stud Health Technol Inform 2006 ; 124 :781-786

Guérin E, **Marquet G**, Burgun A, Loréal O, Berti-Equille L, Leser U, Moussouni F. 2005. Integrating and Warehousing Liver Gene Expression Data and Related Biomedical Resources in GEDAW. Lectures notes in computer science, 2005 ; 3615 :458-174 Special Issue Data Integration in the Life Sciences (DILS)

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Marquet G, Burgun A, Moussouni F, Guerin E, Le Duff F, Loreal O. BioMeKe : an ontology-based biomedical knowledge extraction system devoted to transcriptome analysis. Stud Health Technol Inform. 2003 ; 95 : 80-86

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Chabalier J, **Marquet G**, Dameron, O, Burgun A. Enrichissement de la hiérarchie KEGG par l'exploitation de Gene Ontology. Réunion satellite Ontologie, Grille et Integration Sémantique pour la Biologie - Journées Biologie, Informatique, Mathématiques (JOBIM'06), 2006

Guérin E, Chabalier J, **Marquet G**, Burgun A, Loreal O, Moussouni F. GEDAW : un environnement intègre pour l'analyse du transcriptome. Réunion satellite Ontologie, Grille et Integration Sémantique pour la Biologie - Journées Biologie, Informatique, Mathématiques (JOBIM'05), 2005

Posters

Marquet G, Mosser J, Burgun A. Reusing OBO ontologies to build a domain ontology. 15th Annual International Conference on Intelligent Systems for Molecular Biology (ISMB) and 6th European conference on Computational Biology (ECCB) 2007

Chabalier J, Vimont E, Bedrine-Ferran H, **Marquet G**, Burgun A. A transversal approach for transcriptomic data analysis based on an object environment. European Conference on Computational Biology 2005

Marquet G, Guerin E, Burgun A, Moussouni F, Mougin F, Loreal O. Biological and medical ontology-based annotation of genes in the context of transcriptome analysis. 2nd European Conference on Computational Biology, 2003

Mougin F, **Marquet G**, Burgun A, Guérin E, Moussouni F, Loréal O., Use of meta-data for biomedical heterogeneous data sources integration. 2nd European Conference on Computational Biology, 2003

Marquet G, Burgun A, Moussouni F, Guerin E, Loreal O. An integrative approach of biomedical knowledge via ontologies for liver transcriptome analysis. Workshop on Ontology in biology, Heidelberg, 2002