The 14th Congress of the International Society Twin Studies (ISTS)
Dear friends and colleagues,

It is with honor that I welcome you to the 14th World Congress on Twin Studies - The biology, genetics, clinical challenges and uniqueness of twin gestations. This meeting will be held in conjunction with the 14th Congress of the International Society of Twin Studies (ISTS) in Florence, Italy on April 1-4, 2012. The 14th World Congress follows the first edition held in Venice Italy, on April 14-16, 2009. Three years after the success of that first experience, and the time in a joint effort with our colleagues of the International Society of Twin Studies, we decided to propose a high profile programme appealing to anyone interested in the field of research of multiple pregnancies, which comprises a broad spectrum of medical specialties interested to study twins as an evolutionary and epigenetic model and to understand the genesis of many pathologies, especially neurological and oncological. The programme prepared in agreement with the International and National Scientific Committees and our colleagues of the International Society of Twin Studies, aims to offer a comprehensive view of all these aspects, in a multidisciplinary approach. As you might notice, topics are particularly challenging and the International Faculty is represented by world-wide known experts of the field. A scientific programme of this level could not find a better venue to be held in than the cradle of Humanistic Culture, Florence, where besides the exchange of scientific knowledge, participants will be guided in a cultural tour of key historical places and will enjoy social activities which only Florence can offer.

I am delighted that you will take part to this important event, to exchange knowledge, meet experts in the field, and share with friends a unforgettable experience in one of the most beautiful cities in the world. With best personal regards.

Tim Spector

Gian Carlo Di Renzo

HONORARY PRESIDENTS
Louis Keith, USA
Isaac Blickstein, Israel
Nils C.B. Lambalk, NL

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Gerard H.A. Visser, NL
Nick Martin, Australia
Dorret Boomsma, NL
Anja Pinborg, NL
Harold Snieder, NL
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Sunday April 1, 2012

**CONGRESS VENUE**
**GRAND HOTEL MEDITERRANEO, FLORENCE**

**EUROPA HALL**
13.30 pm - 16.30 pm
**PRECONGRESS COURSE 1**
Biological twinning (Bulmer symposia)
Chairpersons:
Nils Lambalk, NL - Catherine Derom, Belgium
The genetics of multiple gestation: how, why and when
Catherine Derom, Belgium
The genetics of dizygotic twinning
Grant Montgomery, Australia
The genetics of monozygotic twinning
Bruno Reversade, Singapore
The biology of multiple implantation in twinning
Nils Lambalk, NL
Perinatal reproductive endocrinology in twins
Ester Kuiper, NL
Folic acid supplementation before conception and chance of a twin pregnancy: preliminary results from an Italian case-control study
S. Brescianini, R. Cotichini, L. Nistico, V. Madrigali, L. Serino, C. D’Ippolito, V. Toccaceli, A. Magrelli, P. Ghirri, M.A. Stazi, Italy

**ASIA HALL**
13.30 pm - 16.30 pm
**PRECONGRESS COURSE 2**
Twin monitoring during pregnancy and labour
Chairpersons:
Gerard H.A. Visser, NL - Andrea L. Tranquilli, Italy
Carbohydrate intolerance in twins
Yariv Yogev, Israel
Outpatient management
Liesbeth Lewi, Belgium
The standard antepartum care of twin gestations: NICE guidelines UK
Jane Denton, UK
Antenatal assessment of fetal condition in discordant twins
Gerard H.A. Visser, NL
Fetal behaviour and heart rate patterns in twins
Iva Tendais, Portugal

**AFRICA HALL**
13.30 pm - 16.30 pm
**PRECONGRESS COURSE 3**
ICOMBO: The Multiple Birth Association Studies
Chairperson: Kimberley A. Weatherall, Canada
Movement for multiples
P. Preedy, UK
The power of numbers - research can make a difference
T. Gillis, USA
Twins school placement: development perspectives
H. Birkholm-Buch, Denmark
Good beginning to parenting multiples project (2009-2011)
M. Kalliovaara, Finland
Assessing teacher knowledge of twins & multiples
J. Mascazine, S. Griffith, USA
Reducing Canada's reproductive technology - Related multiple births: Multiple births Canada's role
Kimberley A. Weatherall, Canada
Putting research into practice: What works for healthy multiple pregnancies
Barbara Luke, USA
Twins: Some love them, some hate them
Alessandra Piontelli, Italy

**GIARDINO D’INVERNO HALL**
13.30 pm - 16.30 pm
**PRECONGRESS COURSE 4**
How to set up a Twin Center
Chairperson: Jan Deprest, Belgium
Implementing a fetoscopic laser unit
Jan Deprest, Belgium
Fetoscopic laser ablation for TTTS
Mark Kilby, UK
Eight or ten? Not a matter of opinion
Ruben Quintero, Effichia Kontopoulou, USA

(*) Please note that sessions or lectures marked with the symbol * are not included in the CME Accreditation of the Italian Ministry of Health. They are not part of CME Scientific Program and are completely separate from the Italian CME Program (ECM and AGENAS Program).
Sunday April 1, 2012
CONGRESS VENUE
SALONE DEI CINQUECENTO
PALAZZO VECCHIO, FLORENCE

18.00 pm - 19.30 pm
Opening Ceremony

OPENING SESSION
Authorities, Officers
Chairpersons: Gian Carlo Di Renzo, Italy - Tim Spector, UK

Remarks from the Honorary Presidents:
Louis Keith, USA - Isaac Blickstein, Israel - Nils Lambalk, NL

The Birth of ISTS
Paolo Parisi, Italy

Opening lecture:
The Story of God: twin studies on religion
Lord Robert Winston, UK

20.00 pm - 21.30 pm
Welcome Reception

Monday April 2, 2012
Morning
CONGRESS VENUE
GRAND HOTEL MEDITERRANEO, FLORENCE

DEGLI OCEANI HALL
8.30 am - 9.30 am
SESSION 1A: Preconceptional aspects of multiple pregnancy
Chairpersons: Gian Franco Scarselli, Italy - Lail Sichinava, Russia

ART vs. spontaneous conception of twins
Tuilla Todros, Italy

Reducing iatrogenic twinning: the UK experience
Jane Denton, UK

The effect of fetal loss on pregnancy outcome: Lessons from assisted reproductive technology
Barbara Luke, USA

Monozygotic twinning after ART
Anja Pinborg, Denmark

DEGLI OCEANI HALL
9.30 am - 10.00 am
KEYNOTE LECTURE
"Systems Biology and Twin studies"
Gert Van Ommen, NL

Chairperson: Dorret Boomsma, NL

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Monday April 2, 2012

Morning

EUROPA HALL
8.30 am - 9.30 am
SESSION 1B: Cerebral palsy in twins
Chairpersons: Isaac Blickstein, Israel - Virgilio Carnielli, Italy
Chorionicity and cerebral palsy
Isaac Blickstein, Israel
Is cerebral palsy in babies resulting from ART related to twinning?
Dan Farine, Canada
The different origin of cerebral palsy in twins
Maria Rosaria Di Tommaso, Italy
Cerebral palsy in multiples - can we detect it antenatally?
Asim Kurjak, Croatia

DELLE AMERICHE HALL
8.30 am - 09.30 am
SESSION 1C: Twinning rates: new findings and current trends
Chairperson: Nancy Segal, USA
Twinning across the developing world
G.J. Smits, C. Monden, NL, UK
Time trends in the natural dizygotic twinning rate
C. Derom, M. Gieelen, H. Peeters, J.P. Frijns, M. Zeegers, UK, Belgium
Twinning rates in the nordic countries
A. Skytte, Denmark

EXHIBITION AREA
10.00 am - 10.30 am
COFFEE BREAK, POSTER VIEWING

DEGLI OCEANI HALL
10.30 am - 12.30 am
PARALLEL SESSION 2A: Obstetrical issues in twin pregnancy (I)
Chairpersons: Raul Artal, USA - Tullia Todros, Italy
Diagnosis of multiple gestation: emphasis on assessment of chorionicity and its implications
Corinne Hubimont, Belgium
The placenta in multiple gestations
Liesbeth Lewi, Belgium
Weight gain in twin pregnancy
Raul Artal, USA
Carbohydrate metabolism in multiple gestations
Moshe Hod, Israel
Echocardiography in twin gestations
Nicky Manning, UK
Ethical challenges in the management of multiple gestations
Frank A. Chervenak, USA

DEGLI OCEANI HALL
10.30 am - 12.30 am
PARALLEL SESSION 2B: Genetic epidemiology: Aging and twins
Chairpersons: Nancy Pedersen, Sweden - Kaare Christensen, Denmark
Mitochondria copy number in peripheral blood is a biomarker of aging in Danish twins
J. Mengel-From, M. Thinggaard, C. Dalgard, K.O. Kyvik, K. Christensen, L. Christiansen, Denmark
Cognitive ageing in women using a computerised battery: a longitudinal quantitative genetic twin study
C. Steves, S. Jackson, T. Spector, UK
Medical and health correlates of discordance in cognitive performance between elderly twins: preliminary findings from the older Australian twins study
Spine curvature is heritable and associated with disc degeneration

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Hearing ability with age - A twin study
L.E. Wolber, F.M.K. Williams, C.J. Steves, T.D. Spector, UK

Heritability for cause specific mortality based on twins studies
T.H. Scheike, K.K. Holst, J.B. Hjemlorg, Denmark

EXHIBITION AREA
12.30 am - 13.30 pm
BREATH, POSTER VIEWING

12.30 am - 13.30 pm
ISTS Board Meeting

Monday April 2, 2012
Afternoon

DEGLI OCEANI HALL
13.30 pm - 15.30 pm
PARALLEL SESSION 3A: Obstetrical issues in twin pregnancy (II)
Chairpersons: Peter Soothill, UK - Anton Mikhailov, Russia
Twin pregnancy and loss (including vanishing twins)
Giovanni B. La Sala, Italy - Isaac Blickstein, Israel
The UK approach to screening for chromosomal abnormalities in twin pregnancies
Peter Soothill, UK
Multi-fetal reduction
Aris Antsaklis, Greece
Invasive prenatal diagnosis in twins
Giovanni Monni, Italy
Fetal growth disorders in twins
Eduard Gratacos, Spain
Single twin demise and its consequences
Mark Kilby, UK
Monochorionic twins discordant for anomalies
Eftichia Kontopoulos, USA

DELL'AMERICHE HALL
13.10 pm - 15.30 pm
PARALLEL SESSION 3B: Epidemiology and outcome of multiple pregnancies
Chairpersons: Anja Pingborg, Denmark - Regina Tortoli, Brazil
Rates of multiple pregnancies per region and country
Joshua Vogel, Mario Merlaldi, WHO Switzerland
Evaluation of multiple pregnancy outcomes: the Nordic database
Anna Karina Henningsen, Denmark
Epidemiology of mono- and dichorionic twins
Dan Farine, Canada
The changing pattern of multiple births in the United States
Barbara Luke, USA
Rates of maternal and perinatal mortality and severe morbidity in multiple vs. singleton pregnancies
Joshua Vogel, Mario Merlaldi, WHO Switzerland
Risk of stillbirth near term in mono- and dichorionic twins
Basky Thilaganathan, UK

TAVERNA HALL
13.30 pm - 15.30 pm
PARALLEL SESSION 3C: Genetics of complex disease
Chairperson: Nick Martin, Australia
Transcriptomics and lipidomics of adipose tissue in obesity-discordant monozygotic twins
Kirsi Pietilainen, Finland
Results of twin studies confirmed by DNA studies
Robert Plomin, UK
Inference about causation from examination of familial confounding: application to sibship data on infantile eczema and childhood hay fever and/or asthma
J. Hopper, B. Erbas, Q. Bui, M. Matheson, L. Gunn, J. Burgess, A. Lowe, M. Jenkins, M. Abramson, H. Walters, G. Giles, S. Dharmage, Australia
Heritability of salt intake using half-day urine samples: the healthy twin study
M. Kho, Y.M. Song, K. Lee, J. Sung, Korea

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The occurrence anti-citrullinated protein auto antibodies in rheumatoid arthritis discordant twin pairs
A.J. Svendsen, K.O. Kyvik, Denmark

EXHIBITION AREA
15.30 pm - 16.00 pm
TEA BREAK, POSTER VIEWING

TAVERNA HALL
16.00 pm - 18.00 pm
PARALLEL SESSION 4A: Neonatal issues in raising twins
Chairpersons: Gianpaolo Donzelli, Italy - Xavier Carbonell-Estrany, Spain
Postnatal care and follow-up
G. Corsello, Italy
Breast feeding twins, triplets and more
Jane Denton, UK
Mono twins are better in stereo: effects of biological maternal sounds on cardiorespiratory and growth outcomes in extremely preterm twins
Amir Lahav, USA
Neurocognitive and brain lesions
Luca Ramenghi, Italy
Fetal motor and postural development in twins
Johanna I.P. De Vries, NL
A twin study of breastfeeding
L. Cibodro-Conde, J.F. Sánchez-Romera, F. Pérez-Riquelme, J.R. Ordoñana, Spain

DELE AMERICHE ROOM
16.00 pm - 18.00 pm
PARALLEL SESSION 4B: Genetic epidemiology of cancer: new insights and opportunities from twin research
Chairpersons: Jaakko Kaprio, Finland - Jennifer R. Harris, Norway
Genetic epidemiology of cancer: new insights and opportunities from twin research
Jennifer R. Harris, Norway - J. Kaprio, Finland

Nordic twin registers as basis for studies of cancer causes and control
400,000 twins, 13 million person-years and 40,000 prospective cancers
E. Pukkala, and the Nortwincan Project, Finland
Unveiling the heritability in cancer: an updated analysis from the Nordic twin registry of cancer
I. Mucci, and the Nortwincan Project, USA
Genetic influence on prostate cancer based on the Nordic twin study of cancer (nortwincan) cohorts
J. Hjelmborg and the Nortwincan Project, Denmark
Progress in understanding the genetics of molinosis and melanoma
Nick Martin, Australia
Cancer and longevity – is there a trade off? A study of co-occurrence in Danish twin pairs born 1900-1918
K. Christensen, J.K. Pedersen, J.V.B. Hjelmborg, J.W. Vaupel, T. Stevnsner, N.V. Holm, A. Skytte, Denmark
Genes and environment in cervical cancer: a classic twin study
S.M. Garland, J.D. Wark, D. Gertig, S.N. Tabrizi, B. Erbas, M. Pitts, M. McCullough, J. Hopper, N. Lieter, J.J. Christie, Australia

DEGLI OCEANI HALL
16.30 pm - 18.00 pm
DOCUMENTARY SESSION: “The lone twin”
Film director: Anna Van der Wee, Belgium
Introduction: Nancy L. Segal, USA
**Tuesday April 3, 2012**

**Morning**

**CONGRESS VENUE**

**GRAND HOTEL MEDITERRANEO, FLORENCE**

**DEGLI OCEANI HALL**

8.30 am - 10.00 am

**SESSION 5: Epigenetics in twins**

Chairpersons: Tim Spector, UK - Gianpaolo Donzelli, Italy

The role of epigenetics in determining behavior
Mike Meany, Canada

Epigenetic studies of a newborn twin cohort: insights into pre- and postnatal development
Jeff Craig, Australia

Epigenetic changes in the brain and their consequences
Jon Mill, UK

**EXHIBITION AREA**

10.00 am - 10.30 am

**COFFEE BREAK, POSTER VIEWING**

**DEGLI OCEANI HALL**

10.30 am - 12.30 am

**PARALLEL SESSION 6A: Obstetrical issues in twin pregnancy (III)**

Chairpersons: Ruben Quintero, USA - Enrico Ferrazzi, Italy

Twin-to-twin Transfusion Syndrome: general overview
Ruben Quintero, USA

The diagnostic criteria for twin-to-twin transfusion syndrome
Ruben Quintero, USA

The staging of twin-to-twin transfusion syndrome – should it be revisited?
Kurt Hecher, Germany

Bipolar cord coagulation in complicated monochorionic pregnancies
Mariangela Rustico, Mariano Matteo Lanna, Italy

**TAVERNNA HALL**

10.30 am - 12.30 am

**PARALLEL SESSION 6B: Use of twins in genetic epidemiology**

Chairpersons: Jacqueline Vink, NL - Mike Neale, USA

Cotinine levels in smokers and non-smokers and their risk for depression
J.M. Vink, G. Willemsen, J. Neuteboom, E. De Geus, D.J. Boomsma, NL

Exploring the genetic and environmental factors underlying the DSM-IV criteria for cannabis use, abuse, and dependence
N.A. Gillespie, K.S. Kendler, M.C. Neale, USA

Neuroimaging phenotypes and nicotine consumption: cause or consequence?
M.C. Neale, E. Prom, C.E. Franz, M.J. Lyons, W. Kremen, USA

Developmental genetic modeling of adolescent smoking
H.H. Maes, E. Prom-Wormley, J. L. Silberg, M.C. Neale, J. S. Eaves, USA

Association between nicotine dependence and major depression: role of dopamine receptor gene variants

Internalizing and externalizing symptoms and alcohol use: a study on adolescent Italian twins
D. Delfino, E. Medda, S. Alviti, A. Arnolfi, M. Ferri, C. D'ippolito, M. Salemi, M.A. Stazi, Italy

Missing heritability: did it ever exist?
J. Hopper, Australia

**EXHIBITION AREA**

12.30 pm - 13.30 pm

**BREAK, POSTER VIEWING**

12.30 pm - 13.30 pm

**ISTS General Meeting**

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Tuesday April 3, 2012

Afternoon

CONGRESS VENUE
GRAND HOTEL MEDITERRANEO, FLORENCE

DEGLI OCEANI HALL
13:30 pm – 16:00 pm
PARALLEL SESSION 7A: Obstetrical issues in twin pregnancy (IV)
Chairpersons: Vincenzo Berghella, USA - Liliana Voto, Argentina
Prediction of preterm delivery in twin gestations
Sonia Hassan, USA
Cervical length assessment in twin pregnancies
Salim Daya, Canada
The value of fetal fibronectin test with women with multiple pregnancies
Gian Carlo Di Renzo, Italy
Supported by Educational Unrestricted Grant of Hologic*

The twin uterus: too irritable, too relaxed
Eduardo da Fonseca, Brazil

ROUND TABLE: Controversies about the preventive use of progesterone
Progesterone prophylaxis in twin pregnancy: a re-evaluation
Fabio Facchietti, Italy

TAVERNA HALL
13:30 pm – 15:30 pm
PARALLEL SESSION 7B: Use of twins in genetic epidemiology: Cardiovascular and metabolic aspects
Chairpersons: Harold Snieder, NL - Matt McGue, USA
Late-life activity and functioning: a study of Danish twins
M. McGue, A. Skytte, I. Christiansen, K. Christensen, Denmark
(Ep)genesics of hypertension and obesity
H. Snieder, NL
The role of genes in autonomic nervous system activity
G. Willemsen, R. Van Ielen, M. Neijts, E. De Geus, NL

Obesity and diabetes: the twin epidemics. Findings from twins studies
K. Pietilainen, Finland

Genetic contribution to food intake and obesity in childhood: the Quebec newborn twin study
L. Dubois, M. Diasparra, Canada

Genetic, environmental and age contributions to carotid intima-media thickness and arterial stiffness in Italian twins
E. Medda, C. Fagnani, Italy

Genetic and environmental factors in associations between consecutive periods of infant growth and adult cardiometabolic risk profile in twins
R. Touwslager, M. Gielen, NL

Genetics of metabolic syndrome persistence
Y. Yang, Y. Song, K. Lee, J. Sung, Korea

Posttraumatic stress disorder, major depression and incidence of coronary heart disease
V. Vegacinaro, A. Shah, C. Rooks, E. Veledar, J. D. Bremner, J. Goldberg, USA

GIARDINO D'INVERNO HALL
13.30 pm - 15.30 pm
PARALLEL SESSION 7C: ICOMBO: Multiple Birth Organization
BUSINESS MEETING
Chairperson: Kimberley Weatherall, Canada

EXHIBITION AREA
15.30 pm - 16.00 pm
TEA BREAK, POSTER VIEWING

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DEGLI OCEANI HALL
16.00 pm - 18.00 pm
PARALLEL SESSION 8A: Obstetrical issues in twin pregnancy (V)
Chairpersons: Gerard H.A. Visser, NL - Tiziana Frusca, Italy

The assessment of neurodevelopment of twins by a new test based on 3D-4D sonography
Asim Kurjak, Croatia
Optimal length of gestation in multiples
Karien E. Hack, NL
Delivery of the term twin: on the threshold of the truth
Jon Barret, Canada
Different outcomes between the first and second twin
Steve Carroll, Ireland
Labour induction of twins
Mike Robson, Ireland
Intrapartum care of twins
Gerard H.A. Visser, NL

AFRICA HALL
16.00 pm - 18.30 pm
PARALLEL SESSION 8B: Social and psychological issues in twin research
Chairpersons: Maria A. Stazi, Italy - Piera Brustia, Italy

Social inequality in health- a discordant twin pair design
K. Christensen, M. Madsen, Denmark

Genetic and environmental bases of the interplay between magical ideation and personality: a general population twin study
P. Brambilla, C. Fagnani, E. Medda, A. Picardi, S. Alviti, A. Amofì, M. Beilani, M.A. Stazi, Italy

Genetic and environmental contributions to long-term sick leave and disability pension - a population based study of young adult Norwegian twins
L.C. Gjerde, G.Ø. Knudsen, Norway

Familial factors influence a premorbid risk of depressive symptoms for the decline of social role
S. Ogata, R. Tomizawa, F. Inui, R. Nishihara, K. Kato, K. Hayakawa, Japan

Life events predict small but extended change in neuroticism
H. Riese, H. Snieder, B. Jeronimus, T. Korhonen, R. Rose, J. Kaprio, J. Ormel, NL, Finland, USA

Personality traits and life dissatisfaction as risk factors for disability pension due to low back diagnoses: a 30-year longitudinal cohort study of Finnish twins
A. Ropponen, P. Svedberg, A. Huunan-Seppälä, K. Koskenvuo, M. Koskenvuo, K. Alexanderson, K. Silventoinen, J. Kaprio, Finland, Sweden

Psychosocial working conditions and risk of disability pension due to mental diagnoses: a prospective twin cohort study
Å. Samuelsson, A. Ropponen, K. Alexanderson, P. Svedberg, Sweden, Finland

A behavioural genetic study of humour styles in an Australian twin sample
L. Veselka, H.M. Baughman, Canada

Association between personality traits and obesity indices: family and co-twin analysis
S. Yang, Y. Yang, J. Kim, Y. Song, K. Lee, J. Sung, Korea

ASIA HALL
16.00 pm - 18.00 pm
PARALLEL SESSION 8C: INTREPID: an International Network of Twin Registries
Chairperson: Dedra Buchwald, USA - Joohon Sung, Korea

AMERICHE HALL
16.00 pm - 18.45 pm
EVENING SESSION: Books, media and twins
Coordinators: David Teplica, USA - Gian Carlo Di Renzo, Italy

Which twin is which: are obstetricians able to correctly label twins?
Basky Thilakanathan, UK

Monozygotic mirroring, anatomic predetermination and refinement of the twin method
David Teplica, USA

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Wednesday April 4, 2012

Morning

CONGRESS VENUE
GRAND HOTEL MEDITERRANEO, FLORENCE

EUROPA E ASIA HALL
8.30 am - 10.30 am
PARALLEL SESSION 9A: Obstetrical issues in twin pregnancy (V)
Chairpersons: Mike Robson, Ireland - Mario Merialdi, Switzerland
Controversies in the mode of the delivery of twins
Mario Merialdi, WHO Switzerland
Vaginal delivery in monochorionic twins: Is it safe?
Teresa Rodrigues, Portugal
Delivery of monochorionic twins – primum non nocere
Jon Barret, Canada
The optimal timing of delivery of monochorionic twins
Rhona Mahony, Ireland
How to avoid unnecessary caesarean delivery in twin gestation
Birgit Arabin, Germany
Post-Partum hemorrhage among mothers of twins
Louis Keith, A. Busjahn, D. Keith and the “Mothers of ICOMBO”, USA

AFRICA HALL
8.30 am - 10.30 am
PARALLEL SESSION 9B: Epigenetic Twin Studies
Chairpersons: Jordana Bell, UK - Robert Lyle, UK
The Epigenomic of placenta
R. Saffery, Australia
Unravelling the determinants of circulating neonatal vitamin D: a twin study
B. Novakovic; A. Chen, J. Craig, R. Saffery; Australia

DELLE AMERICHE HALL
8.00 am - 15.00 pm
Hologic European Perinatal Focus Group Meeting *

EXHIBITION AREA
10.30 am - 11.00 am
COFFEE BREAK, POSTER VIEWING

AFRICA HALL
11.00 am - 13.00 pm
SESSION 10A: Monochorionic twins: further problems?
Chairpersons: Graziano Clerici, Italy - Nuno Montenegro, Portugal
Why are monozygotic twins different?
Alexandra Matias, Portugal
The diagnosis and management of TRAP sequence
Jan Deprest, Belgium
Anemic-polycythemia sequence in monochorionic twins
Lucia Pasqualini, Italy
What can a perinatal cardiologist offer to the management of monochorionic twin pregnancies?
Nicky Manning, UK
Monoamniotic twin management
Vedran Stefanovic, Finland

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EUROPA E ASIA HALL
11.00 am - 11.30 am
Keynote lecture:
The origins of social behaviour
Henrik Cronqvist, USA
Chairperson: Louis Keith, USA

EUROPA E ASIA HALL
11.30 am - 13.00 pm
SESSION 10B: Use of twins in behaviour genetics: Psychiatry and Neuropsychology
Chairperson: Robert Plomin, UK
Studies of brain structure and function of twins: getting closer to the genetics of behavior?
Nick Martin, Australia

Psychological aspects of the parent-child relationship in twins
Leonardo De Pascalis, Marcella Paterlini, Italy

Heritability of diurnal type among Finnish adolescent twins
U. Broms, J.L. Meyers, A.C. Edwards, R.J. Rose, D.M. Dick, J. Kaprio, Finland, USA

A twin study on the relationship between autistic-like traits and personality
C. Fagnani, A. Picardi, Italy

Personality similarity in unrelated look-alike individuals; resolving a twin study challenge
N. Segal, USA

A twin study of psychotropic medication use
F. Rosagro, F. Gonzalez-Javier, E. Carrillo, J. Ordonana, Spain

Alexithymia and trait emotional intelligence: a behavioural genetic investigation
L. Veselka, H.M. Baughman, E. Giammarco, J.A. Schermer, P.A. Vernon, Canada

EUROPA E ASIA HALL
13.00 pm - 13.30 pm
AWARD CEREMONY AND CLOSING REMARKS - TWINS 2015
Gian Carlo Di Renzo, Tim Spector, Nils Lambalk

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General Information

Congress Venue
Grand Hotel Mediterraneo ★★★★
Centro Congressi "Il Globo"
Lungarno del Tempio, 44
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Official Language
English

Registration Desks
Registration Desks are located in the Exhibition Hall and open at 12.00 on April 1\textsuperscript{st} and from 07.30 to 18.30 on April 2\textsuperscript{nd} to April 3\textsuperscript{rd}. On April 4\textsuperscript{th} open desks from 07.45 to 13.30.

Breaks for Delegates
Coffee and tea break are included in the delegate package. Please note that Lunch is not included.

Congress Material
Participants and speakers are kindly requested to wear their name badge during all Congress events including breaks. Please note that the admission to the Congress Meeting Rooms is restricted to the participants wearing their badge.

Certificate of Attendance
Certificate of attendance for Faculty and Delegates can be downloaded from http://www.mcaevents.org/t/01/twins-2012/desc/abstract-form.aspx starting from April 8\textsuperscript{th}.

Poster Session
Accepted abstracts are published on the Official Journal of The International Society for Twin Studies: www.ists.qimr.edu.au which is included in the congress bag. Posters are displayed on the screen in the exhibition area. Authors should upload their poster slide on the pc located in the poster area.

Continuing Medical Education Accreditation
The Joint 2\textsuperscript{nd} World Congress on Twin Pregnancy, a global perspective & The 14\textsuperscript{th} Congress of the International Society Twin Studies (ISTS) has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) for the entire congress. EACCME credits are recognized Europe-wide and in North America can be exchanged for their national equivalent by contacting the national CME authority. Italian CME: ID Number 1307-24570; 11 credits

The Congress was garanteed 18 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

Social Events suggested by the Congress
Sunday April 1\textsuperscript{st}, 2012 at 12.00
Istituto degli Innocenti, Piazza SS Annunziata:
OFFICIAL OPENING OF THE EXHIBITION
"Twins, art and science"
Art Exhibition by David Toplica

Social Events included in the Congress
Sunday April 1\textsuperscript{st}, 2012 at 18.00
Salone Cinquecento, Palazzo Vecchio, Florence:
OPENING CEREMONY AND WELCOME RECEPTION

Organizing Secretariat
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Acknowledgements

Florence
April 1st-4th 2012
GRAND HOTEL MEDITERRANEO
Visit Hologic at Booth 1 during The World Congress on Twin Pregnancies, Florence, 1-4th April 2012

Prof Gian Carlo Di Renzo will be presenting on ‘The Value of The fFN Test in Women with Multiple Pregnancies’ on Tuesday 3rd April (Parallel Session 7A 13:30 - 16:00)

Also exhibiting at The European Congress of Perinatal Medicine, Paris, June 13-16th June 2012.

Fetal Fibronectin is proven to assess the risk of preterm delivery in women who are 22-35 weeks pregnant.

The Rapid fFN 10Q system also reports the fFN concentration (ng/ml) of the sample. Currently, there are no performance data associated with the fFN concentration value displayed with the result at this time.

Implementing Rapid fFN, The Fetal Fibronectin Test for the risk assessment of women with signs and symptoms of preterm labour has demonstrated:

- 99.2% of women with a negative fFN result did NOT deliver within 14 days
- 90% reduction of in-uterro transfers
- 85% reduction in use of corticosteroids
- 84% reduction in hospital costs
- 81% reduction in average hospital stays
- 64% reduction in use of tocolytic therapy

...thus enabling provision of care to those patients most at risk of preterm birth and resulting in more appropriate use of hospital resources

Contact Hologic on:
Email: uk@hologic.com Tel: 00 44 (0)1293 522080 Fax: 00 44 (0)1293 528010 www.ffntest.com

Experience the new Rapid fFN 10Q System for the detection of fetal fibronectin, the best in class solution for assessing the risk of preterm birth.

REFERENCES: