



Programme

Wednesday 22 August 2007

9.00-9.30 Opening ceremony (Chairs: Peter M. Schneider, Niels Morling)

The congress president
Niels Morling

The rector of the University of Copenhagen
Ralf Hemmingsen

The ISFG president
Peter M. Schneider

9.30-10.15 ISFG scientific prize 2005 lecture (chairs: Peter M. Schneider, Niels Morling)

The role of phylogenetics for forensic mtDNA analysis
Walther Parson

10.15-10.45 Short oral presentations (Chairs: Peter M. Schneider, Niels Morling)

New Autosomal and Y-Chromosome STR Loci to Aid Work with Degraded DNA and Male-Female Mixed Samples – (0-1)
John M. Butler, Carolyn R. Hill, Amy E. Decker, Margaret C. Kline, Peter M. Vallone

Simultaneous detection of length and nucleotide variability in STRs by High-Performance [Liquid Chromatography-Mass Spectrometry] – (0-2)
Florian Pitterl, Herbert Oberacher, Gabriela Huber, Harald Niederstätter, Walther Parson

Multiplex PCR electrospray-ionization mass spectrometry (ESI-MS): application to forensic mitochondrial DNA examinations – (0-3)
Leslie D. McCurdy, Lora J. Gioeni, Thuy-Trang Pennella, Constance L. Fisher, Alice R. Isenberg, Thomas A. Hall, Kristin A. Sannes-Lowery, Steven A. Hofstadler, Bruce Budowle

10.45-11.15 Coffee break

11.15-12.30 Short oral presentations (Chairs: Bruce Budowle, Leonor Gusmao)

Simultaneous sequencing of multiple homologous templates using 5' tagged primers and 454 parallel sequencing – (0-4)
Helena Malmström, Jan Storå, Petra Molnar, Anders Götherström, Gunilla Holmlund, Thomas P Gilbert, Eske Willerslev

SNP typing using molecular inversion probes, MIPS – (0-5)
Hanna Edlund

Locked Nucleic Acids: Increased trace DNA amplification with improved primers – (0-6)
Kaye Ballantyne, Roland van Oorschot, John Mitchell

A new and novel technology for the in situ detection of body fluids and DNA using antibody-functionalised nanoparticles – (0-7)
Richard Thorogate, Barbara Daniel, Sue Jickells, Margherita Miele, David Russell, Pompei Hazarika, Amanda Garwood

Evaluation of mtDNA coding region SNP typing assays for forensic analysis – (0-8)
Martina Nilsson, Hanna Jansson, Max Ingman, Marie Allen



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Forensic validation of the GenPlex SNP typing system – (0-9)

Esther Musgrave-Brown, David Ballard, Manuel Fondevila-Alvarez, Cheryl Harrison, Christopher Phillips, Yogesh Prasad, Bea Sobrino, Catherine Thacker, Joerg Willhun, Angel Carracedo, Denise Syndercombe Court, Peter M. Schneider

Challenging DNA: assessment of a range of genotyping approaches for highly degraded forensic samples – (0-10)

Manuel Fondevila, Christopher Phillips, Nuria Naveran, Maria Cerezo, Amelia Rodríguez, Raquel Calvo, Luis Fernández, Ángel Carracedo, Maviky Lareu

12.30-14.30 Lunch Seminar: Applied Biosystems

12.30-13.30 Lunch

13.30-15.00 Poster session

15.00-15.30 Coffee break

15.30-16.15 Invited lecture (Chairs: Lutz Roewer, Bernd Brinkmann)

A genome-wide view of human genetic variation from the International HapMap Project
Gill McVean

16.15-17.35 Short oral presentations (Chairs: Lutz Roewer, Bernd Brinkmann)

Genetic diversity in Aboriginal Australia – (0-11)

Simon J. Walsh, R. John Mitchell, Natalie Watson, Fraser Torpy, John S. Buckleton

Genetic structure of the present peoples in East Asia in the light of 105 STR markers – (0-12)

Toshimichi Yamamoto, Rieko Uchihi, Takashi Yoshimoto, Miho Sasaki, Takafumi Mizuno, Yoshinao Katsumata

Genome-wide SNP scans for finding markers to differentiate European populations – (0-13)

Oscar Lao, Tim Lu, Michael Nothnagel, Michael Krawczak, Manfred Kayser

Tracing back ancient south Siberian populations history using mitochondrial and Y-chromosome SNPs – (0-14)

Christine Keyser, Sarah Romac, Caroline Bouakaze, Sylvain Amory, Eric Crubézy, Bertrand Ludes

Stable RNA markers for identification of blood and saliva stains revealed from whole genome expression analysis of time-wise degraded samples – (0-15)

Dmitry Zubakov, Dr. Hanekamp, Dr. Kokshoorn, Ate Kloosterman, Manfred Kayser

mRNA profiling for body fluid identification – (0-16)

Cordula Haas, Birgit Klessner, Andrea Sulzer, Adelgunde Kratzer, Walter Bär

Gene expression analyses from forensic autopsy material – (0-17)

Marielle Heinrich, Sabine Lutz-Bonengel, Tony Fracassov, Ulrike Schmidt

Methods for Detection of Copy Number Variation: Real-Time and CE Based – (0-18)

Manohar R. Furtado, Kelly Li, Rixun Fang, Michael H Wenz

18.00 Reception at the Copenhagen City Hall



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Thursday 23 August 2007

9.00-9.45 Invited lecture (Chairs: Manfred Kayser, Angel Carracedo)
Complex Physical traits
Mark Shriver

9.45-10.45 Short oral presentations (Chairs: Manfred Kayser, Angel Carracedo)

New set of markers for individual geographic origin – (0-19)
Christelle Richard, Christ lie Bonine, Jean Paul Moisan

SNPs associated with physical traits: a valuable tool for the inference of biogeographical ancestry – (0-20)
Runa Daniel, Juan J Sanchez, Najah T Nassif, Simon J Walsh

Human pigmentation genes – (0-21)
Angela van Daal, Ming Ni, Salini Manoharan

The OCA2 gene as a marker for eye colour prediction – (0-22)
Wojciech Branicki, Anna Szczerbinska, Urszula Brudnik, Paulina Wolanska-Nowak, Tomasz Kupiec

Towards Genetic Prediction of Human Externally Visible Characteristics: The Case of Iris Color – (0-23)
Manfred Kayser, Fan Liu, Yurii S. Aulchenko, Mark Vermeulen, Fernando Rivadeneira, Caroline C.W. Klaver, Dominiek D.G. Despriet, Paulus T.V.M. de Jong, Albert Hofman, Ben A. Oostra, Andre G. Uiterlinden, Cornelia M. van Duijn

10.45-11.15 Coffee break

11.15-12.30 Short oral presentations (Chairs: Walther Parson, Mechthild Prinz)

DNA-based prediction of physical traits – a new dimension for forensic genetics, or a first step towards violation of privacy leading to genetic discrimination? – (0-24)
Peter M. Schneider

MiniMito: Multiplex-PCR of size reduced amplicons for compound sequence analysis of the entire mtDNA control region in highly degraded samples – (0-25)
Cordula Eichmann, Walther Parson

A modified mini-primer set for the mtDNA control region sequence analysis from highly degraded forensic remains – (0-26)
Na Young Kim, Hwan Young Lee, Myung Jin Park, Woo Ick Yang, Kyoung-Jin Shin

mtDNAmanager: A forensic mitochondrial DNA database aimed at supporting data quality control and generating reliable frequency estimates – (0-27)
Hwan Young Lee, Injee Song, Eunho Ha, Sung-Bae Cho, Woo Ick Yang, Kyoung-Jin Shin

Haplogroup affiliation of mtDNA control region sequences using a maximum-likelihood approach – (0-28)
Anita Brandst tter, Alexander R ck, Arne D r, Walther Parson

Standardizing the Nomenclature for mtDNA Haplotypes with an Intuitive Hierarchical Execution Software Program – (0-29)
Bruce Budowle, Connie Fisher, Deborah Polanskey, Bobi Den Hartog, Russel Kepler, John Elling



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A Novel 24-plex STR Genotyping Method to Identify Racehorses and Sample Contamination by Human Fluid – (0-30)
Cornelius E Uboh, Jin-Wen Chen, Lawrence R Soma, Xiaoqing Li, Fuyu Guan, Eric K Birks

12.30-13.30 Lunch

13.30-14.15 Invited lecture (Chairs: Vince Pascali, Peter Schneider)

DNA Typing from Non-Human Samples
Adrian Linacre

14.15-15.00 Short oral presentations

DNA chips for forensic animal species identification – (0-31)
Brigitte Loddenkötter, Viola Podsadlowski, Bernd Brinkmann, Carsten Hohoff, Torsten Börchers

Development of STR profiling systems for individual identification in wildlife species – (0-32)
Nick Dawnay, Rob Ogden, Ross McEwing

Tracking Tiger in Traditional East Asian Medicines – (0-33)
Adrian Linacre, Shanan Tobe

MtDNA analysis for genetic identification of forensically important insects – (0-34)
Federica Alessandrini, Morena Mazzanti, Valerio Onofri, Chiara Turchi, Adriano Tagliabracci

15.00-15.30 Coffee break

15.30-16.15 Poster session

16.15-17.30 ISFG General Assembly

Friday 24 August 2007

9.00-9.45 Invited lecture (Chairs: David Gjertson, Antonio Amorim)
Why did we ever decide to be conservative?
John Buckleton

9.45-10.45 Short oral presentations (Chairs: David Gjertson, Antonio Amorim)

Interpretation of complex DNA profiles using Tippett plots to measure robustness – (0-35)
Peter Gill, James Curran, Cedric Neumann

Probabilistic modelling of DNA mixtures – (0-36)
Robert Cowell, Steffen Lauritzen, Julia Mortera

Amplification of DNA mixtures - Missing data approach – (0-37)
Torben Tvedebrink, Poul Svante Eriksen, Helle Smidt Mogensen, Niels Morling

Informativeness of Genetic Markers for Forensic Inference – (0-38)
S. L. Lauritzen, Anjali Mazumder

STR-profiling for differentiation between related and unrelated individuals in cases of citizen rights – (0-39)
Rolf Fimmers, Max Baur, Ute Rabold, Erhard Seifried, Christian Seidl

10.45-11.15 Coffee break



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11.15-12.30 Short oral presentations (Chairs: Peter Gill, Mechthild Prinz)

Matching odds for rare haplotypes – (0-40)
Charles Brenner

Incorporating population structure into forensic Bayesian networks – (0-41)
Amanda Hepler, A. Philip Dawid

The impact of null alleles in kinship probability calculations – (0-42)
João Carneiro, Antonio Amorim

Evaluation of DNA evidence in mass identification projects – (0-43)
Thomas J. Parsons

Resolution of paternity investigations showing ambiguous STR results using autosomal SNPs as supplementary markers – (0-44)
Maviky Lareu, Christopher Phillips, Manuel Fondevila, Angel Carracedo

Multiplex PCR detection of GSTM1, GSTT1 and GSTP1 gene variants – (0-45)
Anders Buchard, Juan J. Sanchez, Kim Dalhoff, Niels Morling

12.30-13.30 Lunch

13.30-14.15 Invited lecture (Chairs: Bertrand Ludes, Wolfgang Mayr)

Pharmacogenetics
Magnus Ingelman-Sundberg

14.15-15.00 EDNAP-ENFSI Seminar (Chairs: Ingo Bastisch, Niels Morling)

A collaborative assessment of the use of Applied Biosystems MiniFiler STR multiplex system for degraded DNA samples – (0-46)
Lindsey Dixon, Peter Gill

EMPOP - SNP exercise – (0-47)
Walther Parson

Update from the ENFSI DNA Working Group
Ingo Bastisch

15.00-15.30 Coffee break

15.30-17.30 ISFG Working Parties Meeting & Poster session

19.00 Congress dinner at the Copenhagen Admiral Hotel



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Saturday 25 August 2007

9.00-10.00 Quality Assurance in Forensic Genetics (Chairs: Gerda de Lange, Bo T. Simonsen)

Results of the 2007 Paternity Testing Workshop of the English Speaking Working Group – (0-48)

Charlotte Hallenberg, Rikke B. Langkjær, Bo T. Simonsen, Niels Morling

Accredited Relationship Testing and Current Practices in the United States – (0-49)

David W. Gjertson

The GEDNAP Proficiency Tests. Recent trends and developments – (0-50)

Carsten Hohoff

GEP-ISFG proficiency testing programs: 2007 update – (0-51)

Julia Garcia Hirschfeld

10.00-10.30 Coffee break

10.30-12.00 Selection of SNPs in forensic genetics (Chairs: John Butler, Niels Morling)

Introduction by the participants (5 minutes) and round table discussion

Bruce Budowle, Peter Gill, Ken Kidd, Chris Phillips, Peter M. Schneider, Peter Vallone

12.00 Closure of the congress (Chairs: Peter M. Schneider, Niels Morling)