Professional Profile

Dr. Francesco FIORENTINO
Molecular Biologist
GENOMA Lab Director
Date of birth: 28.05.1966
Academic Degree: Molecular Biology
Graduate Studies: Microbiology and Virology

Dr. Francesco Fiorentino, is founder of GENOMA laboratory. With nearly fifteen years of experience as molecular biologist, he is expert in all aspects of diagnosis, treatment and technology. Dr. Fiorentino is internationally recognized in the fields of reproductive genetics, for its leadership in Preimplantation Genetic Diagnosis (PGD) and for its pioneering work in infertility and genetics. He is also well known as one of the pioneers in the creation of the specialties of reproductive and prenatal genetics in Italy and was the impetus behind development of many important concepts and techniques that have become standard in these important fields.

Education

Dr. Fiorentino graduated from Messina University, Italy, in **1992**, with a degree in molecular biology, after 2 years of internship in the department of genetics. In the same year he completed the residency in biology. He then graduated as specialist in Microbiology and Virology from the above University in **1995**, getting his PhD.

Career

In **1995** he was appointed to the **Italian Police Department- Forensic Science Service** (**FSS**), Rome - Italy, where he spent 3 years performing research and investigation on forensic genetics, coordinating the DNA analysis unit. While at FSS he determined to specialize in the fields of forensic genetics; its main activity was focused on nuclear and mitochondrial DNA analysis from old and degraded biological samples and low copy number DNA samples, feeling that the combination of all these disciplines would provide a nearly unique foundation of formal qualifications for pursuing his professional and research interests.

In **1998**, Dr. Fiorentino established **GENOMA**, a private molecular genetics laboratory, which is now one of the world's largest, fully integrated, specialized provider of genetics services, internationally renowned for its leadership in PGD diagnosis and for its pioneering work in infertility and genetics. GENOMA was founded on several core insights that created the model for molecular genetics centre across the country and around the world. GENOMA also conceived providing genetic services specifically for infertility treatment, an integration which improves quality of care and efficiency.

In 1998, under Dr. Fiorentino's leadership, GENOMA started the first PGD laboratory in Italy. This facility made it possible for GENOMA to test IVF embryos for genetic factors and to prevent genetic diseases in the offspring of at-risk families. The GENOMA 's PGD program is now one of the worldwide leaders in both in quality and volume, and has developed several important new disease-related PGD tests. Dr. Fiorentino was instrumental in forming the PGD. He has been involved in developing each of the tests currently offered in the PGD lab for both single gene defect

testing by polymerase chain reaction (PCR) and chromosomal testing by fluorescence *in situ* hybridization (FISH). Dr. Fiorentino also conceived and implemented the innovation of using **Minisequencing** technique for mutation detection on single cells. This procedure is now widely used by most of the centers performing PGD testing. Dr. Fiorentino has also introduced, first in his country and one of the first in the world, an approach for **PGD of genetic disorders combined with HLA testing**, **PGD for inherited predisposition to cancer**, and for **late onset disorders**,.

In addition to his extensive experience in practice, Dr. Fiorentino is the author or co-author of several book chapters and peer reviewed **publications** as well as **presentations** at national and international meetings in the fields of genetics, prenatal diagnosis and reproductive genetics. His authoritative work has and still makes major contributions to the improvement and higher specificity of PGD in a competitive and constantly expanding field.
Indefatigable in the search for improvements in the care of his patients, and travelling incessantly, Dr Fiorentino is known worldwide for his devotion to his subject and his Center. He is a welcome speaker at numerous international conferences reporting on his successful advances in his field. He is also a member of several international organizations, including the ASRM - American Society for Reproductive Medicine, ESHRE - European Society of Human Reproduction and Embriology, Preimplantation Genetic Diagnosis International Society (PGDIS). He is also an active member of the ESHRE PGD Consortium Steering Committee.
In the last years Dr Fiorentino has served as a consultant to several academic and research institutions. In **2002**, he established a modern molecular genetics laboratory in **Memorial Hospital, Istanbul, Turkey**, where he started the first PGD program of the country. This program has attracted international patients who have come to it for treatment. Dr Fiorentino has also established similar projects in other countries, such as **UK**, **Saudi Arabia**, **Greece** and **Albania**. Dr Fiorentino consultant activity encompasses also other fields: he is **court-appointed consultant** in forensic cases involving DNA analysis from forensic specimens and paternity disputing. He is also consultant to humanitarian no – profit associations regarding kinship tests by DNA analysis and its use for migration purpose.

Today Dr. Fiorentino is a very active member of the **GENOMA** Board of Directors, serving as its Scientific Director and CEO. He pursues his lifelong thirst for new ideas and developments in reproductive genetics by continuing to study the latest scientific and professional developments and helping catalyze continuing GENOMA innovations. As a molecular biologist and research scientist Dr. Fiorentino embodies what GENOMA has come to represent. Today GENOMA is the leader for combining infertility treatment and genetics for the delivery of important, pioneering, high quality medical treatment and patient care. GENOMA continues to be an organization not only where outstanding medical care is offered, but also one firmly dedicated to expanding its well-deserved reputation as a center where scientific knowledge and innovation are created and highly valued, and where the latest reproductive and genetic innovations are transformed from theory into everyday practice.

Forensic Genetics activity

In **1995,** Dr. Fiorentino was appointed to the **Italian Police Department- Forensic Science Service** (**FSS**), **Rome** - Italy, where he spent 3 years performing research and investigation on forensic genetics, coordinating the DNA analysis unit. While at FSS he determined to specialize in the fields of forensic genetics; its main activity was focused on nuclear and mitochondrial DNA analysis from old and degraded biological samples and low copy number DNA samples, feeling that the combination of all these disciplines would provide a nearly unique foundation of formal qualifications for pursuing his professional and research interests.

Presently, Dr. Fiorentino is court-appointed consultant in forensic cases involving DNA analysis from forensic specimens and paternity disputing, as well as consultant of many lawyers . He is also consultant of humanitarian no – profit associations regarding kinship tests by DNA analysis and its use for migration purpose. His activity in forensic genetics is mainly focused on:

- resolution of cases of uncertain paternity;
- determination of maternity in cases of child abduction, abandonment or adoption;
- confirmation of parentage of children conceived through alternative reproduction technologies such as in vitro fertilization;
- demonstration of kinship to a citizen for immigration purposes;
- assistance to legal professionals in resolving relationship disputes without unnecessary court proceedings;
- determination of parentage or grand-parentage for insurance or inheritance rights claims;

identification of rightful heirs, or identification of the person's remains, for example in cases of accidental death, kidnapping, etc.

Molecular Genetics activity

In **1998**, Dr. Fiorentino established **GENOMA**, a private molecular genetics laboratory, which is now one of the world's largest, fully integrated, specialized provider of genetics services, internationally renowned for its leadership in PGD diagnosis and for its pioneering work in infertility and molecular genetics. GENOMA was founded on several core insights that created the model for molecular genetics centre across the country and around the world. GENOMA also conceived providing genetic services specifically for infertility treatment, an integration which improves quality of care and efficiency.
Widely respected for its excellence, innovation and deep scientific base, GENOMA is the center of choice for groundbreaking genetic services worldwide.
Today GENOMA is the leader for combining infertility treatment and genetics for the delivery of important, pioneering, high quality medical treatment and patient care. Widely respected for its excellence, innovation and deep scientific base, GENOMA is the center of choice for groundbreaking genetic services worldwide. GENOMA has over a decade of experience and is one of the few centers in the world that has the skill level required to offer high quality and reliable testing. The GENOMA 's molecular genetics activity is now one of the worldwide leaders in both in quality and volume, processing over **50.000** samples per year. GENOMA 's list of genetic tests is now one of the largest in the field performed by a single centre, including testing for **over 500** different genetic conditions, distributed on **16** main categories. Dr. Fiorentino was instrumental in forming the above list. He has been involved in developing each of the tests currently offered.

PGD activity

In **1998**, under Dr. Fiorentino's leadership, GENOMA started **the first PGD laboratory in Italy**. This facility made it possible for GENOMA to test IVF embryos for genetic factors and to prevent genetic diseases in the offspring of at-risk families.

Today, GENOMA has over a decade of experience in the field and is one of the few centers in the world that has the skill level required to offer high quality and reliable testing. The GENOMA 's PGD program is one of the worldwide leaders in both in quality and volume, and has developed several important new disease-related PGD tests. Dr. Fiorentino was instrumental in forming the PGD, contributing in performing **over 1000 PGD cycles** for singe gene disorders; hundreds of patients have benefited from his experience and dedication. He has been involved in developing each of the tests currently offered in the PGD lab for both single gene defect testing by polymerase chain reaction (PCR) and chromosomal testing by fluorescence *in situ* hybridization (FISH). PGD protocols are available for over **150 different genetic conditions**. GENOMA have been the first lab in the world in performing a PGD cycle for many of them.

Dr. Fiorentino also conceived and implemented the innovation of using **Minisequencing** technique for mutation detection on single cells. This procedure is now widely used by most of the centers performing PGD testing.

Dr. Fiorentino has also introduced, first in his country and one of the first in the world, an approach for **PGD of genetic disorders combined with HLA testing**. This resulted several well-known studies where the cord blood of unaffected children, born after PGD, was used for saving the life of affected siblings with Sickle cell disease, Beta-thalassemia, Fanconi anemia, Adrenoleukodystrophy, Wiskott Aldrich' syndrome, Chronic granulomatous disease, Duncan syndrome, Mannosidosis Alpha, Hurler syndrome, Gaucher disease, Bruton agammaglobulinemia, Glanzmann thrombasthenia, Acute lymphoblastic leucemia, Severe aplastic anemia, Diamond Blackfan anemia and Histiocytosis. These 'designer babies' led to headlines in Italy and across the world. This important step enabled his Centre to become one of the five clinics worldwide offering this therapeutic application.

Dr. Fiorentino then initiated the **PGD for inherited predisposition to cancer**, such as familial adenomatous polyposis coli (FAP), Von Hippel-Lindau syndrome (VHL), Retinoblastoma, Li Fraumeni syndrome, or Neurofibromatosis. Recently, he has extended the use of this technique also for **late onset disorders**, such as Huntington disease and Alzheimer's disease, demonstrating the great usefulness of preimplantation diagnosis for the wide range of common disorders of adult life.

Dr. Fiorentino's clinical success has been achieved in collaboration with several other geneticists in the team. Their success led them to the routine use of PGD to diagnose chromosome abnormalities and monogenic disorders in preimplantation embryos. This team has become the world's leaders in both fields. Current research activity remains focused in developing new PGD techniques.

His enthusiasm for his field and to help patients worldwide is shown by his establishment an international **network of IVF and Preimplantation Genetics Centres**, to assist clinics throughout Europe and Middle East offering PGD services, performing many hundreds clinical cycles annually. His network's current accumulated experience in preimplantation genetic diagnosis provides a substantial contribution to the overall world experience.

Scientific activity

In addition to the extensive experience in practice, Dr. Fiorentino has also a strong scientific commitment, which represents an integral part of his daily activities.
The results of Dr. Fiorentino's scientific activity consist in publication of several book chapters and peer reviewed publications as well as presentations at national and international meetings in the fields of genetics, prenatal diagnosis and reproductive genetics. In some cases, the importance of the work has been such that scientific journals have featured it on their front covers, an indication of the importance they attached to the work.

Dr. Fiorentino's authoritative work has and still makes major contributions to the improvement and higher specificity of PGD in a competitive and constantly expanding field.
Furthermore, Dr. Fiorentino is member of various Italian and international scientific associations, including:

- Relatore ufficiale di numerosi congressi nazionali ed internazionali;
- Membro di diverse associazioni scientifiche nazionali ed internazionali, tra cui:
- ASRM - American Society for Reproductive Medicine
- ESHRE - European Society of Human Reproduction and Embriology
- ESHRE PGD Consortium Steering Committee

Dr. Fiorentino is also reviewer for the following international scientific journals:

- Human Reproduction;
- Molecular Human Reproduction;
- Prenatal Diagnosis
- Journal of Assisted Reproduction and Genetics

Cancer research activity

Dr. Fiorentino was also involved in cancer research area, collaborating with the Experimental Chemotherapy and Molecular Oncogenesis Laboratories of the Regina Elena Cancer Institute, Rome - Italy. The results of the above activity consisted in the publication of two manuscripts in high impact factor journals, such as Molecular Cell and Neoplasia.

- Benassi B, Fanciulli M, **Fiorentino F**, Porrello A, Chiorino G, Loda M, Zupi G, Biroccio A. c-Myc Phosphorylation Is Required for Cellular Response to Oxidative Stress. **Mol Cell**. 2006 Feb 17;21(4):509-19
- Biroccio A., **Fiorentino F**., et al. (2004) "Glutathione Depletion Induced by c-Myc Down-regulation Triggers the Apoptotic Pathway Upon Treatment with Alkylating Agents" **Neoplasia** May-Jun; 6(3):195-206

Cancer research activity is still continuing also in collaboration with the University of Rome "La Sapienza" – Department of Gynaecological Science, Perinatology and Child Care, S. Andrea Hospital.

Additional Professional activities

In the last years Dr. Fiorentino has served as a consultant to several academic and research institutions. In **2002**, he established a modern molecular genetics laboratory in **Memorial Hospital, Istanbul, Turkey**, where he started the first PGD program of the country. This program has attracted international patients who have come to it for treatment. I have also established similar projects in other countries, such as **UK**, **Saudi Arabia**, **Greece** and **Albania**. In **2006**, Dr. Fiorentino has contributed in creating **Bridge-Genoma** in **London**, a join-venture between GENOMA and The Bridge Centre – The London Bridge Fertility Gynaecology and Genetics, with the aim to develop an independent laboratory within the UK dedicated to providing a comprehensive range of preimplantation genetic tests to patients and partner clinics.
Dr. Fiorentino's consultant activity encompasses also other fields: he is court-appointed consultant in forensic cases involving DNA analysis from forensic specimens and paternity disputing. He is also consultant to humanitarian no – profit associations regarding kinship tests by DNA analysis and its use for migration purpose. The following are my current main additional professional activities:

- Scientific Director of **Memorial Hospital - Preimplantation Genetic Diagnosis (PGD) Centre**, Istanbul Turkey.
- Co-Director of **BridgeGenoma** – PGD Centre in London, UK,
- Consultant in several Court cases regarding Forensic Genetics casework: specimen DNA analysis and paternity testing.
- Consultant of humanitarian no – profit associations regarding kinship tests by DNA analysis and its use for migration purpose.

Published Papers

1. **Harper J, Sermon K, Geraedts J, Vesela K, Harton G, Thornhill A, Pehlivan T, Fiorentino F, Sengupta S, de Die-Smulders C, Magli C, Moutou C, Wilton L.**
   What next for preimplantation genetic screening?
   Hum Reprod. 2008 Jan 17 [Abstract] Full Text

2. **Fiorentino F, Biricik A, Nuccitelli A, De Palma R, Kahraman S, Sertyel S, Karadayi H, Cottone G, Baldi M, Caserta D, Moscarini M.**
   Rapid protocol for pre-conception genetic diagnosis of single gene mutations by first polar body analysis: a possible solution for the Italian patients
   Prenatal Diagnosis 2008 28(1):62-64. [Abstract] Full Text

3. **Kahraman S, Findikli N, Karliklaya G, Sertyel S, Karadayi H, Saglam Y, Fiorentino F.**
   Medical and social perspectives of PGD for single gene disorders and human leukocyte antigen typing
   Reprod Biomed Online. 2007 Feb;14 Suppl 1:104-8. [Abstract] Full Text

4. **Fiorentino F., Biricik A., Nuccitelli A., De Palma R., Kahraman S., Iacobelli M., Trengia V., Caserta D., Bonu M.A., Borini A., Baldi M.**
   Strategies and clinical outcome of 250 cycles of preimplantation genetic diagnosis for single gene disorders
   Hum Reprod (2006) 21: 670-684 [Abstract] Full Text

5. **Benassi B, Fanciulli M, Fiorentino F, Porrello A, Chiorino G, Loda M, Zupi G, Biroccio A.**
c-Myc Phosphorylation Is Required for Cellular Response to Oxidative Stress.
Mol Cell. 2006 Feb 17;21(4):509-19. [Abstract] Full Text

6. **Alan H. Handyside, Mark D. Robinson and Francesco Fiorentino**
Preimplantation genetic diagnosis using whole genome amplification
Whole Genome Amplification, edited by S.Huges and R. Lasken Chapter 11 [Abstract] Full Text

7. **Benkhalifa M, Kasakyan S, Clement P, Baldi M, Tachdjian G, Demirol A, Gurgan T, Fiorentino F, Mohammed M, Qumsiyeh MB.**
Array comparative genomic hybridization profiling of first-trimester spontaneous abortions that fail to grow in vitro.
Prenat Diagn. 2005 Oct;25(10):894-900. [Abstract] Full Text

8. **Fiorentino F., Kahraman S., Karadayi H., Biricik A., Sertyel S., Karlıkaya G., Saglam Y., Nuccitelli A. and Baldi M.**
Short tandem repeats haplotyping of the HLA region in preimplatation HLA matching
Eur J Hum Genet. (2005) 13: 953-958. [Abstract] Full Text

9. **Guercini F, Pajoncini C, Bard R, Fiorentino F, Bini V, Costantini E, Porena M.**
Echoguided drug infiltration in chronic prostatitis: results of a multi-centre study
Arch Ital Urol Androl. 2005 Jun;77(2):87-92. [Abstract] Full Text

10. **Biroccio A, Benassi B, Fiorentino F, Zupi G.**
Glutathione Depletion Induced by c-Myc Down-regulation Triggers the Apoptotic Pathway Upon Treatment with Alkylating Agents
Neoplasia 2004 May-Jun;6(3):195-206. [Abstract] Full Text

11. **Fiorentino F., Biricik A., Karadayi H., Berkil H., Karlıkaya G., Sertyel S., Nuccitelli A., Podini D. , Baldi M., Magli MC. , Gianaroli L. and Kahraman S.**
Development and clinical application of a strategy for PGD of single gene disorders combined with HLA matching
Mol. Hum. Reprod. 2004 10: 445-460 [Abstract] Full Text

12. **Iacobelli M, Greco E, Rienzi L, Ubaldi F, Podini D, Nuccitelli A, Tesarik J, Baldi M and Fiorentino F**
Birth of a healthy female after preimplantation genetic diagnosis for Charcot-Marie-Tooth type X
Reprod Biomed Online. 2003 Nov;7(5):558-562 [Abstract] Full Text

13. **Gianaroli L, Magli MC, Fiorentino F, Baldi M, Ferraretti AP**
Clinical value of preimplantation genetic diagnosis
Placenta. 2003 Oct;24 Suppl B:S77-83 [Abstract] Full Text

14. **F.Fiorentino, M.C.Magli, D.Podini, A.P.Ferraretti, A.Nuccitelli, N.Vitale, M.Baldi and L.Gianaroli**
The minisequencing method: an alternative strategy for preimplantation genetic diagnosis of single gene disorders
Molecular Human Reproduction 2003 Jul;9(7):399-410 [Abstract] Full Text

Presentations to Internationals Meetings

1. **Rapid protocol for preconception genetic diagnosis of single gene mutations by first polar body analysis: a possible solution for the Italian patients**
july 2007
ESHRE Meeting 2007 - Lyon **Full Text**

2. **Novel strategies for genetic screening of embryos**
23.06.2006
Tampa - USA **Full Text**

3. **Comparison of the results of preimplantation genetic diagnosis for single gene disorders combined with or without HLA typing**
ESHRE annual Meeting Prague
18-21 June 2006 **Full Text**

4. **Application of Microarray Technology in prenatal diagnosis**
Diagnosi Prenatale 2005: dalla biologia molecolare alla clinica - Università "La Sapienza"
21 October 2005 **Full Text**

5. **PREIMPLANTATION GENETIC DIAGNOSIS FOR SINGLE GENE DISORDERS: STRATEGIES AND RESULTS AFTER FIVE YEARS' EXPERIENCE**
American Society for Reproductive Medicine (ASRM) 61st Annual Meeting Montreal, Quebec, Canada
October 15-19, 2005 **Full Text** **Comunicazione**

6. **Experience On Preimplatation Genetic Diagnisis Combined With HLA Matching**
American Society for Reproductive Medicine (ASRM) 61st Annual Meeting Montreal, Quebec, Canada
October 15-19, 2005 **Full Text** **Comunicazione**

7. **Experience on Preimplantation Genetic Diagnosis of Single Gene Disorders and Preimplantation HLA Typing in Turkey**
American Society for Reproductive Medicine (ASRM) 61st Annual Meeting Montreal, Quebec, Canada
October 15-19, 2005 **Full Text**

8. **Expanding Indications of Preimplantation Genetic Diagnosis**
AEEDC 2005 Dubai United Emirates
10-13 september 2005

9. **Prenatal Diagnosis of Single Gene Defects**
AEEDC 2005 Dubai United Emirates
10-13 september 2005

10. **Preimplatation Genetic Diagnisis of single gene disorders combined with HLA Matching**
AEEDC 2005 Dubai United Emirates
10-13 september 2005 **Full Text**

11. **Preimplatation HLA Matching**
first International Congress of the Jordanian Society for Fertility and Genetics - Amman - Jordan
7-9 september 2005 **Full Text**

12. **Preimplantation genetic diagnosis of single gene disorders**
first International Congress of the Jordanian Society for Fertility and Genetics - Amman - Jordan
7-9 september 2005 **Full Text**

13. **Preimplantation Genetic Diagnosis of single gene disorders combined with HLA matching**
Royan Institute congress Tehran - IRAN
7-9 September 2005 **Full Text**

14. **Expanding indications in preimplantation genetic diagnosis**
Royan Institute congress Tehran - IRAN
7-9 September 2005

15. **HLA typing on human preimplantation embryos: the European experience**
Valencia Spain 2005 **Full Text**

16. **Experience On Preimplatation Genetic Diagnisis Combined With HLA Matching**
ESHRE 2005 Copenhagen
19-22 June 2005 **Full Text**

17. **Strategies And Outcomes Of Over 200 Cycles Of Preimplantation Genetic Diagnosis For Single Gene Disorders**
ESHRE 2005 Copenhagen
19-22 June 2005 **Full Text**

18. **Strategies And Outcomes Of Over 200 Cycles Of Preimplantation Genetic Diagnosis For Single Gene Disorders**
13th World Congress on In Vitro Fertilization, Assisted Reproduction & Genetics, Istanbul 2005
Istanbul, Turkey, May 26 - 29, 2005

19. **Experience On Preimplatation Genetic Diagnisis Combined With Hla Matching**
13th World Congress on In Vitro Fertilization, Assisted Reproduction & Genetics - Istanbul 2005
Istanbul, Turkey, May 26 - 29, 2005 **Full Text**

20. **Experience on PGD Combined with HLA Matching**
6^ International Symposium on Preimplantation Genetics - London 2005
19-23 May 2005 **Full Text**

21. **PREIMPLANTATION GENETIC DIAGNOSIS FOR SINGLE GENE DISORDERS: OUTCOMES OF OVER 200 CYCLES**
6^ International Symposium on Preimplantation Genetics - London 2005
19-23 May 2005

22. **Strategies And Outcomes Of Over 200 Cycles Of Preimplantation Genetic Diagnosis For Single Gene Disorders**
European Human Genetics Conference 2005 Prague
7-10th May 2005

23. **Short tandem repeats haplotyping of the HLA region in preimplatation HLA matching**
European Human Genetics Conference 2005 Prague
7-10th May 2005 **Full Text**

24. **Clinical Aspects of Preimplantation Genetic Diagnosis of Single Gene Disorders Combined with HLA matching**
60th Annual Meeting American Society for Reproductive Medicine (ASRM) 2004
Philadelphia October 16-20, 2004 **Full Text**

25. **Diagnosi genetica pre-impianto e PMA**
1^ SIOS Congress - Reggio Emilia - 2004
Reggio Emilia - 2004 **Full Text**

26. **Preimplantation genetic diagnosis of single gene disorders combined with HLA matching**
Vth Indian Congress on Gynecological Endoscopy, Infertility & Art 2004
25-28 November 2004 - Khajuraho, India **Full Text**

27. **Preimplantation Genetic Diagnosis (PGD) for B Thalassemia with or without HLA typing**
60th Annual Meeting American Society for Reproductive Medicine (ASRM) 2004
Philadelphia October 16-20, 2004 **Full Text**

28. **Preimplantation Genetic Diagnosis for single gene disorders combined with HLA matching**
60th Annual Meeting American Society for Reproductive Medicine (ASRM) 2004
Philadelphia October 16-20, 2004 **Full Text**

29. **Application of HLA STRs haplotyping in preimplatation HLA matching**
60th Annual Meeting American Society for Reproductive Medicine (ASRM) 2004
Philadelphia October 16-20, 2004 **Full Text** **Comunicazione**

30. **Preimplantation Genetic Diagnosis Of Single Gene Disorders Combined With Hla Matching**
1st BALKAN CONGRESS OF REPRODUCTIVE MEDICINE Thessaloniki (Greece) 2004
Thessaloniki (Greece) - 24 to 26 September 2004 **Full Text**

31. **Prenatal Diagnosis of Single Gene Disorders**
12th International Conference on Prenatal Diagnosis and Therapy 2004
Budapest, Hungary, June 24-27, 2004

32. **Development and clinical application of a strategy for PGD of single gene disorders combined with HLA matching**
ESHRE annual Meeting Berlin june 2004
Berlin june 2004 **Full Text** **Comunicazione**

33. **Multiplex PCR of polymorphic markers flanking the CYP21 gene as a general approach for preimplantation genetic diagnosis of 21-hydroxylase deficiency**
ESHRE annual Meeting Berlin june 2004
Berlin june 2004 **Full Text** **Comunicazione**

34. **Preimplantation genetic diagnosis of single gene disorders**
National Genetic Congress 2004
Antalya - Turkey - 21-24 April 2004 **Full Text**

35. **Work up and technical aspects of preimplantation genetic diagnosis of β-thalassemia combined with HLA matching**
International Thalassaemia and the Haemoglobinopathies Summer School 2004
Antalya - Turkey - 21-24 April 2004 **Full Text**

36. **Development and clinical application of a strategy for PGD of single gene disorders combined with HLA matching**
Advances in the diagnosis and treatment of thalassaemia. STEM-CELL TRANSPLANTATION AND PREIMPLANTATION HLA TYPING - 2004
Cyprus 27 – 28 March 2004 **Full Text**

37. **Development and clinical application of a strategy for PGD of single gene disorders combined with HLA matching**
PGD: A genetic odissey - December 2003
Brussels - Belgium **Full Text**

38. **DEVELOPMENT AND CLINICAL APPLICATION OF A STRATEGY FOR PGD OF BETA THALASSEMIA COMBINED WITH HLA MATCHING**
9th International conference on Thalassaemia and the Haemoglobinopathies - October 2003
Palermo - ITALY **Full Text**

39. **La Quantitative Fluorescent Polymerase Chain Reaction (QF-PCR)**
Meeting SIGO - October 2003
Catania - Italy **Full Text**

40. **MINISEQUENCING: UNA STRATEGIA ALTERNATIVA APPLICABILE ALLA DIAGNOSI GENETICA PREIMPIANTO DI MALATTIE MONOGENICHE.**
Meeting SIGU - October 2003
VERONA - ITALY **Full Text**

41. **Minisequencing: an alternative strategy for PGD of single gene disorders**
ESHRE Meeting june 2003
Madrid (Spain) **Full Text** **Comunicazione**

42. **IDENTIFICATION OF A NEW MUTATION IN RB1 GENE AND ITS PREIMPLANTATION GENETIC DIAGNOSIS (PGD) BY APPLICATION OF THE**
II^ Meeting Society of Molecular Pathology - 2003
PISA - ITALY **Full Text**

43. **Diagnosi genetica pre-impianto: nuove possibilità diagnostiche**
Congresso SIFES - 2003
Full Text

44. **Pregnancy after preimplantation genetic diagnosis for Charcot-Marie-Tooth Neuropathy Type X**
ESHRE Meeting june 2003
Madrid (Spain) **Full Text**

45. **Preliminary data on the development of an alternative strategy for PGD of single gene disorders combined with HLA matching**
5^ International Symposium on Preimplantation Genetics - June 2003
Antalya - Turkey **Full Text**

46. **STUDIO PRELIMINARE DI 15 LOCI STR SU DI UN CAMPIONE DI SOGGETTI SOMALI INSERITO IN UN PROGRAMMA INTERNAZIONALE DI RICONGIUNGIMENTO FAMILIARE.**
Meeting GEFI - 2003
VERONA - ITALY **Full Text**

47. **Pregnancy after preimplantation genetic diagnosis for Holt Oram Syndrome (HOS)**
PGD: A genetic odissey - December 2003
Brussels - Belgium **Full Text**

48. **ANALISI AUTOMATIZZATA DELLE MICRODELEZIONI DEL CROMOSOMA Y MEDIANTE ELETTROFORESI CAPILLARE FLUORESCENTE**
November 2001
Meeting SIGU - Orvieto - ITALY **Full Text**

49. **RECETTORE ANDROGENICO (AR): IDENTIFICAZIONE DI UNA NUOVA MUTAZIONE IN UNA PAZIENTE ITALIANA**
Meeting SIGU - November 2001
Orvieto - ITALY **Full Text**

50. **APPLICAZIONE DELLA METODICA DEL "MINISEQUENCING" ALLO STUDIO DI MUTAZIONI E POLIMORFISMI GENICI, RESPONSABILI DI PATOLOGIE TROMBOEMBOLICHE, IN PAZIENTI CON ANAMNESI POSITIVA PER ABORTIVITA'**
Meeting SIGU - November 2001
Orvieto - ITALY **Full Text**

51. **Preimplantation Genetic Diagnosis (PGD): application of the Minisequencing method**
4^ International Symposium on Preimplantation Genetics - April 2002
Limassol - Cyprus **Full Text**

52. **Preimplantation genetic diagnosis (PGD) for single gene disorders: experience of 55 cases**
I^ Meeting of Mediterranean Society of Reproductive Medicine - 2002
Taormina - ITALY **Full Text**