

Program

Thursday, November 7 (Hotel Le Meridien)

Morning:

- 9h Registration
- 9h20 Opening Address
- 9h30 **Y-SNPs**
Chris Tyler-Smith (Oxford, UK)
- 10h **A systematic search for new polymorphic microsatellite loci on the human Y chromosome: strategy and first results**
Manfred Kayser (Leipzig, Germany)
- 10h30 *Coffee Break*
- 11h **Interpretation issues in forensic Y-STR casework**
Mechthild Prinz (New York, NY, USA)
- 11h30 **Oral Presentations**
- O1: Application of Y-STR's in forensic routine cases**
Rüdiger Lessig
Institute of Legal Medicine, University of Leipzig, Germany
- O2: Persisting fetal microchimerism is not a problem in forensic YSTR typing**
Michael Klintschar, P. Schwaiger, M. Kleiber
Inst. of Legal Medicine, Martin-Luther Univ. Halle-Wittenberg, Halle(Saale) Germany
- O3: Multiplex PCR development of Y-chromosomal biallelic polymorphisms for forensic applications**
Chiara Turchi, Federica Alessandrini, Valerio Onofri, Mauro Pesaresi and Adriano Tagliabracci
Istituto di Medicina Legale, Università di Ancona, Policlinico Torrette, Italy
- O4: Development and Characterization of Y Chromosome Markers for Forensic Casework**
Ashley Hall¹, Erin Hanson¹ and Jack Ballantyne²
¹*Univ. of Central Florida, Dep. of Chemistry, Orlando, FL 32826-2366;*
²*National Center for Forensic Science, Orlando, FL 32816-2366, USA*

- O5: A Y-chromosome SNP multiplex for forensic genotyping**
Juan J. Sanchez, Charlotte Hallenberg, Claus Børsting, Anders Buchard, Alexis Hernandez, Niels Morling
Department of Forensic Genetics, Institute of Forensic Medicine, University of Copenhagen, 11 Frederik V's Vej, DK-2100, Copenhagen, Denmark
- 12h45 *Lunch*
- Afternoon:**
- 14h15 **NIST Y Chromosome Standards and Multiplex Assays**
John Butler (Gaithersburg, MD, USA)
- 14h45 **Oral Presentations**
- O6: Development of a male-specific, 12 locus fluorescent multiplex**
Rita Weispfenning, Benjamin E. Krenke, Patricia M. Fulmer, Katharine Driftmier Miller, Cynthia J. Sprecher
Promega Corporation, Madison, WI, USA
- O7: Y-Chromosome STR Genotyping for 11 Loci: Development and Validation of the Y-PLEX™5 and YPLEX™6 Systems for Forensic Casework**
Jaiprakash G. Shewale and Sudhir K. Sinha
ReliaGene Technologies, Inc. 5525 Mounes St., Suite 101, New Orleans, LA 70123, USA
- O8: Application of a novel, thermostable SSB protein-based multiplex PCR system for analysis of three Ychromosome STR loci in forensic genetics**
Krzysztof Rebala, Ewa Kapinska, Joanna Wysocka, Zofia Szczerkowska
Department of Forensic Medicine, Medical University of Gdansk, Skłodowskiej-Curie 3A Str, 80-210 Gdansk, Poland
- O9: Use of Locus Specific Brackets in Calibration of Y Chromosome STR Alleles**
Debang Liu, Xiang Wen Meng and Peter Dau
Oligotrail, LLC, 1801 Maple Avenue, Evanston, IL 60201, USA
- O10 Analysis of Y chromosome SNP's on the Nanogen Molecular Biology Workstation**
Claus Børsting, Juan J. Sanchez and Niels Morling
Department of Forensic Genetics, Institute of Forensic Medicine, University of Copenhagen, 11 Frederik V's Vej, DK-2100 Copenhagen, Denmark
- 16h *Coffee Break*

Forum I: Quality Control and Accreditation

- 16h30 **Quality control and standardisation in Y-chromosome typing**
Angel Carracedo (Santiago de Compostela, Spain)
- 16h50 **Oral Presentations**
- O11: Accreditation of Y-STR minimal haplotype markers**
Gunilla Holmlund
National Board of Forensic Medicine, Department of Forensic Genetics, University Hospital, SE-581 85 Linköping, Sweden
- O12: Results of the GEP-ISFG (The Spanish and Portuguese ISFG Working Group) collaborative study on the Y Chromosome STRs: GATA A7.1, GATA A7.2, GATA A10, GATA C4, GATA H4, DYS437, DYS438 and DYS439**
Sánchez-Diz P., Gusmão L., Benítez-Páez A., García O., García-Poveda E., Geadá H., Martín P., Martínez-Jarreta B., Pinheiro F., Raimondi E., Silva de la Fuente S.M., Vide M.C., Whittle M.R., Zarrabeitia M.T., Carracedo A., Amorim A.
GEP-ISFG
- 17h30 – 18h30 **Forum I Discussion**
- Panel:** Angel Carracedo, Gunilla Holmlund, António Amorim, Bernadette Hoste, Carsten Hohoff, Mechthild Prinz and Niels Morling.

Friday, November 8 (Hotel Le Meridien)

Morning:

- 9h **Is the ethnic origin of a male DNA detectable by use of YSTR haplotyping and large reference databases? Examples and discussion**
Lutz Roewer (Berlin, Germany)
- 9h30 **Preliminary notes on the Y chromosomal diversity in the Finns**
Antti Sajantila (Helsinki, Finland)
- 10h **Towards the identification of ethnic and geographical origin by Y chromosomal genetic markers: lessons from the South Amerindian communities**
Daniel Corach (Buenos Aires, Argentina)
- 10h30 *Coffee Break*

11h **Oral Presentations**

O13: Haplotype analysis of 13 Y-STRs, YAP, SRY465 and M9 in a Japanese population

Koji Dewa¹, Steven Rand², Carsten Hohoff², Emiko Naito¹, Haruo Yamanouchi¹, Bernd Brinkmann²
¹Division of Legal Medicine Niigata University Graduate School of Medicine and Dental Science, Japan; ²Institut für Rechtsmedizin, Universität Münster, Germany

O14: Comparative analysis of STRs and SNPs on the Y-chromosome in Germans, Chinese and Thais

K. Bender, B. Stradmann-Bellinghausen, C. Rittner and P. M. Schneider
 Institut für Rechtsmedizin, Mainz, Germany

O15: A comparison of Y-chromosomal and autosomal STR data in past and present-day Mongolian populations

C. Keyser-Tracqui, D. Montagnon, P. Blandin, Z. Beer, H. Pamjav, E. Crubézy and B. Ludes
 Institut de Médecine Légale, Strasbourg, France

O16: Haplotype-specific Variation of DYS 385 Genotypes in an Austrian Caucasian Population Sample

Berger B., Niederstätter H., Lindinger A., Brandstätter A., Parson W.
 Inst. of Legal Medicine, Univ. of Innsbruck, Müllerstrasse 44, A6020 Innsbruck, Austria

O17: Homogeneity and distinctiveness of Polish paternal lineages revealed by Y chromosome microsatellite haplotype analysis

R. Płoski¹, M. Wozniak², R. Pawłowski³, D. Marta Monies⁴, W. Branicki⁵, T. Kupiec⁶, A. Kloosterman⁶, T. Dobosz⁷, E. Bosch⁸, M. Nowak⁹, R. Lessig⁹, M.A. Jobling⁸, L. Roewer¹⁰ and M. Kayser¹¹
¹Warsaw Medical Academy, Poland, ²L. Rydygier's University School of Medical Sciences, Bydgoszcz, Poland, ³Medical University Gdańsk, Poland, ⁴Medical University Lublin, Poland, ⁵Institute of Forensic Research, Krakow, Poland, ⁶Netherlands Forensic Institute, Rijswijk, The Netherlands, ⁷Medical University Wrocław, Poland, ⁸University of Leicester, United Kingdom, ⁹University of Leipzig, Germany, ¹⁰Institute for Legal Medicine, Humboldt-University Berlin, Germany, ¹¹Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

O18: Bantu and European Y-lineages in Sub-Saharan Africa

L. Pereira¹, L. Gusmão¹, C. Alves¹, A. Amorim^{1,2} and M.J. Prata^{1,2}
¹IPATIMUP, R. Dr. Roberto Frias s/n, 4200-465 Porto, Portugal; ²Faculdade de Ciências da Universidade do Porto, Pr. Gomes Teixeira, 4050 Porto, Portugal

12h30 *Lunch*

Afternoon:

Forum II: Databases

14h00 Do Y-STR databases provide reliable estimates of haplotype frequencies?

Peter de Knijff (Leiden, The Netherlands)

14h30 An in-depth survey of European Y-chromosomal STR haplotypes

Michael Krawczak (Kiel, Germany)

15h00 Oral Presentations

O19: Going on-line with Y-STR testing: the BCA laboratory experience

Ann Marie Gross
 Forensic Scientist 3. BCA Laboratory. 1246 University Ave. St. Paul, MN 55104, USA

O20: How important are local differences in autosomal and Y-chromosome STRs frequencies?

María T. Zarrabeitia², José A. Riancho, ³María V. Lareu, ²Francisco Leyva-Cobián, ³Angel Carracedo
¹Unit of Legal Medicine, and ²Hospital Marqués de Valdecilla, University of Cantabria. Santander; ³Institute of Legal Medicine. University of Santiago de Compostela. Spain

O21: The Design and Compilation of a US Y -STR Haplotype Reference Database

Paulina Berdos¹, Ashley Hall¹, Erin Hanson¹, Jack Ballantyn e^{1,2}
¹Univ. of Central Florida, Dep. of Chemistry, Orlando, FL 32826-2366; ²National Center for Forensic Science, Orlando, FL 32816-2366, USA

O22: Mutations at Y-STR loci: a study of 1767 father-son pairs of Norwegian origin

B. Myhre Dupuy, M. Stenersen, A.G. Flønes and B. Olaisen
 Rettsmedisinsk Institutt, Rikshospitalet A2-1001, Gaustadalleen 20, 0027 Oslo, Norway

16h00 *Coffee Break*

16h30 – 18h30 **Forum II Discussion**

Panel: Lutz Roewer, Peter de Knijff, Michael Krawczak, Peter Schneider, John Butler, Walther Parson and Leonor Gusmão.

Saturday, November 9 (IPATIMUP)

10h30 **Oral Presentations**

O23: Y chromosome diversity in Kurds and Assyrians living in Armenia

Yepiskoposyan L.¹, Weale M.E.², Jones A.L.², Quinn L.², Bulygina E.², Hovhannisyanyan N.¹, Khudoyan A.¹, Bradman N.², Thomas M.G.²
¹Institute of Man, Yerevan, Armenia, ²The Centre for Genetic Anthropology, Depart. Biology and Anthropology, University College London, London, UK

O24: Evolutionary history based on seven loci Y-chromosome STR haplotypes of 14 Amerindian tribes of the Amazonian and Orinoquian regions of Colombia

Juan J. Yunis^{1,2}, David S. Campo³, Luis E. Acevedo³, Zuly Camelo⁴, Emilio J. Yunis²
¹Dep. de Patología, Facultad de Medicina, e Inst. de Genética, Univ. Nacional de Colombia ²Serv. Médicos Yunis Turbay y Cia, Bogotá, Colombia ³Dep. de Biología, Facultad de Ciencias, Univ. Nacional de Colombia, Bogotá, Colombia ⁴Dep. de Biología, Univ. Distrital Francisco Jose de Caldas

11h *Coffee Break*

11h30 Next generation YHRD - a presentation on how we improve database functions using new internet technology

Sascha Willuweit (Berlin, Germany)

12h30 **Closing Session**

13h *Lunch*

Afternoon:

14h *Tour*

19h00 *Football game*



Instituto de Patología e Imunologia Molecular da Universidade do Porto

