

## Day 1

## 6 March 2021

Times in UTC

08.00 - 08.30	<b>Welcome to the 14th World Congress on Endometriosis</b> Neil Johnson (WES President) Sun-Wei Guo (Joint WCE2021 President)
08.30 - 10.30	<b>Seminar 1: EXPERIMENTAL MODELS</b> Chair: Erin Greaves (United Kingdom)
08:30 - 08:50	<b>SL01: EXPERIMENTAL MODELS</b> Dingmin Yan (China)
08:50 - 09:05	<b>S01-01: VOLUNTARY WHEEL RUNNING REDUCES VESICLE DEVELOPMENT MODULATING IMMUNE PARAMETERS AND MICROBIAL COMPOSITION IN AN ENDOMETRIOSIS ANIMAL MODEL</b> Caroline Appleyard (Puerto Rico)
09:05 - 09:20	<b>S01-02: THE SCAR CONSTITUENT COLLAGEN <i>eyno</i>TRIGGERS COORDINATED COLLECTIVE MIGRATION AND INVASION IN A 3D SPHEROID MODEL OF EARLY ENDOMETRIOTIC LESION</b> Sebastian Schaefer (Germany)
09:20 - 09:35	<b>S01-03: THE CYNOMOLGUS MONKEY MODELS FOR DRUG DISCOVERY IN ENDOMETRIOSIS WITH INFLAMMATION AND FIBROSIS</b> Ayako Nishimoto-Kakiuchi (Japan)
09:35 - 09:50	<b>S01-04: EFFECTIVENESS CHOLECALCIFEROL ADMINISTRATION AS MONOTHERAPY IN CASE OF SURGICALLY INDUCED ENDOMETRIOSIS IN RATS.</b> Maria Yarmolinskaya (Russian Federation)
09:50 - 10:05	<b>S01-05: BONE MARROW DERIVED STEM CELLS (BMDSCS) TRAFFICKING TO THE ENDOMETRIUM, ENDOMETRIOSIS LESIONS AND OTHER ORGANS IN A MOUSE MODEL OF ENDOMETRIOSIS</b> Julio Rosa-e-silva (Brazil)
10:05- 10:30	<b>SUMMARY and LIVE DISCUSSION</b>
08.30 - 10.30	<b>Seminar 2: ADENOMYOSIS</b> Chair: Ludwig Kiesel (Germany)
08:30 - 08:50	<b>SL02: UNVEILING THE PATHOGENESIS AND PATHOPHYSIOLOGY OF ADENOMYOSIS</b> Sun-Wei Guo (China)
08:50 - 09:05	<b>S02-01: ESTROGEN DEGRADES SCRIBBLE IN ENDOMETRIAL EPITHELIAL CELLS THROUGH E3 UBIQUITIN LIGASE HECW1 IN THE DEVELOPMENT OF DIFFUSE ADENOMYOSIS</b> Zhixing Jin (China)

09:05 - 09:20	<b>S02-02: BIOLOGICAL DIFFERENCES BETWEEN INTRINSIC AND EXTRINSIC ADENOMYOSIS WITH COEXISTING DEEP INFILTRATING ENDOMETRIOSIS</b> Khaleque Khan (Japan)
09:20 - 09:35	<b>S02-03: ADENOMYOSIS IN RELATION TO PROGRESSION OF MENSTRUAL BLEEDING, PAIN SEVERITY, AND IMPACT OF THESE SYMPTOMS ON QUALITY OF LIFE: RESULTS FROM A CASE-CONTROL STUDY</b> Kristen Upson (United States)
09:35 - 09:50	<b>S02-04: CHARACTERIZATION OF THE ADENOMYOSIS-LIKE PHENOTYPE PRESENT IN TRANSGENIC MICE OVEREXPRESSING HUMAN HSD17B1</b> Taija Heinosalo (Finland)
09:50 - 10:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>10.30 - 11.00</b>	<b>BREAK</b>
<b>11.00 - 11.30</b>	<b>Keynote 1: THE USE OF CANNABINOIDS IN ENDOMETRIOSIS</b> Yuval Kaufman (Israel) Chair: Philippa Saunders (United Kingdom)
<b>11.30 - 12.30</b>	<b>SPECIAL SESSION ON THE MANAGEMENT OF ENDOMETRIOSIS-RELATED INFERTILITY</b>
11.30 - 11.45	<b>SP01-01 EVIDENCE OF THE EFFECT OF LIPIODOL IN INFERTILITY</b> Neil Johnson (New Zealand)
11.45 - 12.00	<b>SP01-02 A LABORATORY MODEL FOR TESTING DISEASE MODIFYING AGENTS IN ENDOMETRIOSIS IN VITRO AND IN VIVO</b> Andrew Horne (United Kingdom)
12.00 - 12.15	<b>SP01-03 ALGORITHM FOR THE MANAGEMENT OF ENDOMETRIOSIS-RELATED INFERTILITY</b> Velja Mijatovic (Netherlands)
12.15 - 12.30	<b>SUMMARY and LIVE DISCUSSION</b>
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**Day 2**                      **7 March 2021**

Times in UTC

<b>10.00 - 10.30</b>	<b>Keynote 2: CLONAL EXPANSION OF CANCER-ASSOCIATED MUTATIONS</b> Kosuke Yoshihara (Japan) Chair: Chii-Ruey Tzeng (Taiwan)
<b>10.30 - 12.30</b>	<b>Seminar 3: MOLECULAR TARGETS AND DIAGNOSIS</b> Chair: Paola Vigano (Italy)
10:30 - 10:50	<b>SL03: MOLECULAR TARGETS and DIAGNOSIS</b> Arne Vanhie (Belgium)
10:50 - 11:05	<b>S03-01: THE EFFECTS OF CD137 ACTIVATING ANTIBODY (URELUMAB) ON LESION THE PROGRESSION IN A HETEROLOGOUS MOUSE MODEL OF ENDOMETRIOSIS WITH ADOPTIVE TRANSFER OF HUMAN POLYMORPHONUCLEAR CELLS</b> Raul Gomez (Spain)
11:05 - 11:20	<b>S03-02: LEVERAGING MUTATIONS TO IDENTIFY CANDIDATE DRUG TARGETS FOR ENDOMETRIOSIS THERAPY</b> Daniëlle Peterse (United States)
11:20 - 11:35	<b>S03-03: PERITONEAL FLUID SMALL EXTRACELLULAR VESICLES AS POTENTIAL BIOMARKERS FOR ENDOMETRIOSIS</b> Hannah Nazri (United Kingdom)
11:35 - 11:50	<b>S03-04: INTERFERON EPSILON, A NOVEL REPRODUCTIVE TRACT PROTEIN, REGULATES ENDOMETRIOSIS LESION ESTABLISHMENT AND PROGRESION IN A PRE-CLINICAL MOUSE MODEL</b> Fiona Cousins (Australia)
11:50 - 12:05	<b>S03-05: ABNORMAL EXPRESSION OF LNCRNA BANC R IN THE EUTOPIC ENDOMETRIUM OF ENDOMETRIOSIS INDUCES ENDOMETRIOSIS-ASSOCIATED OVARIAN CANCER BY UP-REGULATING FAK</b> Jing Liu (China)
12:05 - 12:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>10.30 - 12.30</b>	<b>Seminar 4: FERTILITY AND PRESERVATION</b> Chair: Luk Rombauts (Australia)
10:30 - 10:50	<b>SL04: FERTILITY PRESERVATION AND ENDOMETRIOSIS</b> Laura Benaglia (Italy)
11:05 - 11:20	<b>S04-02: TRANSFERRIN INSUFFICIENT AND IRON OVERLOAD IN FOLLICULAR FLUID CONTRIBUTE TO OOCYTES DYSMATURITY IN INFERTILE WOMEN WITH ENDOMETRIOSIS</b> Zhexin Ni (China)

11:20 - 11:35	<b>S04-03: EXCESSIVE OXIDATIVE STRESS IN CUMULUS GRANULOSA CELLS INDUCED CELL SENESENCE CONTRIBUTES TO ENDOMETRIOSIS-ASSOCIATED INFERTILITY</b> Xiang Lin (China)
11:50 - 12:05	<b>S04-05: TRANSCRIPTOMIC AND MIRNAOMIC PROFILING OF FOLLICULAR MICRO-ENVIRONMENT FROM OVARIAN ENDOMETRIOMAS REVEALS THE MOLECULAR SIGNATURES ASSOCIATED WITH POOR FOLLICLE DEVELOPMENT</b> Libing Shi (China)
12:05 - 12:30	<b>SUMMARY and LIVE DISCUSSION</b>
12.30 - 13.00	<b>BREAK</b>
13.00 - 14.30	<b>Session 1: DIAGNOSIS</b> Chair: Sebastian Schaefer (Germany)
13:00 - 13:10	<b>OS01-01: WEB-BASED SCREENING FOR MENSTRUAL DISTURBANCE IN TEENAGERS USING THE PERIOD IMPACT AND PAIN ASSESSMENT (PIPPA) TOOL</b> Melissa Parker (Australia)
13:10 - 13:20	<b>OS01-02: ARTIFICIAL INTELLIGENCE FOR SLIDING SIGN DETECTION TO DIAGNOSE ENDOMETRIOSIS</b> Gabriel Maicas (Australia)
13:20 - 13:30	<b>OS01-03: PLASMA PROTEOMIC PROFILES ASSOCIATED WITH ENDOMETRIOSIS IN ADOLESCENTS</b> Naoko Sasamoto (United States)
13:30 - 13:40	<b>OS01-04: APPLICABILITY OF PET-CT WITH RADIOLABELLED ANTI-VEGF MONOCLONAL ANTIBODY FOR THE DIAGNOSIS OF ENDOMETRIOSIS</b> Amartuvshin Tumenjargal (Mongolia)
13:40 - 13:50	<b>OS01-05: SELECTION OF INTERVENTIONS FOR REDUCING DIAGNOSTIC DELAY IN ENDOMETRIOSIS BY AN EXPERT PANEL OF PATIENTS AND PROFESSIONALS</b> Moniek Van Der Zanden (Netherlands)
13:50 - 14:00	<b>OS01-06: PREDICTION OF MUSCULAR INVOLVEMENT OF DEEP ENDOMETRIOSIS ON MRI</b> Stijn Vlek (Netherlands)
14:00 - 14:10	<b>OS01-07: ASSESSING GUT HORMONES AS CLINICAL BIO-MARKERS OF ENDOMETRIOSIS</b> Ya-ching Chou (Taiwan)
14:10 - 14:30	<b>SUMMARY and LIVE DISCUSSION</b>
13.00 - 14.30	<b>Session 2: PATIENT CENTRED CARE</b> Chair: Andrew Horne (United Kingdom)

13:00 - 13:10	<b>OS02-01: THE LAUNCH OF A NEW ONLINE RESOURCE FOR PEOPLE WITH ENDOMETRIOSIS AND PAINFUL SEX</b> Kiran Parmar (Canada)
13:10 - 13:20	<b>OS02-02: ADJUSTING DELIVERY OF GUIDED SELF-DETERMINATION CONVERSATIONS TO WOMEN WITH ENDOMETRIOSIS IN A NEW DANISH INTER-DISCIPLINARY FOLLOW-UP PROGRAM FOCUSING ON PERSON-CENTERED SUPPORT</b> Susan Munch Simonsen (Denmark)
13:20 - 13:30	<b>OS02-03: ENDONEEDS ACROSS BORDERS – COMMON PHYSICAL, PSYCHOLOGICAL AND SOCIAL NEEDS OF INDIVIDUALS WITH ENDOMETRIOSIS</b> Jane Girling (New Zealand)
13:30 - 13:40	<b>OS02-04: 'THERE'S SOMETHING IN THE WATER IN CHRISTCHURCH, NEW ZEALAND'</b> Deborah Bush (New Zealand)
13:40 - 13:50	<b>OS02-05: DECISION-MAKING IN DEEP ENDOMETRIOSIS TREATMENT OPTIONS: A QUALITATIVE STUDY AMONG PATIENTS</b> Jacques Maas (Netherlands)
13:50 - 14:00	<b>OS02-06: MINDFULNESS-BASED PSYCHOLOGICAL INTERVENTION FOR WOMEN WITH ENDOMETRIOSIS-RELATED CHRONIC PELVIC PAIN – RESULTS OF A RANDOMIZED PLACEBO-CONTROLLED TRIAL.</b> Karina Ejgaard Hansen (Denmark)
14:00 - 14:10	<b>OS02-07: STRENGTHS AND WEAKNESSES IN THE DIAGNOSTIC PROCESS OF ENDOMETRIOSIS FROM THE PATIENTS' PERSPECTIVE</b> Moniek Van Der Zanden (Netherlands)
14:10 - 14:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>13.00 - 14.30</b>	<b>Session 3: ADENOMYOSIS</b> Chair: Erkut Attar (Turkey)
13:00 - 13:10	<b>OS03-01: AGE AT MENARCHE AND ADENOMYOSIS RISK: RESULTS FROM AN EPIDEMIOLOGIC POPULATION-BASED CASE-CONTROL STUDY EMPLOYING TWO CONTROL GROUPS</b> Kristen Upson (United States)
13:10 - 13:20	<b>OS03-02: TRANSCRIPTOMIC ANALYSIS REVEALS CUMULATIVE CHANGES OF EXTRACELLULAR MATRIX MEDIATING ONSET OF ADENOMYOSIS</b> Junyu Zhai (United States)
13:50 - 14:00	<b>OS03-06: COMPARING RECURRENCE RATE AND RISK FACTORS IN FOCAL ADENOMYOSIS PATIENTS WITH AND WITHOUT MEDICAL TREATMENT AFTER CONSERVATIVE SURGERY: A RETROSPECTIVE STUDY</b> Wenwen Wang (China)

14:00 - 14:10	<b>OS03-07: VAGINAL REPAIR OF A CESAREAN SCAR DEFECT IN A SERIES OF 491 WOMEN: A RETROSPECTIVE STUDY</b> Huihui Chen (China)
14:10 - 14:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>13.00 - 14.30</b>	<b>Video Session 1: SURGICAL</b> Chair: Arnaud Wattiez (UAE)
13:00 - 13:10	<b>VS01-01: TEACHING ENDOMETRIOSIS SURGERY USING PATIENT'S LANGUAGE</b> Michel Canis (France)
13:10 - 13:20	<b>VS01-02: SUCCESSFUL TWIN PREGNANCY IN A PATIENT WITH HEMI-UTERUS CORRECTED BY LAPAROSCOPIC STRASSMAN'S METROPLASTY</b> Xiaofang Yi (China)
13:20 - 13:30	<b>VS01-03: LAPAROSCOPIC URETEROLYSIS FOR DEEP DIE OF THE HYDRO-URETERONEPHROSIS AND IMPERED RENAL FUNCTION DEMONSTRATION OF THREE CASES AND SUMMARY OF SURGICAL OPTIONS</b> Yechiel Burke (Israel)
13:30 - 13:40	<b>VS01-04: LAPAROSCOPIC COLORECTAL RESECTION IN DEEP ENDOMETRIOSIS INFILTRATING INTESTINES</b> Yun Chen (China)
13:40 - 13:50	<b>VS01-05: SUCCESSFUL THREE-DIMENSIONAL LAPAROSCOPIC LEFT OOPHORECTOMY WITH EXTENSIVE ENTEROLYSIS</b> Yun Chen (China)
13:50 - 14:00	<b>VS01-06: LAPAROSCOPIC RESECTION OF THE HUGE INTESTINES ENDOMETRIOSIS LESIONS, WITHOUT FULL LAYER INVOLVEMENT</b> Yun Chen (China)
14:00 - 14:10	<b>VS01-07: ROBOTIC ADNEXECTOMY IN ENDOSCOPIC ENDOMETRIOSIS CLASSIFICATION STAGE III</b> Lilo Mettler (Germany)
14:10 - 14:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>14.30 - 15.00</b>	<b>Keynote 3: ORGANS ON CHIPS</b> Linda Griffith (United States) Chair: Andrea Romano (Netherlands)
<b>15.00 - 15.30</b>	<b>INTERACTIVE POSTER SESSION</b>

## Day 3

## 8 March 2021

Times in UTC

21.00 - 21.30	<b>Keynote 4: ARE SURGICAL RCTS FEASIBLE?</b> Jason Abbott (Australia) Chair: Neil Johnson (New Zealand)
21.30 - 23.30	<b>Seminar 5: EPIDEMIOLOGY AND RISK FACTORS</b> Chair: Stacey Missmer (United States)
21:30 - 21:50	<b>SL05: EPIDEMIOLOGY AND RISK FACTORS</b> Leslie Farland (United States)
21:50 - 22:05	<b>S05-01: RISK OF NON-OVARIAN CLEAR CELL CANCER IN WOMEN WITH SURGICALLY DIAGNOSED ENDOMETRIOSIS – A REGISTER-BASED STUDY OF 49956 WOMEN</b> Oskari Heikinheimo (Finland)
22:05 - 22:20	<b>S05-02: GLYCEMIC INDEX, GLYCEMIC LOAD, FIBER, AND GLUTEN INTAKE AND RISK OF LAPAROSCOPICALLY-CONFIRMED ENDOMETRIOSIS</b> Holly Harris (United States)
22:20 - 22:35	<b>S05-03: ENDOMETRIOSIS DIAGNOSTICS PROGRESSION IN FINLAND AMONG WOMEN BORN IN 1966 AND IN 1986: A LONGITUDINAL BIRTH COHORT STUDY</b> Roosa Manninen (Finland)
22:35 - 22:50	<b>S05-04: UNRAVELLING THE ASOCIATION BETWEEN ENDOMETRIOSIS AND IMMUNOLOGICAL DISEASES</b> Nina Shigesu (United Kingdom)
22:50 - 23:05	<b>S05-05: OVARIAN CANCER PROGNOSIS IN WOMEN WITH ENDOMETRIOSIS. A RETROSPECTIVE NATIONWIDE COHORT STUDY OF 32,419 WOMEN</b> Marjolein Hermens (Netherlands)
23:05 - 23:30	<b>SUMMARY and LIVE DISCUSSION</b>
21.30 - 23.30	<b>Seminar 6: PAIN AND PAIN MECHANISMS</b> Chair: Katy Vincent (United Kingdom)
21:30 - 21:50	<b>SL06: PAIN AND PAIN MECHANISMS</b> Paul Yong (Canada)
21:50 - 22:05	<b>S06-01: NEUROIMAGING REVEALS THAT IN ENDOMETRIOSIS, NEUROPATHIC PAIN IS ASOCIATED WITH PROVOKED BRAINSTEM ACTIVITY IN AN AREA WITH NO SIGNIFICANT RESTING CONNECTIVITY</b> Lydia Coxon (United Kingdom)



22:05 - 22:20	<b>S06-02: METABOLOMIC PROFILES OF POST-SURGICAL PAIN IN ADOLESCENTS AND YOUNG WOMEN WITH ENDOMETRIOSIS</b> Kathryn Terry (United States)
22:20 - 22:35	<b>S06-03: A NOVEL APPROACH TO REDUCE PAIN ARISING FROM THE FEMALE REPRODUCTIVE TRACT</b> Joel Castro (Australia)
22:35 - 22:50	<b>S06-04: GAPP2: A MULTICENTRE RANDOMISED CONTROLLED TRIAL OF THE EFFICACY OF GABAPENTIN FOR THE MANAGEMENT OF CHRONIC PELVIC PAIN IN WOMEN</b> Andrew Horne (United Kingdom)
22:50 - 23:05	<b>S06-05: ANDROGENS AND DAYS PER MONTH OF PAIN IN WOMEN WITH DYSMENORRHOEA</b> Susan Evans (Australia)
23:05 - 23:30	<b>SUMMARY and LIVE DISCUSSION</b>
23.30 - 00.00	<b>BREAK</b>
00.00 - 00.30	<b>Keynote 5: GLOBAL COLLABORATION: POWER IN NUMBERS</b> Stacey Missmer (United States) Chair: Catherine Allaire (Canada)
00.30 - 01.00	<b>INTERACTIVE SESSION</b>
01.00 - 02.00	<b>Session 4: EXPERIMENTAL MODELS</b> Chair: Louise Hull (Australia)
01:00 - 01:10	<b>OS04-01 BIOLUMINESCENT IMAGING, HISTOLOGY AND GNRH ANTAGONIST TREATMENT OF FOUR DIFFERENT MOUSE MODELS OF INDUCED ENDOMETRIOSIS REVEALS MODEL-DEPENDENT DIFFERENCES IN THE NATURAL HISTORY OF THE LESION.</b> Erin Greaves (United Kingdom)
01:10 - 01:20	<b>OS04-02 NON-SURGICAL MOUSE MODEL OF ENDOMETRIOSIS-ASSOCIATED PAIN THAT RESPONDS TO CLINICALLY ACTIVE DRUGS</b> Michael Rogers (United States)
01:20 - 01:30	<b>OS04-03 ENVIRONMENTAL TOXICANTS AFFECT DIFFERENT PHASES OF ENDOMETRIOSIS DISEASE</b> Katherine Burns (United States)
01:30 - 01:40	<b>OS04-04 TETRAMETHYLPYRAZINE STALLS THE PROGRESSION OF ENDOMETRIOSIS</b> Huang Shenghui (China)
01:40 - 01:50	<b>OS04-05 ENDOMETRIOTIC CELL CULTURE CONTAMINATION AND AUTHENTICITY: HOW AWARE ARE CULTURISTS OF THE PROBLEM?</b> Andrea Romano (Netherlands)
01:50 - 02:00	<b>SUMMARY and LIVE DISCUSSION</b>



01.00 - 02.00	<b>Session 5: FERTILITY</b> Chair: David Adamson (United States)
01:00 - 01:10	<b>OS05-01: FERTILITY OUTCOME AFTER LAPAROSCOPIC SEGMENTAL BOWEL RESECTION FOR ENDOMETRIOSIS: A 11 YEAR EXPERIENCE.</b> Rosa Neme (Brazil)
01:10 - 01:20	<b>OS05-02: OOCYTES AND EMBRYOS QUALITY IN ENDOMETRIOMA-PATIENTS. CASE REPORTS AND REVIEW OF LITERATURE</b> Mohamed Gamal Ibrahim (Germany)
01:20 - 01:30	<b>OS05-03: UTERINE BATHING PRIOR TO IVF- OR ICSI-TREATMENT IN PATIENTS WITH ENDOMETRIOSIS, A RANDOMIZED CONTROLLED TRIAL (TUBIE TRIAL)</b> Anneke Schreurs (Netherlands)
01:30 - 01:40	<b>OS05-04: THE IMPACT OF ENDOMETRIOSIS ON PREGNANCY OUTCOMES COMPARED TO A MATCHED MALE SUBFERTILE POPULATION AFTER EQUAL QUALITY EMBRYO TRANSFER AND THE ASSOCIATION WITH DYSMENORRHEA</b> Celine Blank (Belgium)
01:40 - 02:00	<b>SUMMARY and LIVE DISCUSSION</b>

01.00 - 02.00	<b>Seminar 6: MICROBIOTA</b> Chair: TBC
01:00 - 01:10	<b>OS06-01: A GUT MICROBIOTA-DERIVED METABOLITE PROTECTS AGAINST ENDOMETRIOSIS</b> Ramakrishna Kommagani (United States)
01:10 - 01:20	<b>OS06-02: LEVOFLOXACIN OR GNRH AGONIST TREATMENT DECREASES INTRAUTERINE MICROBIAL COLONIZATION, TISSUE INFLAMMATION, CELL PROLIFERATION AND ANGIOGENESIS IN HUMAN ENDOMETRIOSIS</b> Khaleque Khan (Japan)
01:20 - 01:30	<b>SUMMARY and LIVE DISCUSSION</b>

01.00 - 02.00	<b>Session 7: PAIN AND PAIN MECHANISMS</b> Chair: Pamela Stratton (United States)
01:00 - 01:10	<b>OS07-01: VOLUMETRIC CHANGES IN THE BRAINS OF WOMEN WITH ENDOMETRIOSIS-ASSOCIATED PAIN ARE DYNAMIC</b> Miriam Szabo (Sweden)
01:10 - 01:20	<b>OS07-02: TRANSLATIONAL RESEARCH IN PELVIC PAIN (TRIPP): TOWARDS AN IMPROVED UNDERSTANDING OF PAIN MECHANISMS IN ENDOMETRIOSIS-ASSOCIATED PAIN</b> Katy Vincent (United Kingdom)
01:20 - 01:30	<b>OS07-03: EXPLORING THE ASSOCIATION BETWEEN A CHRONIC PAIN DIAGNOSIS AND POOR REPRODUCTIVE OUTCOMES IN UK-BIOBANK</b> Danielle Perro (United Kingdom)

01:30 - 01:40	<b>OS07-04: SYSTEMIC INFLAMMATION IS ASSOCIATED WITH PREOPERATIVE PELVIC PAIN SEVERITY AND PAIN IMPROVEMENT IN WOMEN WITH PELVIC PAIN UNDERGOING HYSTERECTOMY</b> Sawsan As-Sanie (United States)
01:40 - 01:50	<b>OS07-05: WIDESPREAD MYOFASCIAL DYSFUNCTION AND SENSITIZATION IN WOMEN WITH ENDOMETRIOSIS-ASSOCIATED CHRONIC PELVIC PAIN</b> Pamela Stratton (United States)
01:50 - 02:00	<b>SUMMARY and LIVE DISCUSSION</b>

**02.00 - 02.30 INTERACTIVE POSTER SESSION**

## Day 4 9 March 2021

Times in UTC

20.00 - 20.30	<b>Keynote 6: HOW COGNITIVE BIAS LIMITS THE SURGEON</b> Luk Rombauts (Australia) Chair: Rui Ferriani (Brazil)
20.30 - 22.30	<b>Seminar 7: PATHOGENESIS / AETIOLOGY</b> Chair: Peter Rogers (Australia)
20:30 - 20:50	<b>SL07: PATHOGENESIS AND AETIOLOGY: NEW INSIGHTS AND TRANSLATIONAL POTENTIAL</b> Philippa Saunders (United Kingdom)
20:50 - 21:05	<b>S07-01: THE EFFECTS OF A CD276 NEUTRALIZING ANTIBODY (CD276MAB) ON LESION PROGRESSION IN A HETEROLOGOUS MOUSE MODEL OF ENDOMETRIOSIS WITH ADOPTIVE TRANSFER OF HUMAN POLYMORPHONUCLEAR CELLS</b> Raul Gomez (Spain)
21:05 - 21:20	<b>S07-02: INTERLEUKIN-9 PRODUCED BY HELPER T CELLS INDUCE INFLAMMATORY RESPONSES IN ENDOMETRIOSIS</b> Yosuke Tarumi (Japan)
21:20 - 21:35	<b>S07-03: DYNAMIC ROLE FOR PERITONEAL FLUID MICROENVIRONMENT IN ENDOMETRIOSIS ASSOCIATED OVARIAN CANCER</b> Nalini Santanam (United States)
21:35 - 21:50	<b>S07-04: C5AR1 INHIBITORS ALLEVIATE THE DEVELOPMENT OF ENDOMETRIOSIS BY AFFECTING MACROPHAGE POLARIZATION</b> Xi Chen (China)
22:05 - 22:30	<b>SUMMARY and LIVE DISCUSSION</b>
20.30 - 22.30	<b>Seminar 8: SURGERY FOR ENDOMETRIOSIS</b> Chair: Axel Forman (Denmark)
20:30 - 20:50	<b>SL08: SURGERY FOR ENDOMETRIOSIS</b> Horace Roman (France)
20:50 - 21:05	<b>S08-01: TEN STEPS FOR LAPAROSCOPIC NOSE (NATURAL ORIFICE SPECIMEN EXTRACTION) ANTERIOR RESECTION FOR DEEP ENDOMETRIOSIS INFILTRATING THE RECTUM</b> Celine Bafort (Belgium)
21:05 - 21:20	<b>S08-02: "NERVE-SPARING" DIE SURGERY: A MISSION NOT ALWAYS POSSIBLE</b> Chung-hsien Sun (Taiwan)
21:20 - 21:35	<b>S08-03: A NOVEL METHOD OF LAPAROSCOPIC BOWEL RESECTION FOR COLORECTAL ENDOMETRIOSIS</b> Alin Stefan Constantin (Germany)
21:35 - 22:30	<b>SUMMARY and LIVE DISCUSSION</b>

22.30 - 23.00 BREAK

**23.00 - 00.30 Session 8: MOLECULAR TARGETS**

Chair: Brett McKinnon (Australia)

23:00 - 23:10 **OS08-01: IN VIVO IMAGING OF CNGB3 EXPRESSED IN ENDOMETRIAL GLANDULAR CELL IN MURINE MODEL**

Amartuvshin Tumenjargal (Mongolia)

23:10 - 23:20 **OS08-02: MENSTRUAL FLUID CELLULAR AND PROTEIN CONTENT - A POTENTIAL MINIMALLY INVASIVE SCREENING TOOL FOR ADENOMYOSIS AND ENDOMETRIOSIS**

Caitlin Filby (Australia)

23:20 - 23:30 **OS08-03: THE ECTOPIC ENDOMETRIUM FROM FERROPTOSIS BY REGULATING IRON METABOLISM**

Yukai Liu (China)

23:30 - 23:40 **OS08-04: EXOSOMAL VEGF-C REGULATES LYMPHANGIOGENESIS AND INFLAMMATION IN ENDOMETRIOSIS**

Sean SJ Tsai (Taiwan)

23:40 - 23:50 **OS08-05: A POTENTIAL ROLE FOR RANK (RECEPTOR ACTIVATOR OF NUCLEAR FACTOR KAPPA-BETA) IN THE PROGRESSION OF ENDOMETRIOSIS AND SUBSEQUENT TRANSFORMATION TO OVARIAN ENDOMETROID CANCER**

Raul Gomez (Spain)

23:50 - 00:00 **OS08-06: MARKERS OF LOCAL AND SYSTEMIC ESTROGEN METABOLISM IN ENDOMETRIOSIS**

Essam Othman (Egypt)

00:00 - 00:10 **OS08-07: CHARACTERIZATION OF MECHANICAL SIGNATURE OF EUTOPIC ENDOMETRIAL STROMAL CELLS OF ENDOMETRIOSIS PATIENTS**

00:10 - 00:30 Essam Othman (Egypt)

**SUMMARY and LIVE DISCUSSION**

**23.00 - 00.30 Session 9: EPIDEMIOLOGY AND RISK FACTORS**

Chair: Kathryn Terry (United States)

23:00 - 23:10 **OS09-01: USING CLINICAL PHENOTYPES TO PREDICT THE LIKELIHOOD OF ENDOMETRIOSIS RECURRENCE**

Sarah Holdsworth-Carson (Australia)

23:10 - 23:20 **OS09-02: VALIDITY OF SELF-REPORTED ENDOMETRIOSIS DIAGNOSIS: A COMPARISON ACROSS FOUR COHORTS**

Amy Shafrir (United States)

23:20 - 23:30 **OS09-03: FACTORS INFLUENCING NEONATAL UTERINE BLEEDING AND HORMONAL REACTION TO NEONATAL ENDOMETRIA DERIVED FROM**

	<b>AUTOPSY CASES</b>
23:30 - 23:40	Kanae Ogawa (Japan) <b>OS09-04: RECURRENCE OF OVARIAN ENDOMETRIOMA IN ADOLESCENTS AFTER SURGERY</b>
23:40 - 23:50	Bo Yin (China) <b>OS09-05: MONITORING ENDOMETRIOSIS IN FRANCE TO FIND OUT ENVIRONMENTAL CLUES : A FEASIBILITY STUDY</b>
23:50 - 00:00	Michel Canis (France) <b>OS09-06: CLINICAL AND DEMOGRAPHIC PROFILE OF ENDOMETRIOSIS PATIENTS FROM IBERO-AMERICA</b>
00:00 - 00:10	Idhaliz Flores (Puerto Rico) <b>OS09-07: PROGRESSION OF DEEP INFILTRATING RECTOSIGMOID ENDOMETRIOTIC NODULES</b>
00:10 - 00:30	Antoine Netter (France) <b>SUMMARY and LIVE DISCUSSION</b>
<b>23.00 - 00.30</b>	<b>Session 10: PATIENT CENTRED OUTCOMES</b> Chair: Deborah Bush (New Zealand)
23:00 - 23:10	<b>OS10-01: ENDOMETRIOSIS AND CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS</b> Marina Kvaskoff (France)
23:10 - 23:20	<b>OS10-02: ANALYSIS OF PREDICTIVE FACTORS FOR RECURRENCE OF DEEP INFILTRATING ENDOMETRIOSIS - A 2-YEAR PROSPECTIVE STUDY</b> Yunxi Zheng (China)
23:20 - 23:30	<b>OS10-03: DATA FROM A COHORT OF NEWLY DIAGNOSED WITH ENDOMETRIOSIS DO NOT DEMONSTRATE THAT ENDOMETRIOSIS IS ALWAYS A PROGRESSIVE DISEASE</b> Michel Canis (France)
23:30 - 23:40	<b>OS10-04: PSYCHOSOCIAL IMPACT AND RECOVERY AFTER A SPONTANEOUS HAEMOPERITONEUM IN PREGNANCY (SHIP) IN WOMEN WITH ENDOMETRIOSIS</b> Anneke Schreurs (Netherlands)

23:40 - 23:50	<b>OS10-05: NUTRITIONAL THERAPY: FUNCTIONAL MEDICINE, INVESTIGATES THE EFFECT OF GLUTEN IN PERPETUATING PAIN, INFLAMMATION AND SUB-FERTILITY IN WOMEN WITH DIAGNOSED ENDOMETRIOSIS. DEFENCE MAY COME FROM FOODSTUFFS.</b> Dian Shepperson (United Kingdom)
23:50 - 00:00	<b>OS10-06: EVALUATION OF FUNCTIONAL OUTCOMES AFTER DISC EXCISION OF DEEP ENDOMETRIOSIS INVOLVING LOW AND MILD RECTUM USING STANDARDIZED QUESTIONNAIRES: A SERIES OF 80 PATIENTS</b> Clémence Klapczynski (France)
00:00 - 00:10	<b>OS10-07: SOCIAL, HISTORICAL, AND CULTURAL FACTORS CONTRIBUTING TO LONG TIMES TO DIAGNOSIS IN ADOLESCENT ENDOMETRIOSIS</b> Veronique Griffith (United Kingdom)
00:10 - 00:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>23.00 - 00.30</b>	<b>Video Session 2: SURGICAL</b> Chair: Rodrigo Fernandes (Brazil)
23:00 - 23:10	<b>VS02-01: CONSERVATIVE APPROACH ON LARGE DEEP ENDOMETRIOSIS OF LOW RECTUM AND PARAMETER DOUBLE LOW RECTAL DISC EXCISION</b> Ahmet Namazov (Israel)
23:10 - 23:20	<b>VS02-02: EXCISION OF DEEP ENDOMETRIOSIS NODULES OF THE SCIATIC NERVE IN 10 STEPS</b> Horace Roman (France)
23:20 - 23:30	<b>VS02-03: CONSERVATIVE MANAGEMENT USING THE TRIPLE APPROACH AND THE ROUEN TECHNIQUE IN LARGE DEEP RECTOVAGINAL ENDOMETRIOSIS INVOLVING SACRAL ROOTS</b> Horace Roman (France)
23:30 - 23:40	<b>VS02-04: TREATMENT OF ADENOMYOSIS BY HYSTEROSCOPE</b> Jian Zhang (China)
23:40 - 23:50	<b>VS02-05: PARTIAL BLADDER CYSTECTOMY DUE TO FULL WALL THICKNESS ENDOMETRIOSIS - DEMONSTRATION OF TWO CASES: SOLITARY BLADDER NODULE AND MULTIFOCAL NODULES</b> Yeziel Burke (Israel)
23:50 - 00:30	<b>SUMMARY and LIVE DISCUSSION</b>
<b>00.30 - 01.00</b>	<b>INTERACTIVE POSTER SESSION</b>

## Day 5 10 March 2021

Times in UTC

06.00 - 07.00	<b>YOUNG INVESTIGATOR PRIZE PAPERS</b> Chair: Lucy Whittaker (United Kingdom) Chair: Erin Greaves (United Kingdom)  Best scientific and best clinical papers Two best scientific and two best clinical posters
07.00 - 07.30	<b>Keynote 7: IMAGING IN ENDOMETRIOSIS</b> George Condous (Australia) Chair: Christian Becker (United Kingdom)
07.30 - 08.00	<b>BREAK</b>
08.00 - 10.00	<b>Seminar 9: GENETICS AND EPIGENETICS</b> Chair: Krina Zondervan (United Kingdom)
08:00 - 08:20	<b>SL09: GENETICS, EPIGENETICS AND TRANSCRIPTOMICS OF ENDOMETRIOSIS</b> Nilufer Rahmioglu (United Kingdom)
08:20 - 08:35	<b>S09-01: SINGLE CELL GENE EXPRESSION ANALYSIS REVEALS UNIQUE MESENCHYMAL DERIVED ENDOMETRIAL STROMAL FIBROBLASTS WITH UNIQUE GROWTH CHARACTERISTICS THAT PROMOTE ENDOMETRIOSIS</b> Brett Mckinnon (Australia)
08:35 - 08:50	<b>S09-02: SPECIFIC IMMUNE POPULATIONS IN EUTOPIC ENDOMETRIUM OF WOMEN WITH ENDOMETRIOSIS SHOW DE-REGULATION OF REPRODUCTION-RELATED GENES</b> Julia Vallve Juanico (United States)
08:50 - 09:05	<b>S09-03: ONCO-LNCRNA HOTAIR AND ITS FUNCTIONAL GENETIC VARIANTS IN THE DEVELOPMENT AND PROGRESSION OF ENDOMETRIOSIS</b> Jim Sheu (Taiwan)
09:05 - 09:20	<b>S09-04: EXOSOMAL LONG NONCODING RNA-TC0101441 FACILIATES ENDOMETRIOSIS INVASION AND IS ASSOCIATED WITH ENDOMETRIOSIS RECURRENCE</b> Junjun Qiu (China)
09:20 - 09:35	<b>S09-05: ENDOMETRIOSIS AND ITS MICROENVIRONMENT... ONE CELL AT A TIME</b> Elise Courtois (United States)
09:35 - 10:00	<b>SUMMARY and LIVE DISCUSSION</b>



08.00 - 10.00	<b>Seminar 10: MEDICAL APPROACHES</b> Chair: Annemiek Nap (Netherlands)
08:00 - 08:20	<b>SL10: MEDICAL APPROACHES</b> Andrew Horne (United Kingdom)
08:20 - 08:35	<b>S10-01: EFFICACY AND SAFETY OF RELUGOLIX COMBINATION THERAPY IN WOMEN WITH ENDOMETRIOSIS-ASSOCIATED PAIN: PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDIES (SPIRIT 1 AND 2)</b> Sawsan As-Sanie (United States)
08:35 - 08:50	<b>S10-02: CANNABIS USE, A SELF-MANAGEMENT STRATEGY AMONGST AUSTRALIAN WOMEN WITH ENDOMETRIOSIS</b> Mike Armour (Australia)
08:50 - 09:05	<b>S10-03: DOUBLE-MASKED, PLACEBO-CONTROLLED TRIAL OF BOTULINUM TOXIN FOR ENDOMETRIOSIS-ASSOCIATED CHRONIC PELVIC PAIN: 1-MONTH AND LONGITUDINAL DATA</b> Pamela Stratton (United States)
09:05 - 09:20	<b>S10-04: ELAGOLIX 300 MG BID PLUS STANDARD DOSE HORMONAL ADD-BACK CONSISTENTLY INHIBITS OVULATION IN HEALTHY PREMENOPAUSAL WOMEN</b> Keith Gordon (United States)
09:20 - 09:35	<b>S10-05: DRUG TARGETS OF GREEN TEA CATECHINS EGCG AND PRO-DRUG OF EGCG (PRO-EGCG) AS NOVEL TREATMENT FOR ENDOMETRIOSIS DISCOVERED BY CHEMICAL PROTEOMICS</b> Sze Wan Hung (Hong Kong)
09:35 - 10:00	<b>SUMMARY and LIVE DISCUSSION</b>
10.00 - 10.30	<b>Wrapping up WCE2021 with a view to the future</b> Sun-Wei Guo (Joint WCE2021 President) Luk Rombauts (WES President Elect 2020-2023) Andrew Horne (WCE2023 President)
10.30 - 11.00	<b>INTERACTIVE SESSION</b>

## WCE2021 poster presentations

\*Poster presentations are sorted by topic and will be available on the virtual congress platform. The poster showcase will be interactive with the ability to discuss and ask questions. There are interactive poster sessions scheduled on each day of WCE2021, visit the “Networking” tab on the virtual platform and click on “Groups” to select and join a live discussion.

### PS01 ADENOMYOSIS

#### PS01-003 THE MICROBIAL COMPOSITIONAL AND SYMBIOTIC STUDY IN LOWER GENITAL TRACT OF ADENOMYOSIS PATIENTS

Sikai Chen (China)

#### PS01-004 RESEARCH PROGRESS OF MICRORNALET-7 IN THE PATHOGENESIS OF ENDOMETRIOSIS

Hua Duan (China)

#### PS01-007 EXPRESSIONS OF TRANSCRIPTION FACTOR 21 AND PERIOSTIN IN THE EUTOPIC ENDOMETRIUM OF ADENOMYOSIS AND ENDOMETRIOSIS

Tomoko Nakamura (Japan)

#### PS01-008 ADENOMYOSIS INCREASES STRONGLY IN YOUNGER GIRLS, WHY?

##### STUDY 2020 - 30 YOUNG GIRLS WITH ADENOMYOSIS

Michele A. Pierobon (France)

#### PS01-010 LAPAROSCOPIC ADENOMYOMECTOMY COMBINED WITH INTRAOPERATIVE REPLACEMENT OF MIRENA IN THE TREATMENT OF ADENOMYOSIS: FEASIBILITY AND EFFECTIVENESS

Feng Sun (China)

#### PS01-011 LABEL-FREE IDENTIFYING ADENOMYOSIS AND ENDOMETRIOSIS LESIONS VIA STIMULATED RAMAN SCATTERING MICROSCOPY

Zhen Xiao (China)

#### PS01-012 THERAPEUTIC EFFECT OF DAN'E-FUKANG SOFT EXTRACT COMBINED WITH GUIZHI FULING CAPSULE ON PELVIC PAIN CAUSED BY ADENOMYOSIS

Hong Xu (China)

#### PS01-013 INTEGRATED TRANSCRIPTOME SEQUENCING ANALYSIS REVEALS EXPRESSION OF CEBPB IN ADENOMYOSIS AND ITS POSSIBLE ROLE IN PATHOGENESIS

Bingxin Yang (China)

#### PS01-014 LONG-TERM COMPREHENSIVE MANAGEMENT OF LARGE DIFFUSE ADENOMYOSIS BY CONSERVATIVE SURGERY COMBINED WITH GNRH-A AND LNG-IUS

Shaofen Zhang (China)

#### PS01-015 ENDOMETRIAL GENE EXPRESSION IN WOMEN WITH ADENOMYOSIS, ENDOMETRIOSIS AND OTHER GYNAECOLOGIC PATHOLOGIES AND THE POTENTIAL FOR SPECIFIC DIAGNOSTICS BIOMARKERS

Brett McKinnon (Australia)

## PS02 DIAGNOSTICS

### PS02-001 EXTRAPELVIC ENDOMETRIOSIS: A DIAGNOSTIC AND THERAPEUTIC CHALLENGE

Celine Bafort (Belgium)

### PS02-002 ANALYSIS OF CHARACTERISTICS AND INFLUENCE FACTORS ASSOCIATED WITH DELAY IN DIAGNOSIS OF DEEP INFILTRATING ENDOMETRIOSIS (D.I.E.)

Kaikai Chang (China)

### PS02-004 THE ROLE OF RECTOVAGINAL EXAMINATION IN THE PREOPERATIVE DIAGNOSTICS OF DEEP INFILTRATING ENDOMETRIOSIS OF THE UTEROSACRAL LIGAMENTS (COMPARTMENT B OF THE ENZIAN- CLASSIFICATION)

Philip Sebastian Trautner (Austria)

### PS02-005 ASSESSING THE INTERNATIONAL GENERAL POPULATION KNOWLEDGE OF ENDOMETRIOSIS DIAGNOSIS

Mathew Leonardi (Canada)

### PS02-006 DOES EXIST A DIFFERENCE BETWEEN ULTRASOUND PATTERN IN OVARIAN ENDOMETRIOMA AND ITS RECURRENCE?

Claudiu Marginean (Romania)

### PS02-007 ANOGENITAL DISTANCE AS BIOMARKER FOR PRENATAL HORMONAL ENVIRONMENT IS ASSOCIATED WITH ENDOMETRIOSIS

Velja Mijatovic (Netherlands)

### PS02-008 BLADDER ENDOMETRIOSIS: EXPERIENCE IN RAMATHIBODI HOSPITAL.

Katanyuta Nakpalat (Thailand)

### PS02-009 IS THERE ANY COMPATIBILITY BETWEEN RASRM LAPAROSCOPIC STAGING AND ENZIAN MAGNETIC RESONANCE IMAGING STAGING? A PRELIMINARY REPORT.

Edgardo Rolla (Argentina)

### PS02-010 LATERAL FORNIX ENDOMETRIOSIS MIMICKING VAGINAL MALIGNANCY: A CASE REPORT

Jimmy Sakti Nanda Berguna (Indonesia)

### PS02-011 ROLE OF TRANSRECTAL ENDOSONOGRAPHY IN PLANNING OF OPERATIONS FOR SUSPECTED RECTAL INVOLVEMENT IN DEEP INFILTRATING ENDOMETRIOSIS

Sebastian Schaefer (Germany)

### PS02-012 THE PRESENCE OF OVARIAN ENDOMETRIOMA AS A SCREENING TOOL FOR EVALUATING DEEP INFILTRATING ENDOMETRIOSIS (DE): A HEALTH ECONOMICS ASSESSMENT OF A TERTIARY REFERRAL UNIT

Prasanna Raj Supramaniam (United Kingdom)

### PS02-014 CIRCULATING MIRNAS IN THE BABOON MODEL FOR ENDOMETRIOSIS

Arne Vanhie (Belgium)

**PS02-015 DIAGNOSTIC ACCURACY OF MRI SCREENING FOR DEEP INFILTRATING ENDOMETRIOSIS**

Yunxi Zheng (China)

**PS02-016 VALUE OF MRI 3D-SPACE SEQUENCE IN PREOPERATIVE ASSESSMENT OF DEEPLY  
INFILTRATING ENDOMETRIOSIS**

Shouxin Gu (China)

## PS03 EPIDEMIOLOGY AND RISK FACTORS

### PS03-001 PREVALENCE OF ENDOMETRIOSIS AND ITS SYMPTOMS AMONG YOUNG JORDANIAN WOMEN WITH CHRONIC PELVIC PAIN REFRACTORY TO CONVENTIONAL THERAPY

Moamar Al-Jefout (Jordan)

### PS03-002 INCIDENCE OF ENDOMETRIOSIS IN WOMEN WITH GESTATIONAL HYPERTENSION AND PREECLAMPSIA

Erkut Attar (Turkey)

### PS03-004 DEEP INFILTRATIVE ENDOMETRIOSIS OF THE POSTERIOR CUL DE SAC AS A COMPLICATION OF NORMAL VAGINAL DELIVERY: A NEW CLINICAL ENTITY?

Michel Canis (France)

### PS03-005 THE URINARY MONO-N-BUTYL PHTHALATE LEVELS ARE POSITIVE ASSOCIATED WITH ENDOMETRIOSIS AND ITS BIOLOGICAL EFFECTS ON HUMAN GRANULOSA CELLS

Ya-ching Chou (Taiwan)

### PS03-006 NEONATAL UTERINE BLEEDINGS: AN IGNORED SIGN, BUT A POSSIBLE CAUSE FOR EARLY-ONSET ENDOMETRIOSIS. A SYSTEMATIC REVIEW

Judith Dekker (Netherlands)

### PS03-007 BIRTH REGISTER FOR DEEP ENDOMETRIOSIS

Simon-Hermann Enzelsberger (Austria)

### PS03-008 TANNING BED AND RESIDENTIAL SUN EXPOSURE AND RISK OF ENDOMETRIOSIS: A PROSPECTIVE COHORT STUDY

Leslie V. Farland (United States)

### PS03-009 A PROSPECTIVE STUDY OF ENDOMETRIOSIS AND RISK OF TYPE 2 DIABETES

Leslie V. Farland (United States)

### PS03-010 ASSESSMENT OF THE PATIENT PROFILE OF HISPANIC/LATINO WOMEN WITH ENDOMETRIOSIS USING THE ENDOMETRIOSIS PHENOME PROJECT (EPHECT) QUESTIONNAIRE II: CLINICAL AND OBSTETRIC ASPECTS

Idhaliz Flores (Puerto Rico)

### PS03-012 ENDOMETRIOSIS, PSORIASIS AND PSORIATIC ARTHRITIS: A PROSPECTIVE COHORT STUDY

Holly Harris (United States)

### PS03-013 HORMONAL CONTRACEPTION AND VENOUS THROMBOSIS RISK IN WOMEN WITH AND WITHOUT ENDOMETRIOSIS

Dorthe Hartwell (Denmark)

### PS03-014 INCREASED ASSOCIATION OF OVARIAN CANCER IN 2,490 WOMEN WITH HISTOLOGICALLY PROVEN ENDOSALPINGIOSIS.

Marjolein Hermens (Netherlands)

**PS03-015 RISK OF OVARIAN CANCER IN 131,450 WOMEN WITH HISTOLOGICALLY PROVEN ENDOMETRIOSIS. THE ENOCA POPULATION-BASED COHORT STUDY.**

Marjolein Hermens (Netherlands)

**PS03-016 THE 25-HYDROXYVITAMIN D SERUM LEVELS IN WOMEN WITH OVARIAN AND DEEP INFILTRATING ENDOMETRIOSIS**

Cihan Kaya (Turkey)

**PS03-017 THE NATURAL HISTORY OF ENDOMETRIOSIS RECURRENCE: A LONG-TERM, HOSPITAL POPULATION-BASED, NON-INTERVENTIONAL COHORT STUDY**

Lijuan Ma (Switzerland)

**PS03-018 DANISH TRANSLATION OF THE WERF EPHECT CLINICAL QUESTIONNAIRE STANDARD (EPQS)- VALIDATION OF BOTH THE PAPER AND ELECTRONIC VERSION**

Mette Elkjær Madsen (Denmark)

**PS03-019 THE USE OF COMPLEMENTARY AND ALTERNATIVE TREATMENTS FOR COPING WITH ENDOMETRIOSIS-ASSOCIATED PELVIC PAIN**

McKenzie Goodwin (United States)

**PS03-020 INVESTIGATION OF SYMPTOMATOLOGY, RISK FACTORS AND COMORBIDITIES ASSOCIATED WITH ENDOMETRIOSIS IN THE MIDDLE EAST: A META-ANALYSIS PLUS STUDY OF 2,610 ARAB-ANCESTRY WOMEN**

Mira Mousa (United Kingdom)

**PS03-021 CHARACTERISTICS OF WOMEN WITH CHRONIC PELVIC PAIN: WHO HAS ENDOMETRIOSIS AND WHO GETS SURGERY?**

Shweta Nair (Australia)

**PS03-022 ENDOMETRIOSIS-ASSOCIATED SYMPTOMS AND DIAGNOSTIC DELAY: AN ONLINE SURVEY IN AUSTRALIA**

Melissa Parker (Australia)

**PS03-023 THE CYPRUS WOMEN'S HEALTH RESEARCH (COHERE) INITIATIVE: QUALITY OF LIFE MEASURES FROM A CROSS-SECTIONAL EASTERN MEDITERRANEAN WOMEN'S HEALTH STUDY**

Bethan Swift (United Kingdom)

**PS03-024 IMPACT OF ENDOMETRIOSIS ON PREGNANCY AND DELIVERY - A RETROSPECTIVE STUDY**

Sebastian Schaefer (Germany)

**PS03-025 THE ASSOCIATION BETWEEN MENSTRUAL SYMPTOMS AND BODY MASS INDEX IN THE MENSTRUAL DISORDER OF TEENAGERS (MDOT) STUDY: A STATISTICAL ANALYSIS OF A QUANTITATIVE SURVEY**

Emily Buckley (Australia)

## PS04 EXPERIMENTAL MODELS

### PS04-001 CHANGES IN THE VOLUME AND HISTOLOGY OF FOCUS OF ENDOMETRIOSIS IN RATS TREATED WITH ZINGIBER OFFICINALE ROSCOE (GINGER)

João Nogueira Neto (Brazil)

### PS04-002 INFLUENCE OF DOXYCYCLINE IN EXPERIMENTALLY INDUCED ENDOMETRIOSIS IN RATS

Julio Rosa-e-silva (Brazil)

### PS04-003 IMPACT OF BEVACIZUMAB ON EXPERIMENTALLY INDUCED ENDOMETRIOTIC LESIONS: ANGIOGENESIS, INVASION, APOPTOSIS, AND CELL PROLIFERATION

Julio Rosa-e-silva (Brazil)

## PS05 GENETICS / EPIGENETICS / TRANSCRIPTOMICS

### PS05-001 DUAL EFFECTS OF EPIGENETIC INHIBITORS IN ENDOMETRIOSIS

Sarah Brunty (United States)

### PS05-002 THE DISTINCTION OF EUTOPIC AND ECTOPIC ENDOMETRIUM OF WOMEN WITH ENDOMETRIOMAS AND NORMAL ENDOMETRIUM

Svetlana Dubrovina (Russian Federation)

### PS05-003 REFERENCE GENES FOR THE NORMALIZATION OF RT-QPCR GENE EXPRESSION IN EMSC OBTAINED FROM MENSTRUAL FLOW OF ENDOMETRIOSIS

Juliana Meola (Brazil)

### PS05-004 ANCESTRY MODULATES ENDOMETRIOSIS RISK: STUDIES ON AN ADMIXED HISPANIC POPULATION

Idhaliz Flores (Puerto Rico)

### PS05-005 LEVERAGING EPIGENETICS TO UNDERSTAND ECTOPIC TISSUE ORIGIN

Katie Leap (United States)

### PS05-006 COMPARING THE TRANSCRIPTOMIC PROFILES OF ENDOMETRIAL CELLS IN FRESH AND CRYOPRESERVED SAMPLES USING SINGLE-CELL RNA-SEQUENCING

Magda Mareckova (United Kingdom)

### PS05-007 PREDICTION OF ENDOMETRIOSIS USING GENETIC RISK SCORES

Mette Nyegaard (Denmark)

### PS05-008 SOMATIC CANCER-DRIVER MUTATIONS AND SEXUAL PAIN PHENOTYPE IN ENDOMETRIOSIS: A PILOT STUDY

Natasha Orr (Canada)

### PS05-009 FINE-MAPPING, FUNCTIONAL AND PHENOTYPIC FOLLOW-UP OF 44 GENOME-WIDE SIGNIFICANT ENDOMETRIOSIS ASSOCIATED LOCI IN 61K CASES AND 711K CONTROLS

Nilufer Rahmioglu (United Kingdom)



**PS05-010 DIFFERENTIAL EXPRESSION OF GENES AND MICRORNAS IN THE DIFFERENT PHENOTYPES OF PATIENTS WITH ENDOMETRIOSIS**

Julio Rosa-e-silva (Brazil)

**PS05-011 IDENTIFYING CAUSAL GENES AND DYSREGULATED PATHWAYS IN ENDOMETRIOTIC EPITHELIAL CELLS**

Merli Saare (Estonia)

## PS06 INFERTILITY AND FERTILITY PRESERVATION

### PS06-001 ENDOMETRIOSIS FERTILITY INDEX (EFI): 29 PUBLICATIONS VALIDATE EFI AND NOVEL APPLICATIONS IN PREGNANCY PREDICTION AND CLINICAL MANAGEMENT

David Adamson (United States)

### PS06-003 IS THERE A LINK BETWEEN UTERINE NATURAL KILLER AND PLASMA CELLS AND INFERTILITY PATIENTS WITH ENDOMETRIOSIS?

Alexandra Bielfeld (Germany)

### PS06-004 A SYSTEMATIC REVIEW OF THE MECHANISM OF LIPIODOL ON FERTILITY AND ITS POTENTIAL IMPACT AS A DISEASE MODIFIER IN WOMEN WITH ENDOMETRIOSIS

Faizz Fattah (Australia)

### PS06-006 THE IMPACT OF ENDOMETRIAL POLYPS ON THE PREGNANCY OUTCOME OF WOMEN WITH MINIMAL/MILD ENDOMETRIOSIS

Wei Huang (China)

### PS06-007 FERTILITY OUTCOME AFTER ROBOTIC ASSISTED LAPAROSCOPIC SEGMENTAL BOWEL RESECTION FOR ENDOMETRIOSIS

Rosa Neme (Brazil)

### PS06-008 SURGERY OF COLORECTAL ENDOMETRIOSIS: REPRODUCTIVE OUTPUT

Aleksandr Popov (Russia)

### PS06-009 IS ENDOMETRIOSIS REALLY DETRIMENTAL AT THE TIME OF IN VITRO FERTILIZATION (IVF)?

Edgardo Rolla (Argentina)

### PS06-011 HOW TO TREAT WOMEN WITH ENDOMETRIOSIS RELATED SUBFERTILITY? A PROPOSAL FOR A NEW TREATMENT ALGORITHM

Lisette van der Houwen (Netherlands)

### PS06-012 CLINICAL ANALYSIS OF REPRODUCTIVE PERFORMANCE AFTER SURGERY FOR OVARIAN ENDOMETRIOMA

Li Wang (China)

### PS06-013 FERTILITY AND SURGICAL OUTCOME IN POSTOPERATIVE DEEP INFILTRATING ENDOMETRIOSIS

Ning Zhang (China)

## PS07 ADVANCES IN MEDICAL TREATMENT

### PS07-001 CONTINUOUS NORETHISTERONE ACETATE VERSUS CYCLICAL DROSPIRENONE, 3 MG/ETHINYL ESTRADIOL 20 MG FOR THE MANAGEMENT OF PRIMARY, DYSMENORRHEA IN YOUNG ADULT WOMEN

Moamar Al-Jefout (Jordan)

**PS07-003 MEDICAL TREATMENT OUTCOME OF MILD ENDOMETRIOMA**

Munkhbayar Choijiljav (Mongolia)

**PS07-004 LAPAROSCOPIC SURGERY OF OVARIAN ENDOMETRIOMA AND ANTIMÜLLERIAN HORMONE EVALUATION**

Munkhbayar Choijiljav (Mongolia)

**PS07-005 MEDICAL MANAGEMENT OF ENDOMETRIOSIS-ASSOCIATED PAIN: THE EXPERT OPINION**

Svetlana Dubrovina (Russian Federation)

**PS07-006 ORAL DYDROGESTERONE FOR THE TREATMENT OF CONFIRMED ENDOMETRIOSIS: KEY RESULTS OF OBSERVATIONAL OPEN-LABEL MULTICENTER STUDY OF REAL CLINICAL PRACTICE (THE ORCHIDEA STUDY)**

Svetlana Dubrovina (Russian Federation)

**PS07-007 EFFECTS OF CYCLOTRAXIN-B TREATMENT ON ENDOMETRIOTIC LESION SURVIVAL IN AN IMMUNOCOMPROMISED MOUSE MODEL.**

Anna Leonova (Canada)

**PS07-008 EFFECTIVENESS AND SAFETY OF CHINESE HERBAL MEDICINE FOR ENDOMETRIOSIS ASSOCIATED PAIN: A RETROSPECTIVE CLINICAL DATA ANALYSIS**

Yuezhen Lin (Hong Kong)

**PS07-009 COMPARISON OF THE EFFICACY OF PREVENTIVE RECURRENT DRUGS AFTER CONSERVATIVE SURGICAL TREATMENT OF OVARIAN ENDOMETRIOSIS**

Yuan Lu (China)

**PS07-010 REDUCED PELVIC PAIN IN WOMEN WITH ENDOMETRIOSIS: EFFICACY OF DIENOGEST AFTER AT LEAST 6 MONTH CONTINUOUS TREATMENT: EXPERIENCE WITH 900 CASES**

ROSA NEME (Brazil)

**PS07-011 COMPLICATIONS OF SURGICAL TREATMENT OF COLORECTAL ENDOMETRIOSIS**

Anastasiia Safronova (Russian Federation)

**PS07-012 PRAGMATIC APPROACH TO TREAT PERIMENOPAUSAL WOMEN WITH ENDOMETRIOMA- A FLOW CHART**

Torur Dalsgaard (Singapore)

**PS07-013 APPENDICEAL ENDOMETRIOSIS WITH INTESTINAL METAPLASIA, A RARE OCCURENCE.**

Torur Dalsgaard (Singapore)

**PS07-014 PRECLINICAL INVESTIGATION OF TRADITIONAL CHINESE MEDICINE FORMULA "GUIXIONG XIAOYI " IN TREATMENT OF ENDOMETRIOSIS**

Jing Tang (China)

**PS07-015 EFFICACY, SAFETY AND THERAPEUTIC ACTION OF COMMONLY USED CHINESE HERBAL MEDICINE FORMULAE AND INDIVIDUAL HERBS FOR TREATMENT OF ENDOMETRIOSIS**

Chi Chiu Wang (China)

**PS07-016 EFFICACY OF COMBINATION METFORMIN-DIENOGEST IN COMPARISON WITH DIENOGEST AS MONOTHERAPY IN THE TREATMENT OF ENDOMETRIOSIS-ASSOCIATED PELVIC PAIN.**

Maria Yarmolinskaya (Russian Federation)

**PS07-017 A PROSPECTIVE RANDOMIZED CONTROLLED CLINICAL TRIAL ON EVALUATING THE EFFICACY OF SANJIE ZHENTONG CAPSULE IN ADJUVANT THERAPY FOR ENDOMETRIOSIS POSTOPERATIVELY**

Xiaofang Yi (China)

## **PS08 MICROBIOTA**

**PS08-001 THE STUDY OF ENDOMETRIOSIS AND ADENOMYOSIS RELATED MICROBIOTA IN FEMALE LOWER GENITAL TRACT IN NORTHERN CHINESE POPULATION**

Sikai Chen (China)

## **PS09 MOLECULAR TARGETS FOR DIAGNOSIS AND THERAPY**

**PS09-001 ENHANCED LOCAL AND SYSTEMIC INFLAMMATORY CYTOKINE MRNA EXPRESSION IN WOMEN WITH ENDOMETRIOSIS EVOKES COMPENSATORY ADAPTIVE REGULATORY MRNA RESPONSE THAT MEDIATES IMMUNE SUPPRESSION AND IMPAIRS CYTOTOXICITY**

Emma Björk (Sweden)

**PS09-002 ELEVATED URINE HISTONE 4 LEVELS IN WOMEN WITH OVARIAN ENDOMETRIOSIS REVEALED BY DISCOVERY AND PARALLEL REACTION MONITORING PROTEOMICS**

Xin Chen (China)

**PS09-003 PELVIC PAIN CORRELATES WITH PERITONEAL MACROPHAGE ABUNDANCE NOT ENDOMETRIOSIS**

Douglas Gibson (United Kingdom)

**PS09-004 MACROPHAGES INHIBIT AND ENHANCE ENDOMETRIOSIS DEPENDING ON THEIR ORIGIN**

Erin Greaves (United Kingdom)

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Taija Heinosalo (Finland)

**PS09-006 REPURPOSING DICHLOROACETATE FOR THE TREATMENT OF WOMEN WITH ENDOMETRIOSIS**

Andrew Horne (United Kingdom)

**PS09-007 ALTERATION OF IMMUNE PROFILES IN PATIENTS WITH ENDOMETRIOSIS**

Julio Ricardo Loret de Mola (United States)

**PS09-008 THE ASSOCIATION BETWEEN EPITHELIAL TO MESENCHYMAL TRANSITION AND THE EXPRESSION OF PROGESTERONE AND ESTROGEN RECEPTORS IN ENDOMETRIOSIS TISSUE**

Lijuan Ma (Switzerland)

**PS09-009 OPTIMIZING SIGNALLING PATHWAYS FOR DECIDUALIZATION INDUCTION OF ENDOMETRIAL STROMAL CELLS OF PATIENTS WITH ENDOMETRIOSIS**

Janine Moyer (Germany)

**PS09-013 IL-2 AND IL-27 SYNERGISTICALLY PROMOTE GROWTH AND INVASION OF ENDOMETRIOTIC STROMAL CELLS BY MAINTAINING THE BALANCE OF IFN- $\gamma$  AND IL-10 IN ENDOMETRIOSIS**

Xuemin Qiu (China)

**PS09-015 PROTEOMICS ANALYSIS OF PLASMA IN ENDOMETRIOSIS PATIENTS USING TWO PROTEOMICS PLATFORMS**

Ryoko Takubo (Japan)

**PS09-016 MYELOID-DERIVED SUPPRESSOR CELLS IN ENDOMETRIOSIS**

Zimeng Zheng (China)

**PS10 PAIN AND PAIN MECHANISMS****PS10-001 AUTONOMIC NERVOUS SYSTEM IRREGULARITIES AND PSYCHOLOGICAL DISORDERS IN ENDOMETRIOSIS**

Erkut Attar (Turkey)

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Rebecca Li (New Zealand)

**PS10-003 IS MACROPHAGE A THERAPEUTIC TARGET FOR ENDOMETRIOSIS-ASSOCIATED PAIN?**

Shike Lin (Hong Kong)

**PS10-004 TWO MOUSE MODELS OF ENDOMETRIOSIS FOR UNDERSTANDING THE MECHANISMS CONTRIBUTING TO CHRONIC PELVIC PAIN (CPP) AND CROSS-ORGAN SENSITISATION INDUCED COMORBIDITIES**

Jessica Maddern (Australia)

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Stacy McAllister (United States)

**PS10-006 PELVIC FLOOR, ABDOMINAL AND UTERINE TENDERNESS IN RELATION TO PRESSURE-PAIN THRESHOLDS AMONG WOMEN WITH ENDOMETRIOSIS AND CHRONIC PELVIC PAIN**

Amy Shafir (United States)

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Veerle Veth (Netherlands)

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Katy Vincent (United Kingdom)

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Kristine Andrea Ibonia (Philippines)

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Harald Krentel (Germany)

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Velja Mijatovic (Netherlands)

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Annemiek Nap (Netherlands)

### PS11-006 DISEASE-SPECIFIC KNOWLEDGE SUPPORTS PATIENTS AND RELATIVES IN MANAGING DAILY LIFE WITH ENDOMETRIOSIS - HOW FOLLOW UP WAS REORGANIZED AND EVALUATED IN A DANISH OUTPATIENT CLINIC

Susan Munch Simonsen (Denmark)

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Anneke Schreurs (Netherlands)

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Saeed Alborzi (Iran)

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Mike Armour (Australia)

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Sophia Braund (France)

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Michel Canis (France)

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Sikai Chen (China)

**PS12-006 OUTCOMES OF PREGNANCY AFTER LAPAROSCOPIC CYSTECTOMY IN INFERTILITY PATIENTS WITH ENDOMETRIOMA AND STAGE III-IV ENDOMETRIOSIS: A LONG TERM FOLLOW-UP COHORT STUDY.**

Sikai Chen (China)

**PS12-007 ME, MY ENDOMETRIOSIS AND MY 16 YEAR OLD SELF**

Donna Ciccio (Australia)

**PS12-008 UNCOVERING THE IMPACT ENDOMETRIOSIS IS HAVING ON WOMEN'S LIVES - INCLUDING THEIR EDUCATION, CAREER AND MENTAL HEALTH**

Emma Cox (United Kingdom)

**PS12-009 CORRELATION BETWEEN ENDOMETRIOSIS AND PHYSICAL ACTIVITY PRACTICE**

Brunely Galvão (Brazil)

**PS12-010 DOES ENDOMETRIOSIS HAVE AN EFFECT ON THE SURVIVAL OF WOMEN WITH SYNCHRONOUS ENDOMETRIAL AND OVARIAN CANCER?**

HALE Goksever Celik (Turkey)

**PS12-011 IMPACT OF ENDOMETRIOSIS ON QUALITY OF LIFE AND WORK PRODUCTIVITY IN PATIENTS FROM A CITY IN BRAZIL NORTHEAST ACCORDING TO ENDOMETRIOSIS HEALTH PROFILE (EHP-30)**

Vinicius Gonçalves Melo (Brazil)

**PS12-012 ASPECTS OF PAIN CONTROL, EMOTIONAL WELL-BEING, SOCIAL SUPPORT AND SELF-IMAGE OF ENDOMETRIOSIS PATIENTS ACCORDING TO ENDOMETRIOSIS HEALTH PROFILE IN A CITY IN THE BRAZILIAN NORTHEAST**

Vinicius Gonçalves Melo (Brazil)

**PS12-013 IMPACT OF ENDOMETRIOSIS IN MOTHER WITH CHILD RELATIONSHIP IN A CITY IN THE BRAZILIAN NORTHEAST ACCORDING TO ENDOMETRIOSIS HEALTH PROFILE (EHP-30)**

Vinicius Gonçalves Melo (Brazil)

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Liping Han (China)

**PS12-016 EFFICACY OF DIENOGEST ON IMPROVING PAIN SYMPTOMS AND ENDOMETRIOMA SIZE IN PATIENTS WITH ENDOMETRIOSIS- A MULTICENTER STUDY**

Cihan Kaya (Turkey)

**PS12-017 OUTCOMES IN WOMEN UNDERGOING SURGICAL INTERVENTIONS FOR PELVIC PAIN AT A TERTIARY REFERRAL CENTER: A PROSPECTIVE COHORT**

Caroline Lee (Canada)

**PS12-018 THE IMPACT OF POSSIBLE INFERTILITY IN ENDOMETRIOSIS PATIENTS IN A CITY IN THE BRAZILIAN NORTHEAST ACCORDING TO ENDOMETRIOSIS HEALTH PROFILE (EHP-30)**

Miguel Vinicius Lima Reis Costa (Brazil)



**PS12-019 QUALITY OF SEX LIFE IN ENDOMETRIOSIS PATIENTS ACCORDING TO ENDOMETRIOSIS HEALTH PROFILE (EHP-30) IN A CITY IN THE BRAZILIAN NORTHEAST.**

Miguel Vinicius Lima Reis Costa (Brazil)

**PS12-020 PREVALENCE OF DEPRESSIVE SYMPTOMS IN ENDOMETRIOSIS PATIENTS IN A CITY IN THE BRAZILIAN NORTHEAST ACCORDING TO BECK DEPRESSION INVENTORY-II (BDI-II)**

Miguel Vinicius Lima Reis Costa (Brazil)

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Cecilia Ng (Australia)

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Rebecca O'Hara (Australia)

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Rebecca O'Hara (Australia)

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Rebecca O'Hara (Australia)

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Essam Othman (Egypt)

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Nicola Pluchino (Switzerland)

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Horace Roman (France)

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Amartuvshin Tumenjargal (Mongolia)

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Majorie Van De Kar (Netherlands)

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Yushi Wu (China)

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Pinar Yalcin Bahat (Turkey)

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Pinar Yalcin Bahat (Turkey)

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Andrea Romano (Netherlands)

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Andrea Romano (Netherlands)

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Pamela Stratton (United States)

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Cihan Kaya (Turkey)

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Caroline Lee (Canada)

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**PS14-007 MANAGEMENT OF DEEP INFILTRATING ENDOMETRIOSIS TREATMENT WITH ROBOTIC ASSISTED LAPAROSCOPIC BOWEL RESECTION: 11 YEAR EXPERIENCE**

ROSA NEME (Brazil)

**PS14-008 FOLLOW-UP AFTER URETERAL REIMPLANTATION ON 18 PATIENTS WITH DEEP INFILTRATING ENDOMETRIOSIS: TECHNIQUE AND FOLLOW UP**

ROSA NEME (Brazil)

**PS14-009 MINIMALLY INVASIVE LAPAROSCOPIC MANAGEMENT OF URETERAL ENDOMETRIOSIS. ANALYSIS OF 198 CASES WITH A MEAN FOLLOW UP OF 60 MONTHS**

ROSA NEME (Brazil)

**PS14-010 CYSTO-LAPAROSCOPIC GUIDED RESECTION OF DEEP INVASIVE ENDOMETRIOSIS OF BLADDER DETRUSOR MUSCULATURE WITH MUCOSAL PRESERVATION. DESCRIPTION OF TECHNIQUE AND PATIENTS FOLLOW UP.**

ROSA NEME (Brazil)

**PS14-011 DEEP INFILTRATING ENDOMETRIOSIS IN THE BOWEL: COMPARISON BETWEEN ROBOTIC AND LAPAROSCOPIC RETOSIMOIDECTOMY IN 830 PATIENTS IN A SINGLE CENTER**

ROSA NEME (Brazil)

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Rosa Neme (Brazil)

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Antoine Netter (France)

**PS14-014 SURGICAL TREATMENT OF DEEP INFILTRATIVE ENDOMETRIOSIS**

Anastasiia Safronova (Russian Federation)

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Takehiko Tsuchiya (Japan)

**PS14-016 SAFETY EVALUATION ON SURGERIES FOR BOWEL ENDOMETRIOSIS: A SYSTEMATIC REVIEW AND META-ANALYSIS**

Yunxi Zheng (China)

**PS14-017 LAPAROENDOSCOPIC SINGLE-SITE COMPARED WITH CONVENTIONAL LAPAROSCOPIC OVARIAN CYSTECTOMY FOR OVARIAN ENDOMETRIOMA**

Xingnan Zhou (China)