

NEOCODEX WORKSHOP ON GENOME WIDE SCANS FOR DISEASE SUSCEPTIBILITY.**June, 13th 2008****8:30-9:30.** Registration @ EOI Building, Leonardo Da Vinci, 12. La Cartuja, Sevilla.**9:30-10:00.** Official Opening. Consejería de Innovación / CTA**10:00-12:00. Section I:** GENOMEWIDE ANALYSIS OF SPANISH POPULATION. Dr Manuel Perucho, moderator (Burnham Institute, CA, USA).

- *Description of the sample and selection: The Segovia and SIRS Studies.* Prof. Manuel Serrano Ríos (Dep. of Internal Medicine II, H. Clínico San Carlos, Madrid, Spain.)
- *Haplotypic structure of Spanish population.* Dr Javier Gayan Guardiola (Neocodex, Spain).
- *Neocodex consortium for genome research. Epidemiology aspect of collected populations.* Dr Antonio Gonzalez-Perez (Neocodex, Spain).
- *A CNV map of Spanish population.* Dr Jose Jorge Galan Retamal (Neocodex, Spain).
- *Whole genome association study results in metabolic syndrome and its endophenotypes.* Dra Maria Eugenia Saez Goñi (Neocodex, Spain).
- *Hypothesis-Free Clinical Cloning (HFCC) in Alzheimer and Parkinson disease.* Dr Agustin Ruiz (Neocodex, Spain).

12:00-12:30: Coffee break.**12:30-14:00. Section II:** APPLICATION OF GENOME ANALYSIS TO COMPLEX DISEASES. Dr Manuel Perucho, moderator (Burnham Institute, CA, USA).

- *Design and Analysis of Genome Wide Association Studies.* Dr Gonçalo Abecasis (University of Michigan, USA).
- *Genetic interactions by network analysis in Breast Cancer. Behind the gene hunting.* Dr Joan Climent (UCSF, USA).
- *Susceptibility to Lung Cancer.* Dr Jun Yokota (National Cancer Center, Japan).
- *Utility of single molecule DNA sequencing in support of complex trait analysis.* Dr. David Housman (MIT, USA)

14:00-15:30. Lunch time.**15:30-17:00.** Round Table, General Discussion and Conclusions.