NAME: Utrogestan, Micronized Progesterone soft capsules

ACTIVE INGREDIENTS: Each capsule contains 100 mg or 200 mg micronized Progesterone.

INDICATIONS: Menace of preterm delivery up to 36 week of pregnancy, threatened miscarriage or prevention of habitual miscarriage due to luteal phase deficiency up to the 12th week of pregnancy.

DOSAGE AND METHOD OF ADMINISTRATION: Menace of Preterm Delivery: 400 mg every 6 to 8 hours then 200 mg TID maintenance until week 36. Threatened Abortion and Prevention of Habitual Abortion: 100 mg to 200 mg BID until week 12. Dosing may be oral or vaginal. Maximum dose per intake 400 mg.

COMMON SIDE EFFECTS: Seen in Post-Marketing Experience: Very Common (> 10%): not noted. Common (> 1% and <10%): not noted. Uncommon (>0.1 % and <1%) not noted. Rare (>0.01 % and <0.1 %): not noted. Very rare <0.01 %): nausea, somnolence, transient dizziness, malaise, headache, breast tenderness, non serious and reversible liver abnormalities, visual disturbances, anaphylactic reactions.

CONTRAINDICATIONS: Contraindicated in women with known allergy or hypersensitivity to progesterone or to any of the excipients, (the capsules contain refined arachis oil and should not be used by patients allergic to peanut or tree nuts). It is also contraindicated in women with a history of mammary or genital tract carcinoma, thrombophlebitis, thromboembolic disorders, cerebral haemorrhage, and porphyria.

PRECAUTIONS: See full label for warnings relating to hormone use in HRT patients. Progesterone Capsules are not suitable for use as a contraceptive. Gravidic cholestasis-like syndrome in the trimester of pregnancy, very rare cases of non serious and reversible liver abnormalities (gravidic cholestasis-like) have been reported. Prior to taking hormone (and at regular intervals thereafter) each woman should be assessed and a full examination should include special reference to breast and pelvic organ as well as cervical cytology. Progesterone Capsules should be used cautiously in patients with conditions that might be aggravated by fluid retention (e.g. cardiac disease, renal disease, asthma), and in patients with a history of depression, diabetes, mild to moderate hepatic dysfunction, migraine.

FULL PRESCRIBING INFORMATION: This information does not replace the official SmPC approved in each country please consult the full prescribing information for more details.

CONTACT DETAILS: Besins Healthcare, 283/92 Soi Thonglor 13, Sukhumvit 55 Rd, Home Place Office Bldg., 18th Floor, Klong Ton Nua, Wattana, Bangkok, 10110, Thailand info@besins-healthcare.com

Protecting your future
Natural micronized progesterone provides support for all stages of pregnancy, trusted by physicians for over 30 years.

Welcome to our Twins2014 International Congress in the beautiful city of Budapest.
Once again this is a multi-disciplinary event featuring the finest academic research in twin studies as well as the latest advances in twin pregnancy related clinical problems.
The program this year focuses on the latest developments in the biology and genetics of twinning, pre and perinatal factors and the fast moving field of epigenetics and personalised medicine.
Twins and twin researchers continue to provide the finest cutting edge research and this biannual event is a great occasion to share knowledge and celebrate this unique opportunity.
We hope you enjoy the congress, the fantastic program – and the city!

G. C. Di Renzo  R. Quintero  T. Spector

www.besins-healthcare.com
ORGANIZING COMMITTEE

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M. Bartels, The Netherlands
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J. Denton, UK

Local Organizing Committee
L. Littvay
Z. Papp
A. Tarnoki
D. Tarnoki

Sunday, November 16th

10:30 - 13:00
BARCELONA HALL
PRECONGRESS COURSE 1: Monitoring during pregnancy and labour
Coordinator: G. H. A. Visser, The Netherlands
Discussants:
The first trimester scan
K. Bilardo, The Netherlands
Dichorionic twins; monitoring during pregnancy
G. H. A. Visser, The Netherlands
Selective IUGR in monochorionic twin
G. H. A. Visser, The Netherlands
How to manage triplets and higher order multiples
Y. Yogev, Israel
Monitoring during labour
G. H. A. Visser, The Netherlands

10:30 - 13:00
SEVILLA HALL
PRECONGRESS COURSE 2: Twin management - terminology: a consensus conference
Coordinator: R. Quintero, USA
The purpose of the course is to discuss and make recommendations on terminology of normal and complicated twin/multiple gestations:
• Taxonomy of twins
• Definition of twin-twin transfusion syndrome and its complications
• Staging of twin-twin transfusion syndrome
• Definition of laser surgical techniques
• Definition of selective intrauterine growth restriction
• Classification of selective intrauterine growth restriction
• Definition of twin-anemia-polycythaemia syndrome
• Staging of twin-anemia-polycythaemia syndrome
• Discordant anomalous twins

Discussants:
D. Oepkes, The Netherlands
H. Muñoz, Chile
F. Slaghekke, The Netherlands
E. Kontopoulos, USA
G. Clerici, Italy
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Location</th>
<th>Coordinator</th>
<th>Support</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 - 16:15</td>
<td>CORDOBA HALL: PRECONGRESS COURSE 3: Advanced course on epigenetics and twinning</td>
<td>CORDOBA HALL</td>
<td>T. Spector, United Kingdom</td>
<td>EpiTrain</td>
<td>Supported by EpiTrain.</td>
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<tr>
<td>10:00 - 10:10</td>
<td>Welcome by Professor T. Spector, United Kingdom</td>
<td>CORDOBA HALL</td>
<td>T. Spector, United Kingdom</td>
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<tr>
<td>10:10 - 10:40</td>
<td>Session 1 - Epigenetics: the challenges and an example</td>
<td>CORDOBA HALL</td>
<td>T. Murphy, United Kingdom</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Epigenetics in young twins</td>
<td>CORDOBA HALL</td>
<td>R. Saffery, Australia</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Epigenetics in autoimmune disease</td>
<td>CORDOBA HALL</td>
<td>R. Lyle, Norway</td>
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<tr>
<td>11:20 - 11:50</td>
<td>BREAK - POSTER PRESENTATION</td>
<td>CORDOBA HALL</td>
<td>J. Craig, Australia</td>
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<tr>
<td>11:50 - 12:10</td>
<td>Session 2 - True concordance of diabetes in twins</td>
<td>CORDOBA HALL</td>
<td>K. Piestalinen, Finland</td>
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<tr>
<td>12:10 - 12:30</td>
<td>Epigenetics in the Hunger Winter Families Study</td>
<td>CORDOBA HALL</td>
<td>B. Heijmans, The Netherlands</td>
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<tr>
<td>12:30 - 13:50</td>
<td>Session 3 - Epigenetics of mental health disease</td>
<td>CORDOBA HALL</td>
<td>T. Murphy, United Kingdom</td>
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<tr>
<td>13:00 - 15:30</td>
<td>PRECONGRESS COURSE 4: A workshop on how to effectively manage a national multiple birth organisation (for ICOMBO members)</td>
<td>PARK 1 HALL</td>
<td>M. Rankin, Australia</td>
<td></td>
<td>An opportunity for ICOMBO members to share and learn about how to effectively manage their organisations. Topics to be discussed include how to attract and retain members, how to generate funds for their organisation, and clever ways to share and store information in the 21st century.</td>
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<tr>
<td>14:00 - 14:20</td>
<td>Session 4 - EUrodiscotwin - the use of the discordant twin pair model</td>
<td>PARK 1 HALL</td>
<td>T. Spector, United Kingdom</td>
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<tr>
<td>15:00 - 15:15</td>
<td>Keynote Lecture - Causal modeling and twins</td>
<td>PARK 1 HALL</td>
<td>G. Davey Smith, USA</td>
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<tr>
<td>15:30 - 15:45</td>
<td>Closing remarks</td>
<td>PARK 1 HALL</td>
<td>T. Spector, United Kingdom</td>
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<tr>
<td>15:45 - 17:45</td>
<td>PARK 1 HALL: ICOMBO BOARD MEETING</td>
<td>PARK 1 HALL</td>
<td>G. Willemsen, The Netherlands</td>
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<tr>
<td>18:00 - 21:30</td>
<td>OPENING CEREMONY &amp; WELCOME RECEPTION</td>
<td>BOLERO HALL</td>
<td>G. C. Di Renzo, Italy; R. Quintero, USA; T. Spector, United Kingdom</td>
<td></td>
<td>Opening lecture: Twins in history and art D. Lippi, Italy.</td>
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</tbody>
</table>
Monday, November 17th

08:30 - 09:30 BOLERO HALL
PARALLEL SESSION 1A: Preconceptional aspects of multiple pregnancy - How to avoid multiples in PMA

S. Daya, Canada

PMA and multiple pregnancy. How to improve perinatal outcome
A. Antsaklis, Greece

Epidemiology of twin pregnancy in our environment (short communication)
A. Herrera Muñoz, Spain

Conception mode: influence on first trimester maternal serum markers free β-HCG and PAPP-a used for aneuploidy screening in twin pregnancies (short communication)
I.H. Linskens, The Netherlands

08:30 - 09:30 CORDOBA HALL
PARALLEL SESSION 1B: International Twin Studies of Cooperation, Competition and Altruism

K. Yirmiya, Israel

Twin studies of tacit coordination: new findings in an adolescent and adult sample
N. Segal, USA

MOVIE: Quintuplets
K. Vitkova Rulikova, Czech Republic

09:30 - 10:00 BOLERO HALL
KEYNOTE LECTURE
introduced by I. Blickstein, Israel

Mendelian randomization and beyond: strengthening causal inference in epidemiological and omic sciences
G. Davey-Smith, United Kingdom

10:00 - 10:30 COFFEE BREAK & POSTER VIEWING

10:30 - 12:30 BOLERO HALL
PARALLEL SESSION 2A: Obstetrical issues in twin pregnancy (I): prenatal non invasive and invasive testing

G. Monni, Italy

NIPT in twins: fetal cell-free DNA fraction and aneuploidy assessment
T. Musci, USA

Non invasive twin zygosity assessment and aneuploidy detection by maternal plasma DNA sequencing
T.Y. Leung, Hong Kong

10:30 - 12:30 CORDOBA HALL
PARALLEL SESSION 2B: Wellbeing

M. Bartels, The Netherlands

An overview of twin-family and molecular genetic studies into wellbeing
M. Bartels, The Netherlands

Overlap between Wellbeing and Mental Illness throughout the life span
R. Baselmans, The Netherlands

The Glass is Half Full and Half Empty: optimism and pessimism as distinct systems with multiple biological influences
T. Bates, United Kingdom

Genetic and Environmental influences on subjective well-being inventory in Japanese Adults
K. Ohura, Japan

Genes, personality and life satisfaction
E. Raysamb, Norway

Life satisfaction and work absenteeism – a discordant twin analysis
R.E. Orlstavik, Norway

Sense of coherence and subjective well-beings in middle aged population
R. Tomizawa, Japan

Psychoactive medication in a population-based twin sample. Use and relationship with well-being
J. R. Ordoñana, Spain
12:30 - 13:30 LUNCH BREAK & POSTER VIEWING

13:30 - 15:30 BOLERO HALL
PARALLEL SESSION 3A: Obstetrical issues in twin pregnancy (II): prematurity
Coordinators: R. Romero USA - H. Muñoz, Chile
Cervical screening: which cut-off for twins?
S. Hassan, USA
Cervix in twin pregnancy: the Chilean experience
H. Muñoz, Chile
Progestogens and twins: do they work on the prevention of preterm birth and neonatal morbidity?
R. Romero, USA
Cerclage vs. other methods to prevent twins preterm birth
E. Borges da Fonseca, Brazil
The pessary and twins preterm birth prevention
L. Cabero Roura, Spain
Arabin cervical pessary to prevent preterm birth in twin pregnancies with short cervix (short communication)
S. Arduino, Italy
Role of a glucocorticoid dose after the administration of a complete course with two doses for fetal lung maturation in twin pregnancies (short communication)
V. T. Diago Almela, Spain

13:30 - 15:30 CORDOBA HALL
PARALLEL SESSION 3B: Cancer and Multiple birth
Coordinators: N. Lambalk, The Netherlands - J. Harris, Norway
Increased breast cancer risk after a multiple pregnancy in IVF-treated women: a nationwide Dutch cohort study
F. Van Leeuwen, The Netherlands
Cancer risk in opposite-sexed twins
L. Ahrenfeldt, Denmark
Australian twin and family studies of mammographic density and breast cancer: insights into early-life risk factors
J. L. Hopper, Australia
20 years of studying melanoma risk factors in Queensland twins
N. Martin, Australia
Methods for studying heritability of cancer diagnosis using twins
S. Molleå, Denmark
Heritability and familial risk of cancer in the Nordic Twin Cohorts
L. A. Mucci, USA

15:30 - 16:00 COFFEE BREAK & POSTER VIEWING

16:00 - 18:00 BOLERO HALL
PARALLEL SESSION 4A: Neonatal issues in raising twins
Coordinators: L. Zimmermann, The Netherlands - G. Donzelli, Italy
Intergenerational effect of preterm birth and small-for-gestational-age among twins and singletons (short communication)
M. Bladh, Sweden
Demise of the leading twin is an independent risk factor for early preterm birth (short communication)
B. Hamou, Israel
Long term follow up of complicated monochorionic twins, TTTS, TAPS and selective IUGR
E. Lopriore, The Netherlands
The twins brain: what do they risk?
M. Fumagalli, Italy
Long-term neurologic outcome of children born after randomisation for the Solomon trial (short communication)
J. M. M. van Klink, The Netherlands
Respiratory outcome of twins
L. Zimmermann, The Netherlands

16:00 - 18:00 CORDOBA HALL
PARALLEL SESSION 4B: Addiction
Coordinator: J. Vink, The Netherlands
The Neuregulin signalling pathway in addictions
A. Loukola, Finland
The genetic landscape of Cannabis Use: a meta-analysis including over 27,000 subjects
J. Vink, The Netherlands
The genetics basis of Cotinine levels in daily smokers: results from a genome-wide meta-analysis
A. Taylor, United Kingdom
Unraveling the genetic of alcohol dependence: heritability estimates and GWAS based on the AUDIT measure
H. Mbarake, The Netherlands
Is there genetic overlap between personality, expectancies and symptoms of Cannabis Use disorders?
L. Mezquita, Spain

Mechanisms of assortative mating for smoking behavior in a population based twin-study
J.L. Treur, The Netherlands

Association between SNUS use in adolescence and cigarette smoking in early adulthood - a prospective study among Finnish twins
D. Araneda, Finland

18:00 - 19:30 BOLERO HALL
MOVIE SESSION: “Twin Sisters”
introduced by N. Segal, USA

Tuesday, November 18th

08:30 - 09:00 BOLERO HALL
KEYNOTE LECTURE
Introduced by T. Spector, United Kingdom
The latest development in twin studies
D. Boomsma, The Netherlands

08:30 - 10:00 CORDOBA HALL
ICOMBO Multiple Birth Organization BUSINESS meeting
Coordinator: M. Rankin, Australia

09:00 - 10:00 BOLERO HALL
PARALLEL SESSION 5: Twin Studies in Europe
Chairpersons: Z. Papp, Hungary - L. Littvay, Hungary
Coordinators: A. Tarnoki, Hungary - D. Tarnoki, Hungary

Twin studies in Central and Eastern Europe:
A. Tarnoki, Hungary
Twin studies in Hungary
D. Tarnoki, Hungary
The heritability of coronary artery anatomy
P. Maurovich-Horvat, Hungary
Inheritance of left ventricular deformation
A. Kovács, Hungary
Twinship as a resource
A. Pári, Hungary - R. Hegedus, Hungary - Zs. Drjenovszky, Hungary

The Hungarian twin registry: present and future
L. Littvay, Hungary

10:00 - 10:30 COFFEE BREAK & POSTER VIEWING

10:30 - 12:30 BOLERO HALL
PARALLEL SESSION 6A: Obstetrical issues in twin pregnancy (III): growth
Coordinators: G. Rizzo, Italy - S. Hassan, USA

First trimester prediction of twin growth disturbances
J.L. Bartha, Spain
NCD, obesity and twins
Y. Yogev, Israel
Twin Pregnancy: double risk for metabolic syndrome
L. Voto, Argentina

Placental anomalies in twins
C. Hubinont, Belgium

Laser therapy for twin-twin transfusion syndrome: where are we today?
R. Quintana, USA

Twin chorionicity and the risk of preeclampsia (short communication)
I. Szymusik, Poland

Perinatal outcomes of selective IUGR and non-selective IUGR in twin pregnancy
J. Lee, Korea

10:30 - 12:30 CORDOBA HALL
PARALLEL SESSION 4B: Metabolic syndrome, diabetes and cardiovascular risk factors
Coordinator: K. Ohm-Kyvik, Denmark

Genetics of cardiovascular diseases
K. Silventoinen, Finland

Identification of an adipose specific gene environment interaction associated with BMI
C. Glastonbury, United Kingdom

Effects of genetic and environmental influences on abdominal adipose tissue compartments and hepatic lipid accumulation: a classical twin study
A.L. Jermendy, Hungary

Fast food consumption and body mass index: a twin study
C. Glastonbury, United Kingdom

Causes of variability and correlations among biomarkers of cardiovascular disease - twin versus genome-wide common SNPs models
K. Tanaka, Japan

Relationship between pre-diabetes and sleep duration in men from the Danish Geminakar twin cohort
C. Delphied, Denmark

Relationship between metabolic syndrome and Breslow's 7 health practice index without genetic factors: a study of Japanese adult twins
K. Tanaka, Japan

Genetic effects on thyroid gland size in Hungarian TWINS
A. D. Tarnoki, Hungary

12:30 - 13:30 LUNCH BREAK & POSTER VIEWING

13:30 - 15:30 BOLERO HALL
PARALLEL SESSION 7A. Obstetrical issues in twin pregnancy (IV): labour and delivery
Coordinators: J.F. Barrett, Canada - E. Kontopoulos, USA

Timing of delivery of twins
R. Sokol, USA

Timing of delivery of monochorionic twins
I. Blickstein, Israel

The Twin Birth Study: the secondary analyses begin! Labour induction and successful vaginal birth
J.F. Barrett, Canada

Problems of labour induction in twins
M. Robson, Ireland

How and when to deliver twins?
B. Arabin, Germany

13:30 - 15:30 CORDOBA HALL
PARALLEL SESSION 7B: Epigenetics and Telomere Studies
Coordinators: J. Harris, Norway - R. Lyle, Norway

A common DNA methylation signature in whole blood samples from monozygotic twins discordant for malignant tumor development
L. Roos, United Kingdom

Are twins reared apart more epigenetically discordant than twins reared together?
N. L. Segal, USA

DNA Methylation in Urologic Chronic Pelvic Pain: a MAPP Research Network Twin Study
E. Strachan, USA

Changes in DNA methylation in rheumatoid arthritis and the effect of smoking, anti-CCP and treatment. An epigenome wide association study in monozygotic RA discordant twin pairs
A. J. Svendsen, Denmark

Lower placental telomere length may be attributed to maternal residential traffic exposure: a twin study
E. Bjørnsen, Belgium

Greater Resemblance of Telomere Length in Dizygotic Twins with increasing paternal age
U. Halakoh, Denmark

Leukocyte Telomere Length (TLT) in Urologic Chronic Pelvic Pain: a MAPP Research Network Twin Study
E. Strachan, USA
13:30 - 15:30 PARK 1 HALL
PARALLEL SESSION 7C: ICOMBO symposium
Coordinator: M. Rankin, Australia
Family care nursing in the multiple birth families - evidence based strengthening is needed - based on PhD Kristiina Heinonen's research
U. Kumpula, Finland
Similarities and Differences in the delivery of maternity care in English Speaking Countries
K. Reed, United Kingdom
Post-Partum Mood Disorder (Post Natal Depression)
S. Griffin, USA
The first quintuplets in Czech Republic
K. Villkova-Kulova, Czech Republic
Understanding the emotional challenges of a twin pregnancy: how it impacts parenting and impedes individuality
J. Friedman, USA
Postnatal depression symptomatology and breastfeeding
L. Colodro-Conde, Spain

15:30 - 16:00 COFFEE BREAK & POSTER VIEWING

16:00 - 17:30 BOLERO HALL
PARALLEL SESSION 8A: Obstetrical issues in twin pregnancy (V): malformations and pathologies unique to twins
Coordinators: A. Antsaklis, Greece - Z. Papp, Hungary
Twin mythology in the American continent (short communication)
D. Czukerberg, USA
The original features of the twin placenta
L. Lewi, Belgium
Management of discordant anomalous twins
E. Kontogoulou, USA
Acute TTTS in labour
D. Stupski, USA
Prognosis for an isolated single umbilical artery in twin pregnancies (short communication)
I. Caba, Australia
Pathology of co-twins with “vanished twins” in high risk pregnancy (short communication)
I. Gondarzko, Ukraine

16:00 - 17:30 CORDOBA HALL
PARALLEL SESSION 8B: Anthropometric traits
Coordinator: K. Silventoinen, Finland
Association of height with physical and psychosocial traits: the role of genetic and environmental factors
A. Jelenkovic, Spain
Explaining individual differences in BMI: contributions from the Netherlands Twin Register
G. Willemsen, The Netherlands
Early-life nutritional determinants of childhood BMI
M. Diasparr, Canada
Is Post-Traumatic Stress Disorder (PTSD) associated with increased body mass index?
J. Goldberg, USA
Genetic and Environmental Effects on Fat Distribution: The Healthy Twin Study
J.N. Kim, Korea
The impact of genetic and environmental factors on maternal gestational weight gain: a twin study based on the Swedish twin registry
E. Scheer Andersson, Sweden

17:30 - 18:00 BOLERO HALL
KEYNOTE LECTURE
Introduced by R. Quintero, USA
Ultrasound and Doppler in the first trimester - What we can predict in twins?
G. Rizzo, Italy

18:00 - 18:45 CORDOBA HALL
ISTS General Meeting
Chairperson: T. Spector, United Kingdom
Secretary General: G. Willemsen, The Netherlands

20:00 - 23:00 SOCIAL AND FACULTY DINNER
Wednesday, November 19th

08:30 - 10:30 BOLERO HALL
PARALLEL SESSION 9A: Monochorionic twins (I): surgery and TTTS
Cardiac manifestations of TTTS
N. Manning, United Kingdom
Donor twin catch-up growth after laser surgery for twin-twin transfusion syndrome
R. Quintero, USA
TAPS: how severe is it, how to treat it?
D. Oepkes, The Netherlands
TAPS: how to diagnose it, how to prevent it?
F. Slaghekke, The Netherlands
Development of survival rates after laser therapy for severe TTTS in a series of 851 consecutive cases
K. Hecher, Germany
Fetal brain injury in survivors of twin pregnancies complicated by demise of one twin as assessed by in utero MR imaging
M. Kilby, United Kingdom
Is the sequential laser technique for twin-to-twin transfusion syndrome truly superior to the standard selective technique? A meta-analysis (short communication)
J. Akkermans, The Netherlands

08:30 - 10:30 CORDOBA HALL
PARALLEL SESSION 9B: Bulmer session on new developments with the biology of twinning
Biology of MZ twinning
B. Reversade, Singapore
How chimaeric are dizygotic monochorionic twins? (short communication)
J. M. Craig, Australia
Can we do more to help parents of newborn twins understand about zygosity and chorionicity? (short communication)
T. L. Cutler, Australia

10:30 - 11:00 COFFEE BREAK
11:00 - 12:30 BOLERO HALL
PARALLEL SESSION 10A: Monochorionic twins (II): other issues
Twin pregnancy and delivery as a window for future health?
B. Arabin, Germany
MC twinning as an embryonic accident
I. Blickstein, Israel
Functional and acquired cardiovascular anomalies in monochorionic twins
N. Manning, United Kingdom
First trimester fetal reduction in monochorionic multiples and perinatal outcome
A. Mikhailov, Russia
Contemporary management of monoamniotic twins
V. Stefanovic, Finland

Monozygotic twins after assisted reproduction: a change in chorionicity (short communication)
C. Derom, Belgium
Mid-pregnancy, perinatal and neonatal reproductive endocrinology in twins and singleton controls
E. A. M. Kuijper, The Netherlands
Historical twinning rates in Norway
T. Nilsen, Norway
Spot the difference and know the similarity; genetic counseling in monozygotic twins
P. J. G. Zwijnenburg, The Netherlands
Pitx2 positions the embryonic axis and regulates twinning
C. Stein, United Kingdom
The genetic landscape of Twinning: a meta-analysis of genome-wide association studies from the Twinning Gwas Consortium
H. Mbarek, The Netherlands
11:00 - 12:30 CORDOBA HALL
PARALLEL SESSION 10B: Biomarkers and the International Network of Twin Registries
Coordinator: J. Harris, Norway
Intro and INTR
J. Harris, Norway
Why biomarkers in twin research?
J. M. Craig, Australia
Biospecimens for twin research: what and how?
J. M. Craig, Australia
Cotinine as a biomarker for tobacco use
J. Kaprio, Finland
Self-reported dietary intake patterns correlate strongly with blood metabolites using a non-targeted metabolomics approach in a population based twin
T. Pallister, United Kingdom
CODATwins project: understanding macro-environmental variation in genetic and environmental effects
J. Kaprio, Finland
12:30 - 13:00 BOLERO HALL
CLOSING LECTURE
introduced by T. Spector, United Kingdom
The Microbiome
D. Ehrlich, France
13.00 - 13:40 BOLERO HALL
AWARD CEREMONY AND CLOSING REMARKS - THE NEXT TWINS CONGRESS IN 2017
1 - The colombo twin and singleton study follow-up study. K. Jayaweera
2 - Causes of co-occurring somatic, anxious, and depressive symptoms in adolescents. H. Auk
3 - Paediatric back pain: a twin family case control study investigating genetic risk and associations. A. Brot
4 - Paediatric anxious depression: genetic risk and associations with common pain disorders and restless legs syndrome. A. Brot
5 - Paediatric restless legs syndromes with or without growing pains: novel insights from a twin family study. D. Champion
6 - Parent-reported iron deficiency: genetic risk and associations with the common pain disorders of childhood. D. Champion
7 - The influence of general anaesthesia and surgery in old age: a twin study. U. Dokkedal
8 - A meta-analytic twin approach to unraveling the complex etiology of multiple sclerosis. C. Fagnani
9 - Common aetiological substrates for asthma and respiratory allergies: a lesson from Italian twins. C. Fagnani
10 - Invasive and acquired influences on empathy: a large survey on Italian twins. C. Fagnani
11 - Sleep behavior in twins from infancy to adulthood. A. M. Torgersen
12 - Genetic and environmental influences on toijokomi syndrome in Japan. F. Imai
13 - Heritability of teeth with danish twin registry. Y. Kurushima
14 - The genetic contribution to the association between number of teeth and atrial fibrillation. Y. Kurushima
15 - Assesment of oral conditions in twins. B. Vardhana
16 - Environmental influences on gene expression in personality from the viewpoint of pedagogical case studies for twins in junior and high school. S. Aaltoen
17 - Childhood motor development and leisure-time physical activity in young adulthood: a discordant twin-pair analysis. S. Aaltoen
18 - The genetic and environmental contributions to correlations between perceptions of family environment and activity in russian adolescent twins. I. Voronin
19 - Work-home interference and burnout: a study based on swedish twins. V. Blom
20 - Early respiratory infections: genetic factors, family environment and passive smoking. E. Medda
21 - A large survey on behaviour, lifestyle and sleep habits among italian adolescent twins. E. Medda
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2 - Contribution of genetics and of environmental exposures to the activity of the dna repair enzyme ogg1 in twins.
L. Nalco

3 - Ica falcon: falsifying the multivariate twin model.
J. Hopper

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J. R. Harris

M. Umstad

6 - Non-response bias for health statistics in the vietnam era twin registry.
J. Goldberg

7 - A bayesian approach to mixture distributions of twin data with an application to cortisol awakening response (car).
R. Moir

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M. Naale

9 - Towards a global twin registry using the world wide web.
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A. Biswas

11 - Reduction as a method describing the lifeworld of the multiple birth families in finland.
K. Nienonen

S. Ooki

13 - Where were twins born in hungary? (regional aspects since 1979).
A. Pari

14 - Individual feedback on personal research results via the netherlands twin register portal: participants love it!
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15 - Lower genital tract infection screening in twin pregnancies for prevention of late miscarriage and extremely preterm birth.
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24 - Triple pregnancy: is the mode of conception related to perinatal outcomes?
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26 - Placental disorders in bichorionic twin pregnancy in relation to conception, spontaneous versus homologue/heterologue assisted reproduction.
A. Czortek

27 - Outcome of multiple pregnancies at misurata teaching hospital.
A. Ellabeg

28 - Prenatal diagnosis and perinatal outcome of uterocoele in twin pregnancies.
A. Herrera Muñoz

29 - Stillbirth rates and risk factors for stillbirths among zygotic twins and singlets in japan.
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30 - Thoraco-omphalopagus conjoined twins diagnosed at 14 weeks of gestation.
N. Kim

31 - Carbotecton for post-partum hemorrhage prevention in twin pregnancy.
K. Kosmiska-Kocyńska

32 - Pregnancy complications in twin gestation.
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33 - Twin pregnancy complicated by the intrauterine death of one twin. Problems and perinatal outcomes according to chorionicity.
V. J. Diago-Almeida

34 - Management of twin pregnancies with bulging membranes by rescue cerclage after the exclusion of inamnamic inflammation and subclinical choriamnitis.
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35 - Monochorionic placentas: are all the same?
C. Paiva

36 - Case report of 14 days delayed delivery of the second twin after the miscarriage of the first fetus at the 16th week of pregnancy.
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38 - Caesarean delivery for the second twin – audit of clinical practice at a large tertiary referral centre.
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41 - Does breastfeeding behavior run in families? Evidence from twins, their sisters and their mothers in the netherlands.
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46 - Mirror syndrome after fetoscopic laser therapy for twin-twin transfusion syndrome.
A. Khalil

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R. Quintana

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50 - The sri lankan twin registry.
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M. Dal Ray-Jorda

52 - Changes in the risk of twin birth, trends in the last decade.
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M. Demenyenko

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Danubius Hotel Flamenco
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Hungary

OFFICIAL LANGUAGE
English

REGISTRATION DESK & HELP DESK OPENING TIME
November 16th 9.00 am to 8.00 pm
November 17th 8.00 am to 8.00 pm
November 18th 8.00 am to 6.00 pm
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15 European CME Credits (ECMEC) have been assigned for the entire congress.
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SCIENTIFIC CONTRIBUTIONS
Accepted abstracts are published on the official journal of the International Society for Twin Studies (ISTS), Twin Research and Human Genetics, which is included in the congress bag.
Posters are displayed on November 16th - 19th in the exhibition area.
Oral communications are included in the Scientific Program.

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Congress venue
FREE ACCESS to registered congress participant and faculty

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