Genomics Weekly News Digest

July 5, 2007

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GENERAL INTEREST


RNA molecules can orchestrate gene activity across vast portions of the human genome, News-Medical.Net, July 1

ETHICAL, LEGAL AND SOCIAL ISSUES (ELSI)

Communicating genetic information in the family: the familial relationship as the forgotten factor

Cost-utility analysis of genetic screening in families of patients with germline MUTYH mutations

CHRONIC DISEASE

Cancer

Gene for brain cancer identified, Hindustan Times, July 3

Genetic susceptibility to lymphoma

Gene variations directly link inflammation to an increased risk for lung cancer, EurekAlert, July 3

Researchers study genetics, other factors to determine why black women have higher rates of aggressive breast cancer, Medical News Today, June 28

A role for LKB1 gene in human cancer beyond the Peutz-Jeghers syndrome
Sanchez-Cespedes M Oncogene 2007 Jun

New working principle in cancer treatment, News-Medical.Net, July 5

Genetic mutation that may alter response to cancer therapeutics found, News-Medical.Net, July 4
Fat kills cancer, EurekAlert, July 3


The Role of Genetic Testing for Cancer Susceptibility in Gynecologic Practice

Cardiovascular Disease (including Hypertension and Stroke)

Genetic mutations raise heart rhythm problem risk, Yahoo News, July 1

ACE Genotype, Risk and Causal Relationship to Stroke: Implications for Treatment

Respiratory System (including Asthma)

New treatments for childhood asthma could be in the pipeline following the discovery of a gene associated with the condition, News-Medical.Net, July 5

CD14, Endotoxin, and Asthma Risk: Actions and Interactions

Gene-air pollution interactions in asthma

Bowel Disorders

Evaluating the role of the genetic variations of PTPN22, NFKB1, and FcGRIIIA genes in inflammatory bowel disease: A meta-analysis

Chronic Pain Disorders

Genetics of chronic pain states

INFECTIONIOUS DISEASE

Gene therapy could protect against HIV infection, LabTechnologist.com, June 28

MATERNAL AND CHILD HEALTH / CHILDREN WITH SPECIAL HEALTH NEEDS

Newborn Screening

Screening Embryos Before IVF Implantation Leads To Fewer Babies For Older Women, New Study, Medical News Today, July 5

Panelists tackle issue of genetics testing, The Southern, June 29
New genetic test developed at Emory advances detection and diagnosis of muscular dystrophy, Science Daily, June 28

Parents support genetic testing, DNA biobanks, study finds, Science Daily, June 28

Europe struggles to meet the challenges posed by PGD patients traveling abroad, EurekAlert, July 2

Does cystic fibrosis neonatal screening detect atypical CF forms? Extended genetic characterization and 4-year clinical follow-up

Congenital Conditions

Detection And Diagnosis Of Muscular Dystrophy Advanced By New Genetic Test, Medical News Today, July 3

Genetic disease carries risk of sudden deafness, Reuters Health, July 3

Human genetic factors in nonsyndromic cleft lip and palate: An update

MENTAL and NEUROLOGICAL CONDITIONS

Mental Health and Behavioral Conditions

Depression in kids of divorce blamed on genes, MSNBC, July 2

Gene Variant Increases Risk for Alcoholism Following Childhood Abuse, Medical News Today, July 1

Genetic causes of autism, NewsDesk, July 2

Movement Disorders

Seven novel mutations and four exon deletions in a collection of Norwegian patients with SPG4 hereditary spastic paraplegia

Parental transmission of MS in a population-based Canadian cohort

PHARMACOGENOMICS

Pharmacogenomics of gemcitabine: can genetic studies lead to tailor-made therapy?

Antiepileptic Medication During Pregnancy: Does Fetal Genotype Affect Outcome?