

**20th ISFG CONGRESS - SEPTEMBER 9 to 13, 2003 - ARCACHON-BORDEAUX - France**

**Tuesday September 9**

10:00 am - 6:00 pm

Registrations

2:00 - 4:30 pm

Forum on DNA Databases. *Chair: Peter D. Martin*

5:00 - 6:00 pm

**Opening ceremony**

6:00 pm

Welcome reception offered by the City Hall

20th ISFG CONGRESS - SEPTEMBER 9 to 13, 2003 - ARCACHON-BORDEAUX - France

Wednesday September 10  
New Technologies and SNP Analysis

8:30 - 10:15 am

Poster Installation

8:30 - 9:15 am

"Methodologies for SNP typing" - *Ann-Christin Syvanen*

**9:15 - 10:15 am**

**Oral presentations - Session 1**

O-01 A DNA microarray system for forensic DNA analysis - *A-M. Divne and M. Allen*

O-02 Detection of genetic variation by MALDI-TOF mass spectrometry: Rapid SNP genotyping using the GENOLINK system - *D. Niemeyer, E. Petkovski, T. Elssner, K. Fahr, D. Peters, T. Wenzel, and M. Kostrzewa*

O-03 Development of SNP microarray for supplementary paternity testing - *P. Ellonen, M. Levander, I. Ulmanen and M. Lukka*

O-04 Multiplex Y chromosome SNP genotyping using MALDI-TOF MS - *J. Mengel-Jørgensen, J.J. Sanchez, C. Børsting, F. Kirpekar, N. Morling*

10:15 - 10:45 am

Coffee break – Poster session and Industrial exhibition

**10:45 - 12:00 am**

**Oral presentations - Session 2**

O-05 Analysis of nuclear STR markers using Pyrosequencing Technology - *A-M. Divne and M. Allen*

Selecting Single Nucleotide Polymorphisms for Forensic Applications - *C. Phillips, M. Lareu, M. Brion, B. Sobrino, A. Carracedo, C.*

O-06 *Boersting, F. Kirpekar, J. Mengel-Joergensen, J. Sanchez, N. Morling, D. Syndercombe Court, K. Balogh, M. Bogus, K. Bender, P.M. Schneider*

O-07 Selection and use of SNP markers for human identification and paternity analysis in Koreans - *Hwan Young Lee,, Myung Jin Park, Ji-Eun Yoo, Ukhee Chung,, Gil-Ro Han, and Kyoung-Jin Shin,,*

O-08 SNPs: Tools for individual identification - *E. Petkovski,, C. Keyser-Tracqui, D. Niemeyer, R. Hienne and B. Ludes*

O-09 SWaP SNPs and Mirror SNPs: multiplex genotyping of a rare subset of SNPs enables the analysis of mixtures - *N. Anwar, K. Elliot, T. Harding, P. Rowan and B. McKeown*

O-10 Whole genome amplification - the solution for a common problem in forensic casework? - *P.M. Schneider, N. Naveran, K. Balogh, M. Bogus, K. Bender, M. Lareu and A. Carracedo*

12:00 am - 1:00 pm

Poster session

1:00 - 2:00 pm

Lunch

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Wednesday September 10  
New Technologies and SNP Analysis

1:00 - 2:00 pm

ISFG Working Party meetings

2:00 - 2:45 pm

"Linkage disequilibrium - Population Genetics, Genetic Epidemiology, and Forensic Genetics" - *Max Baur*

**2:45 - 4:00 pm**

**Oral presentations - Session 3**

O-11 Non Binary Single Nucleotide Polymorphism Markers - *C. Phillips, M. Lareu, A. Salas, A. Carracedo*

O-12 Population Studies Using SNP Typing – How Important Is Detailed Sample Origin Information? - *C. Thacker, C. Harrison, M. Brion, C. Phillips, P. Sanchez-Diz, D. Ballard, A Carracedo and D. Syndercombe Court*

O-13 Characteristics of mutations among alleles at the D5S818 locus analyzed using a tightly linked SNP marker. - *M. Edwards and R. Allen*

O-14 Cytochrome P450 2D6 genotyping of fatal intoxications using Pyrosequencing - *AL. Zackrisson, P. Holmgren, AB. Gladh, J. Ahlner and B. Lindblom*

O-15 Correlation between the ultra rapid metabolizer genotype for cytochrome P450 CYP2D6 and the consumption of methadone - *K. Bender, A. Koch, J. Becker und C. Rittner*

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Thursday September 11

Mass Disaster Victim Identification and Forensic Casework

- 8:30 - 9:15 am "DNA testing as the primary tool for the victim identification effort after the World Trade Center terrorist attack." -  
*Mechthild Prinz*
- 9:15 - 10:15 am Oral presentations - Session 4**
- O-16 The Use of a Single Nucleotide Polymorphism (SNP) Marker Panel for Human Identification from Compromised Biological Specimens - *E. Anguiano, C. Barceleau, R. Giles, and J. Baisch*
- O-17 Searching DNA profiles to identify victims in a mass disaster - *C. Brenner*
- O-18 DNA identification of the victims of the Linate air crash of October 8th, 2001 - *A. Piccinini, M. Capra, F. Betti and C. Cattaneo*
- O-19 Large-Scale Comparative Genotyping and Kinship Analysis: Evolution in Its Use for Human Identification in Mass Fatality Incidents and Missing Persons Databasing - *B. Leclair*
- 10:15 - 10:45 am Coffee break – Poster session and Industrial exhibition
- 10:45 - 12:00 am Oral presentations - Session 5**
- O-20 Use of Laser Capture Microdissection to isolate sperm - *K. Elliott, D.S. Hill, C. Lambert, T.R. Burroughes and P. Gill*
- O-21 An Easily-Automated, Closed-Tube Forensic DNA Extraction Protocol using a Thermostable Proteinase - *D. Moss, S.-A. Harbison and D. J. Saul*
- O-22 Discrepant results of samples taken from different tissues of a single individual - *EM Dauber, G Dorner, M Mitterbauer, S Wenda, I Faé and WR Mayr*
- O-23 Genetic investigation of historical and modern burned corpses - *N. von Wurmb-Schwark, M. Harbeck, E. Simeoni, M. Oehmichen*
- O-24 Origin of DNA Profiles from Body Fluid Stains - *C. Peel*
- O-25 Genetics and Other Forensic Tools for Attribution of Microbiological Agents - *B. Budowle*
- 12:00 am - 1:00 pm ISFG General Assembly**
- 1:00 - 2:00 pm Lunch

Thursday September 11

Mass Disaster Victim Identification and Forensic Casework

2:00 - 2:45 pm

"Population substructure: effects in interpretation" - *Ranajit Chakraborty*

2:45 - 4:00 pm

**Oral presentations - Session 6**

- O-26 A Comparison of Adjustment Methods to Test The Robustness of an STR DNA Database Comprised of 24 European Populations - *Peter Gill, Lindsey Foreman, John S. Buckleton, Christopher M. Triggs Heather Allen*
- O-27 Assigning individuals to ethnic groups based on 13 STR loci - *X. Fosella, F. Marroni, S. Manzoni, A. Verzeletti, F. De Ferrari, N. Cerri, S. Presciuttini*
- O-28 Between country comparison of a large Caucasian STR database collected as part of the Standardisation in DNA Profiling (STADNAP) project - *D Syndercombe Court and the EDNAP Group*
- O-29 FINEX and FAMILIAS: two programs for analysis of defective identification cases - *M. Dobosz, P. Mostad, R.G.Cowell, V.L. Pascali*
- O-30 Germline Mutations at 15 STR Loci in the Chinese Population - *W.M. Tang and M.Y. Law*

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Friday September 12

Y Chromosome and mtDNA Studies

8:30 - 9:15 am

"The Y chromosome: population structure and forensic applications" - *Mark Jobling*

9:15 - 10:15 am

**Oral presentations - Session 7**

O-31 29 Y-chromosome SNP analysis in European populations - *M. Brión, A. Blanco-Verea, M. Lareu, A. Carracedo*

O-32 Development of a Male-Specific, 12-Locus Fluorescent Multiplex - *B. E. Krenke, P. M. Fulmer, K. Driftmier Miller, C. J. Sprecher, S. Lupton*

O-39 Sequence analysis of the complete mitochondrial genome - *M. Nilsson, U. Gyllensten, M. Allen*

O-43 Measuring by fragment analysis the proportion of length variants in samples carrying length heteroplasmy at the Homopolymeric C-Stretch in mitochondrial HVII region - *L. Prieto, M. Montesino, A. Rodríguez-Monge, C. García, E. García, E. Rivas, A. Salas*

10:15 - 10:45 am

Coffee break – Poster session and Industrial exhibition

10:45 - 12:00 am

**Oral presentations – Session 8**

O-35 Y-Chromosomal Microsatellite Mutation Rates: Differences in Mutation Rate Between and Within Loci - *B. Myhre Dupuy, M. Stenersen, A.G. Flønes T. Egeland and B. Olaisen*

O-36 Y-SNP typing by SNaPshot minisequencing in degraded forensic samples - *N. Siebert, B. Hoste*

O-37 Y-SNPs Analysis in Japanese using Liquid Bead Array Technology - *Masaki Hashiyada, Masayuki Nata, Toshio Nagashima*

O-38 The highly discriminating Y-STR DYS464: a reasonable extension of the minimal Y-STR haplotype? - *B. Berger, H. Niederstätter, A. Brandstätter, W. Parson*

O-33 Multiplexed Assays for Evaluation of Y SNP Markers in U.S. Populations - *P.M. Vallone and J.M. Butler*

O-34 How much more should the Y-STR Haplotype Reference Database increase to reach a pragmatic saturation level? - *L. Pereira, A. Amorim*

12:00 am - 1:00 pm

Poster session

1:00 - 2:00 pm

Lunch

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Friday September 12

Y Chromosome and mtDNA Studies

1:00 - 2:00 pm

EDNAP/ENFSI meeting

2:00 pm

Poster removal

2:00 - 2:45 pm

"mtDNA: Phylogeography" - *Martin Richards*

**2:45 - 4:00 pm**

**Oral presentations – Session 9**

- O-40 Validation of semi automated quality assessment of mitochondrial control region sequence data by PHRED and Sequencher - *E. Sørensen, E.M. Rasmussen, B. Eriksen, H.J. Larsen, N. Morling*
- O-41 Analysis of SNP-variation in the coding region of mitochondrial DNA - *A.Coene, N. Vanderheyden, A. Gilissen, J.-J. Cassiman, R. Decorte*
- O-42 Beyond HV1 and HV2 - identification of valuable mitochondrial SNP positions - *W. Branicki, T. Kupiec, P. Wolańska-Nowak, A. Parys-Proszek, G. Ba*
- O-44 EMPOP – The EDNAP mtDNA Population Database Concept for a new generation, high-quality mtDNA database - *W. Parson, A. Brandstätter, M. Pircher, M. Steinlechner, R. Scheithauer*
- O-45 Is selection at mtDNA really a major concern? - *L. Pereira, A. Amorim*

