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**GENERAL INTEREST**

“NIH-Funded Study Seeks Long-lived Families to Help Discover Secrets of Long and Healthy Life” (July 11) National Institute on Aging reports, “Long, healthy life tends to run in some families, and researchers on a project supported by the National Institutes of Health (NIH) want to learn more about the factors that contribute to it.”

“The inability to recognize faces can be inherited” (July 9) News-Medical.Net reports, “In the first study to examine whether the inability to recognize faces can be inherited, researchers found that it is in fact a common disorder that runs in families and is one of the most frequent disorders apparently controlled by a defect in a single gene.”

**ETHICAL, LEGAL AND SOCIAL ISSUES (ELSI)**


*Ethical issues arising from the participation of children in genetic research*  
Burke W & Diekema DS *J Pediatr* 2006 Jul;149(1S):S34-S38

*Why disclosure of genetic tests for health insurance should be voluntary*  
Smith R & Raithatha N *J Health Serv Res Policy* 2006 Jul;11(3):184-6

*Institutionalized paternalism? Stakeholders' views on public access to genetic testing*  

*Social and family considerations in genetic counselling*  
Svendsen MN & Koch L *Ugeskr Laeger* 2006 Jun;168(24):2348-50

**CHRONIC DISEASE**
Cancer

“Imaging technology points to small molecules that can fight treatment-resistant tumors” (July 11) EurekAlert! reports, “Using a newly developed drug screen, researchers at the University of Pennsylvania School of Medicine have discovered small molecule compounds that are able to perform the functions of a gene commonly mutated in many types of cancer.”

“Ensuring That Genetic Testing From Different Laboratories Yields the Same Results” (July 10) Innovations Report reports, “For individuals who develop colorectal cancers at a young age or have a family history of such cancers, microsatellite instability testing (MSI) has become an almost standard component of clinical evaluation.”

Genetic susceptibility for cancer in childhood
Schmiegelow K Ugeskr Laeger 2006 Jun;168(24):2373-6

Genetic counselling in monogenic cancer syndromes
Brondum-Nielsen K & Gerdes AM Ugeskr Laeger 2006 Jun;168(24):2350-4

The genetics of melanoma

“Cancer researchers confirm brain tumor genetic subtype informs treatment, predicts outcome” (July 6) EurekAlert! reports, “Research confirms that determining the genetic composition of brain cancers can better inform doctors and patients for treatment options and prognosis.”

Prospective evaluation of prostate cancer screening in men with a family history of the disease

“Women with mutations in BRCA1 or BRCA2 genes can reduce cancer risk by having ovaries removed” (July 12) News-Medical.Net reports, “Women with mutations in the BRCA1 or BRCA2 genes can significantly reduce their risk of certain types of cancer by having their ovaries removed, according to a study in the July 12 issue of Journal of the American Medical Association.”

Factors associated with the incompliance with mammogram screening among individuals with a family history of breast cancer or ovarian cancer

“Gene Mutations Don’t Add To The Risk Of Blood Clots In Women Taking Tamoxifen” (July 6) Medical News Today reports, “Two genetic mutations may not increase the risk of blood clots in women taking tamoxifen for breast cancer prevention.”

Inherited breast and ovarian cancers
Gerdes AM & Ejlertsen B Ugeskr Laeger 2006 Jun;168(24):2367-9

“Women with damaged ATM gene more likely to develop cancer” (July 10) Guardian Unlimited reports, “Women who inherit a damaged version of a particular gene are more than twice as likely to develop breast cancer, according to research published today.”

Risk assessment in relatives of gastric cancer patients: hyperproliferation, genetics, and Helicobacter pylori infection
Familial colorectal cancer

Cardiovascular Disease (including Hypertension and Stroke)

“Genetic variation found that predicts response to heart failure medication”
(July 10) EurekAlert! reports, “Researchers at the University of Maryland School of Medicine in Baltimore and the University of Colorado School of Medicine in Denver have identified a common genetic variation that could help determine whether a person with heart failure would benefit from beta-blockers, a class of drugs used to treat chronic heart failure.”

Long QT syndrome: genes, mechanisms and risks; indication for genetic family screening?

Renal Disease

DNA polymorphisms and renal disease: a critical appraisal of studies presented at the annual ERA/EDTA and ASN conferences in 2004 and 2005

Lung Disorders

alpha1-Antitrypsin Deficiency: Situation in Spain and Development of a Screening Program

MATERNAL AND CHILD HEALTH / CHILDREN WITH SPECIAL HEALTH NEEDS

Maternal and Child Health

“Routine ECGs for newborns would identify life-threatening heart condition”
(July 12) EurekAlert! reports, “Italian heart specialists are calling on health care providers throughout Europe to give urgent consideration to introducing ECG screening for all babies at around three to four weeks of age to pick up a life-threatening genetic condition called long QT syndrome.”

“States Doubled Number of Newborns Tested for Genetic Diseases”
(July 11) Fox News.com reports, “States have nearly doubled the number of newborns being tested for a host of rare but devastating genetic diseases -- yet where you live still determines just how protected your baby will be, the March of Dimes reports.”

MENTAL and NEUROLOGICAL CONDITIONS

Mental Health and Behavioral Conditions

Genetics and pathophysiology of mental retardation
The genetics of developmental dyslexia

Neurological Disorders

**PARK8 LRRK2 Parkinsonism**

**NUTRIGENOMICS**

"Does My Diet Fit My Genes?"
(July 11) Time reports, "The new science of nutrigenomics has some answers."

**PHARMACOGENOMICS**

"Gene tests as potential guides for treatments"
(July 12) International Herald Tribune reports, "A decade or so ago, when the revolution in genetics was getting under way, the air was heady with promises."

**GENOMIC EPIDEMIOLOGY AND TOOLS FOR POPULATION HEALTH**

**Quantifying bias due to allele misclassification in case-control studies of haplotypes**

**Genetic disorders among Palestinian Arabs, 4: Genetic clinics in the community**

"South has 'key role' studying genetic links to disease"
(July 11) SciDev.Net reports, "Researchers in developing nations are at the forefront of global efforts to develop a database of information about how human genetics influences disease."

"Cell survival depends on chromosome integrity"
(July 9) News-Medical.Net reports, "UCLA researchers report that thousands of genes behave differently in the same organs of males and females - something never detected to this degree."