

# **CURRICULUM VITAE**

# **SEANG LIN TAN**

MBBS, FRCOG, FRCSC, FACOG, MMed(O&G), MBA

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# DR. SEANG LIN TAN CURRICULUM VITÆ

#### **PERSONAL**

Birthplace: Malaysia

Citizenship: Canadian

Marital Status: Married to Grace Tai Han U

- B.Sc. (Pharm) (Hons)

(University of British Columbia, Canada)

- M.Sc. (Econ)

(London School of Economics)D. Phil. (Oxford University)

Children: Leonard Tan Huai Li and Justin Tan Huai Jin

**Business Address:** - MUHC Reproductive Centre

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kykk888@gmail.com sltan@originelle.com Prof.sltan.ivf@gmail.com

#### **EDUCATION AND TRAINING**

| Degree     | Institution   |           |
|------------|---|-----------|
| MBBS       | University of Singapore   | 1977      |
| MMed (O&G) | National University of Singapore  | 1982      |
| MRCOG      | Royal College of Obstetricians and Gynaecologists<br>(London, UK)<br>Awarded MRCOG Gold Medal | Jan. 1983 |

| Degree                 | Institution   | Year |
|------------------------|---|------|
| FRCOG                  | Royal College of Obstetricians and Gynaecologists (London)  | 1995 |
| FRCSC                  | Royal College of Physicians and Surgeons (Canada)   | 1995 |
| MBA (with distinction) | New York University, London School of Economics and HEC Grande Ecole, Paris – TRIUM Executive Program |      |
| FACOG                  | American College of Obstetricians and Gynecologists   |      |

#### **CERTIFICATION AND LICENSURE**

| • | Singapore Medical Council                                   | 1977 |
|---|---|------|
| • | General Medical Council (United Kingdom)                    | 1979 |
| • | Royal College of Obstetrics and Gynecology (United Kingdom) | 1983 |
| • | Academy of Medicine, Singapore                              | 1987 |
| • | College des medecins du Québec                              | 1994 |
| • | Royal College of Physicians and Surgeons of Canada          | 1995 |

#### PREVIOUS APPOINTMENTS AND POSITIONS HELD

House Officer ...... April 1977 to April 1978

- B Unit, Kandang Kerbau Hospital
- University Department of Surgery
- University Department of Medicine II Singapore General Hospital

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- Anaesthetic Unit, Kandang Kerbau Hospital
- Accidents and Emergencies Unit, Alexandra Hospital
- Department of Surgery, Alexandra Hospital
- Department of Obstetrics and Gynaecology, Alexandra Hospital
- Department of Surgery B, Singapore General Hospital

#### Trainee in Obstetrics and Gynaecology ......October 1980 to October 1982

- Kandang Kerbau Hospital B Unit, Singapore
  - Passed Master of Medicine (Obstetrics and Gynaecology) examination in December 1982 and membership examination of the Royal College of Obstetricians and Gynaecologists in January 1983. Awarded MRCOG Gold Medal.

#### Registrar in Obstetrics and Gynaecology ...... March 1983 to July 1987

• Kandang Kerbau Hospital B Unit, Singapore

- Visiting Fellow in Reproductive Endocrinology Foothills Hospital, University of Calgary, Canada, and Massachusetts General and Beth Israel Hospitals, Harvard University, USA
- Clinical Fellow in Reproductive Endocrinology & Infertility Cobbold Laboratories, The Middlesex Hospital University of London, UK
  - Admitted as a member of the Academy of Medicine, Singapore, and accredited with specialist certification in Obstetrics and Gynaecology after three years of approved post-MRCOG/MMed (O&G) higher training.
  - Certificate of equivalent training for consultant accreditation obtained from the Royal College of Obstetricians and Gynaecologists, London, and Registration of Completion of Specialist Training in Obstetrics and Gynaecology obtained from the General Medical Council, U.K.

#### Senior Registrar in Obstetrics and Gynaecology... September 1987 to March 1989

 Kandang Kerbau Hospital B Unit, Singapore

Clinical Research Fellow March 1989 to March 1990

• The Assisted Conception Unit Academic Department of Obstetrics and Gynaecology King's College School of Medicine and Dentistry University of London, UK

• The Assisted Conception Unit, Academic Department of Obstetrics and Gynaecology, King's College School of Medicine and Dentistry University of London, UK

#### Senior Lecturer/Honorary Consultant...... May 1991 to December 1994

 Department of Obstetrics and Gynaecology King's College School of Medicine and Dentistry University of London, UK

#### Obstetrician and Gynecologist in Chief ...... December 1994 July 1998

 Royal Victoria Hospital Montreal, Quebec, Canada

#### Chairman ...... December 1994 to June 2010

• Department of Obstetrics and Gynecology McGill University Montreal, Quebec, Canada

## Obstetrician and Gynecologist in Chief...... July 1998 to June 2010

 McGill University Health Centre Montreal, Quebec, Canada

#### 

• McGill Reproductive Centre Montreal, Quebec, Canada

#### Founding Medical Director......2009 to Present

• Montreal Reproductive Centre / Originelle Fertility Clinic & Women's Health Centre Montreal, Quebec, Canada

#### **CURRENT APPOINTMENTS**

James Edmund Dodds Chair in
Obstetrics and Gynecology and
Professor of Obstetrics and Gynecology ......December 1994 to present

 Department of Obstetrics and Gynecology McGill University Montreal, Quebec, Canada

#### Founding Medical Director......August 2010 to present

• OriginElle Fertility Clinic and Women's Health Centre Montreal, Quebec, Canada

#### **MAJOR ACHIEVEMENTS**

#### **McGill Reproductive Centre**

- Founder and Medical Director of the McGill Reproductive Centre (McGill RC), which opened in 1996.
- Our IVF success rate is one of the highest internationally, with a clinical pregnancy rate of over 60% per cycle started in women under 35 years of age. Our clinical pregnancy rate through in-vitro maturation of oocytes (IVM) is 35% per cycle, which is among the highest in the world.
- Co-developer of a new rapid-freezing process for human eggs called "McGill Cryoleaf Vitrification" which we offer to cancer patients before they undergo chemotherapy and to others at risk of premature ovarian failure in order to preserve their fertility. In April 2005, a healthy baby was born from an egg previously vitrified at the McGill RC, the first successful birth of this type in Canada. In July 2007, the McGill RC announced the birth of the world's first baby conceived from a previously vitrified in-vitro matured oocyte. To date, the McGill RC has reported a total of four livebirths conceived from previously frozen IVM oocytes and 22 other livebirths from IVF oocyte vitrification. The survival rate of thawed oocytes is 85% and the clinical pregnancy and livebirth rates per cycle using vitrified oocytes are 45% and 40%, respectively. The survival rate of thawed oocytes at Originelle Fertility Clinic is currently over 95%.
- Leader of the team at the McGill RC that has achieved:
  - the first air-transport IVF program in North America
  - the world's first air-transport IVF pregnancy
  - the first successful PGD birth in Canada
  - the first IVM (IVF without hormonal stimulation) birth in Canada
  - the first IVM twin birth in the world
  - the world's first IVM/PGD (genetic diagnosis of embryos) pregnancy
  - the first IVM egg donation pregnancy in North America
  - first baby born in Canada from previously frozen egg (as per above)
  - first four babies in the world born from IVM oocyte vitrification (as per above)

- Originelle Fertility Clinic and Women's Health Centre
  - Improved oocyte cryopreservation by L-Carnitine supplementation during vitrification and thawing of mouse GV-oocytes, IVM, and embryo culture on preimplantation development after IVF.
  - First series of transvaginal ultrasound directed embryo transfer pregnancies and livebirths in Canada
  - First report of GnRH agonist trigger in short stimulation modified natural IVF IVM cycle in the world
  - First series of triple stimulation, triple OPU embryo banking and PGS cases in IVF

#### **Organizational**

- In 1995, established Departmental Practice Plan in which 5% of physicians' income in the hospital is collected to support academic activities. Since its inception, the practice plan has provided financial support to the Department and a sense of ownership and involvement in Departmental governance that has fostered change.
- In 1995, established in-house on-call system where an obstetrician stays in the case room 24 hours a day.
- Expanded the Department in spite of university and hospital budget cuts during first few years of my chairmanship. At the beginning of my tenure, Department's hospital budget showed a heavy deficit. Streamlined expenditures and kept budget on track so effectively that, in some years, the Department showed a small surplus, which was reinvested to improve obstetrics/gynecology services.
- Established three endowed chairs in the Department of Obsetrics and Gynecology at McGill University: the Milton Leong Chair in Reproductive Endocrinology and Infertility (2001), the Richard Cruess Chair in Reproductive Biology (2004) and the Robert Kinch Chair in Women's Health (2005). There are very few endowed chairs in any other department of obstetrics and gynecology in Canada. Proceeds from McGill Reproductive Centre have been instrumental in providing a large percentage of funding for each of these chairs.
- In 2004, spearheaded the creation of new clinics to treat multiple pregnancy, menopause/PMS, chronic pelvic pain and recurrent miscarriage
- In 2004 and 2005, created a women's health fundraising committee to help finance the purchase of new equipment, recruitment, research and education.

#### Research

- Increased number of full-time PhD researchers from three in 1994 to eight by 2004. These include an embryologist who developed the current technique for PGD using single cells from embryos conceived through IVF; an expert in the field of oogenesis and early embryogenesis who has also developed an IVM culture medium and who is a pioneer in the cryopreservation of oocytes and ovarian tissue; a molecular embryologist; and an obstetrician/perinatal researcher who, in 1996, together with biomedical engineers, developed a novel technique of intrapartum fetal oxygen saturation monitoring.
- Most important contributions to the field of research since my appointment as Chair of the Department:
  - Senior author of 2 studies that were the first in the world to demonstrate that hCG priming prior to immature oocyte retrieval in women with PCO

increases the maturation rate and produces high pregnancy rates (*Human Reprod*, 2000; 15:165-170. *N Eng J Med*, 1999; 341:1624-1626). This has led to safer infertility treatment since there is no risk of OHSS. It allows egg donors to be more easily recruited (*Fertility and Sterility*, 2007; 88: 62-67).

- Participated in a study that was the first in the world to show that measurement of intra-ovarian stromal blood flow by color Doppler ultrasound is useful to select the appropriate dose of gonadotropins (*Obstet Gynecol*, 1996; 88:779-784. *Fertil Steril*, 1999; 71:22-29) for ovarian stimulation, thus reducing the incidence of poor response and OHSS.
- Participated in a study involving the first successful freezing of an entire organ in any animal species ("Fertility after intact ovary transplantation," *Nature*, 2002, Vol. 415, pg. 385).
- Co-developed (with Dr. R.C. Chian) the Cryoleaf device for use in the vitrification of oocytes (2003).
- Co-developed (with McGill Department of Engineering) an incubator for use in transport IVF. The device can safely store and transport human oocytes and sperm for up to 24 hours, much longer than any incubator currently available.
- Senior author of report on the first 4 IVM oocyte vitrification livebirths in the world (*Fertility and Sterility*, 2009; 91:372-376).
- Successfully improved combined IVM and oocyte vitrification by addition of L-Carnithine in the mouse model, which would hopefully allow the treatment to be as successful as combined IVF and oocyte vitrification in a few years time (Moawad AR, **Tan SL**, Xu B, Chen HY, Taketo T. L-carnitine supplementation during vitrification of mouse oocytes at the germinal vesicle stage improves preimplantation development following maturation and fertilization in vitro. *Biology of Reproduction*. 2013; 88:104.)
- First series of transvaginal ultrasound directed embryo transfer pregnancies and livebirths in Canada. (Michael H. Dahan, Zhang Lei, Karen Buzaglo, Hai-Ying Chen, **Tan SL**. A Case Report: The First Transvaginal Ultrasound-Guide Embryo Transfer And Pregnancy In Vitro Fertilization Cycle In Canada. International Journal Of Advances In Case Reports, International Journal Of Advances In Case Report, 2016;3:79-81).
- First report of GnRH agonist trigger in short stimulation modified natural IVF IVM cycle in the world. (Dahan MH, Zhang L,Chen HY, Tan SL. Early short stimulation modified natural cycle IVF with GnRH agonist trigger and in vitro maturation in a woman with polycystic ovary syndrome: A case report. Journal of Obstetrics and Gynaecology of Canada. 2016; 38:465-9).
- First series of triple stimulation, triple OPU embryo banking and PGS cases in IVF (paper in preparation)
- Achieving six livebirths in women over age of 44 using own eggs with IVF with oldest at 47 in Quebec (paper in preparation).
- Offer to endow new scholarship for MUHC Research Institute at their request (2015/2016)

- First prize in Basic Science category (had been given Medical Research Council of UK funding) at the European Society of Human Reproduction and Embryology Annual Conference in 2016 –"Unique geometry of sister kinetochores in human oocytes during meiosis I may explain maternal age-associated increases in chromosomal abnormalities". This was in collaboration with University of Warwick group in UK. We found that sister kinetochores appear to be routinely separated, and the separation distance is greater in eggs from older women. These features of kinetochore geometry may make formation of stable attachments more difficult during meiosis I, and these results are significant as they may shed light on why aneuploidy increases with age in human females.

#### Teaching

- To ensure residents understand the fundamentals of research, initiated a new program which required that every resident complete a compulsory research project during residency training. Between 1993 and 1998, resident presentations increased more than four fold and number of resident research prizes tripled.
- Since 1995, created seven research fellowships: Brian Little Fellowship in Reproductive Medicine, Robert Kinch Fellowship in Perinatology, Robert Usher Fellowship in Reproductive Biology, Fellowship in Reproductive Medicine, Reproductive Surgery, two McGill Women's Health Fellowships in Reproductive Medicine.
- Since 1993, recruited and mentored 21 REI fellows. Funding was provided through the above research fellowships.
- Since 2010, teaching and supervision of several students in other departments in Canada, UK, Spain, etc.
- Started course on research methodology and writing of papers in conjunction with Professor Grudzinskas in UK and offered free to all Quebec and Canadian doctors and scientists. In the first course, over 50 participants attended.

#### Activities in Professional/Scientific Societies and Organizing Committees

- Founder, organizer and chairman of the Annual McGill International Symposium on Reproductive Endocrinology and Infertility. Since it was first held in 1996, the Symposium has evolved from a small local meeting into an international event that attracts speakers and attendees from around the world.
- Founding President of the Global Chinese Association of Reproductive Medicine (GCARM) (2004).
- Founding President of the International Society of In-Vitro Maturation of Oocytes (IVM) (2004).
- Founder, president and organizer of the World Congress on IVM first held in October 2004.
- Founder, Treasurer and Vice-President of the International Society of IVF (ISIVF).
- In conjuction with GCARM, organised two "Global Innovations on Fertility Treatment (GIIFT) pre-Congress courses before ESHRE in London and ASRM in Boston in 2013.

#### AWARDS, HONORS, AND DISTINCTIONS

| Seven Distinctions in the Cambridge School Certificate                 |  |      |  |  |
|--|--|------|--|--|
| King Edward VII College Cultural Award for Oratory and Public Speaking |  |      |  |  |
| Howard Eddey Gold M<br>Royal Australasian Co                           | Iedal<br>Ilege of Surgeons, Australia    | 1980 |  |  |
| MRCOG Gold Medal<br>Royal College of Obste                             | etricians and Gynaecologists, London, UK | 1983 |  |  |

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|--|----------|
| Benjamin Henry Sheares Memorial Lecturer and Gold Medalist<br>Obstetrical and Gynaecological Society   | 1986     |
| Obstetrics and Gynaecology Research Award     Breast stimulation – A new method for induction of cervical ripening in complicated term pregnancies, <i>Annals of the Academy of Medicine</i> , Singapore   | 1986     |
| Plenary prize paper presentation     47 <sup>th</sup> Annual Meeting of the American Fertility Society, Orlando  | 1991     |
| Best Poster Award     Ovulation Induction Update Meeting: "Vascular endothelial growth factor secretion in women undergoing ovarian stimulation: Relevance to ovarian hyperstimulation syndrome and polycystic ovaries", Bologna, Italy  | 1997     |
| Ferring prize for best paper presented International Congress Treatment of Infertility: The New Frontiers:     "Vascular endothelial growth factor secretion in women undergoing ovarian stimulation. Relevance to ovarian hyperstimulation syndrome and polycystic ovaries", Boca Raton, Florida, USA   | 1998     |
| • Second prize (senior author) ASM of Assocation des Obstetriciens et Gynecologues du Quebec: Mahutte NG, et al, "Prospective randomized double blind trial on the correlation between time of administration and antiestrogenic effects of clomiphene citrate on reproductive end-organs", Mont Tremblant, Quebec, Canada                                     | 1998     |
| • Best oral presentation 54 <sup>th</sup> Annual Clinical Meeting of the Society of Obstetricians and Gynecologists of Canada: "The impact of pre-treatment with the oral contraceptive pill on cyst formation and time required to achieve pituitary suppression prior to IVF treatment – a prospective randomized trial", Victoria, British Columbia, Canada | 1998     |

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|---|------|
| • First prize 54th Annual Clinical Meeting of the Society of Obstetricians and Gynecologists of Canada: "Prospective randomized double blind trial on the correlation between time of administration and antiestrogenic effects of clomiphene citrate on reproductive end-organs", Victoria, British Columbia, Canada   | 1998 |
| • 1998 Exchange Speaker Award<br>Canadian Fertility and Andrology Society (CFAS)/European Society of<br>Human Reproduction & Embryology (ESHRE): "Clinical Applications of<br>Color Doppler and Three-Dimensional Ultrasound in Infertility Treat-<br>ment", Tours, France  | 1999 |
| • Most Promising Young Clinician Prize (senior author) 15th Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE): Buckett et al: "A prospective randomized study of HCG priming prior to immature oocyte retrieval and in-vitro maturation of oocytes in unstimulated women with polycystic ovaries", Tours, France                      | 1999 |
| • Best poster presentation (senior author) Conjoint Annual Meeting of the ASRM and the CFAS: Phillips et al, "Impact of reducing the number of embryos transferred from three to two in women under the age of 35 who produced three or more high quality embryos", Toronto, Canada   | 1999 |
| RESOLVE Award     National Infertility Association of the United States     For outstanding contribution in Obstetrics and Gynecology in the field of ultrasound in infertility   | 1999 |
| • First Prize (senior author) Fifth Annual Meeting of Saudi Medical Trainees in Canada and USA: Felemban et al, "Laparoscopic Treatment of Polycystic Ovaries with Insulated Needle Cautery: A Reappraisal", Montreal, Quebec, Canada   | 2000 |
| • First Prize (co-author) Annual Meeting of the Society of Obstetricians and Gynecologists of Canada and Association d'obsetriciens et gynecologues du Québec: Saleh et al, "A randomized study on the effect of 10 minutes of bed rest following intrauterine insemination", Montreal, Quebec, Canada  | 2000 |
| Best Poster Award (senior author)     Annual Meeting of the Society of Obstetricians and Gynecologists of Canada and Association d'obsetriciens et gynecologues du Québec: Saleh et al, "Effects of laparoscopic ovarian drilling on serum vascular endothelial growth factor (VEGF) and on insulin responses to oral glucose tolerance test", Montreal, Quebec, Canada | 2000 |

| Canadian Fertility and Andrology Society 46th Annual Meeting: Child et al, "Attitudes of 449 male and female infertility patients to multiple pregnancy and selective fetal reduction", St. John's, Newfoundland, Canada  | 2000 |
|---|------|
|   |      |
| • Prize for best resident paper (co-author) Annual Meeting of the Canadian Fertility and Andrology Society: Sammour et al, "Prospective randomized double-blind trial comparing the effects of letrozole and clomiphene citrate in patients undergoing superovulation prior to intrauterine insemination", Whistler, British Columbia, Canada   | 2001 |
| • First Prize (co-author) 35th Annual Congress of the Association des obstétriciens et gynécologues du Québec: Sammour et al, "Prospective randomized double-blind trial comparing the effects of letrozole and clomiphene citrate in patients undergoing superovulation prior to intrauterine insemination", Mont Sainte Anne, Quebec, Canada  | 2001 |
| • Best basic science paper (senior author) Canadian Fertility and Andrology Society 48th Annual Meeting: Dean et al, "A future prospect of preimplantation genetic diagnosis for heritable mitochondrial DNA diseases using a murine model system," Charlevoix, Quebec, Canada  | 2002 |
| Arts and Trade Medal     Carrefour des communautes du Quebec for work in medicine, commitment to community building and improving intercultural relations, Montreal, Quebec, Canada   | 2003 |
| • Canadian Fertility and Andrology Prize Paper (senior author) Pacific Coast Reproductive Society 2006 Annual Meeting: Buckett et al, "A comparison of congenital abnormalities in children conceived following IVM, IVF, and ICSI with spontaneously conceived pregnancies delivered in a single centre: a case-controlled study." Fertility and Sterility, 2006; 85 (Suppl. 2):S11-S12. | 2006 |
| Canadians for Health Research (CHR)     Researcher of the Month (May 2006)  | 2006 |
| • Best basic science paper (senior author) 52 <sup>nd</sup> Annual Meeting of the Canadian Fertility and Andrology Society: Huang JY et al." Expression of Oct-4 gene in embryos produced from vitrified mouse oocytes."  | 2006 |
| 8.1   | 2008 |
| Royal College of Obstetricians and Gynecologists (UK)   |      |

| <ul> <li>Visiting Professor</li> <li>Shanghai Red leaf International Women's Hospital. Shanghai, China</li> </ul>   | <mark>2016</mark> |
|---|-------------------|
| <ul> <li>Visiting Professor</li> <li>Jiansu Sheng, Changzhou women and children health Hospital. China</li> </ul>   | 2016              |
| Visiting Professor     Georgia University, Tbilisi State. Department of Obstetrics & Gynecology      Visiting Professor   |                   |
| • First prize basic science category at the European Society of Human Reproduction and Embryology (ESHRE annual conference - Unique geometry of sister kinetochores in human oocytes during meiosis                                       | 2016<br>2016      |
| Best poster Prize     EMBO meiosis conference 2015 in Oxford – Geometry and architecture of sister kinetochores in meiosis I stage human oocytes.   | 2015              |
| Best Poster Award  Warwick Medical School Postgraduate Symposium -Unique geometry of sister kinetochores in human oocytes during meiosis I may explain maternal age-associated increases in chromosomal abnormalities.  But we to Britan. | 2015              |
| <ul> <li>ASRM Star Award, Boston 2013 – In recognition and gratitude of time and<br/>service dedicated to shape ASRM into the leading Society for reproductive<br/>medicine</li> </ul>  | 2013              |
| Sichuan University, Department of Obstetrics/Gynecology & Oncology,<br>Chengdu, China   |                   |
| Visiting Professor  | 2013              |
| <ul> <li>Visiting Professor</li> <li>Wayne State University, Detroit Medical Centre</li> </ul>  | 4013              |
| Cha Hospital Medical School, South Korea  Visiting Professor  | 2013              |
| Visiting Professor  Cha Hospital Medical School, South Korea  | 2013              |
| University of Vermont, Fletcher Allen Hospital  | 2012              |
| Visiting Professor  | 2012              |
| Visiting Professor     Beijing University First Hospital  | 2011              |
| Lifetime Achievement Award     Global Chinese Association of Reproductive Medicine (GCARM)  | 2011              |
| Appointed as Academician     Academy of Medicine, Singapore   | 2011              |
| 8 <sup>th</sup> College of Obstetricians & Gynaecologists of Singapore Gold Medallion<br>Lectureship  | 2011              |
| Recognized as Guardian Angel     Royal Victoria Hospital Foundation   | 2010              |

| <ul><li>Vi</li></ul> | siting | Prof   | essor |
|----------------------|--------|--------|-------|
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He Xian Hospital Reproductive Centre. Panyu, Guangdong. China

<mark>2016</mark>

#### **BIOGRAPHICAL LISTINGS**

- 1. *International Who's Who in Medicine*, 2<sup>nd</sup> Edition. Editor: Law NS, Publisher: Melrose Press Ltd, Cambridge, 1995.
- 2. *Men of Achievement*, 17<sup>th</sup> Edition. Editor: Law NS, Publisher: International Biographical Centre, Cambridge, 1997.
- 3. International Who's Who of Contemporary Achievement, 4th Edition. Editors: Evans JM, Calhoun AS, Thomson JS. Publisher: The American Biographical Institute, Inc., North Carolina, 1997.
- 4. Asia/Pacific Who's Who, Volume II. Editor: Ravi B, Publisher: Rifacimento International, New Delhi, 1999.
- 5. International Who's Who of Twentieth Century Achievement, 1998-1999 Edition. Editors: White C, Dupree M, Faden J, Carpenter K, Murphy-Bangert M, Publisher: The American Biographical Institute, Inc., North Carolina 1999.
- 6. Biography Today Millennium Edition, Vol. I. Editor: Ravi B, Publisher: Biography Today, New Delhi, 2000.
- 7. Canadian Who's Who, 2001 Edition. Publisher: University of Toronto Press, Toronto 2001.
- 8. Biography Today New Millennium Edition, Volume II. Editor: Ravi B, Publisher: Rifacimento International, New Delhi, 2001.
- 9. *Canadian Who's Who*, 2002 Edition. Publisher: University of Toronto Press, Toronto, 2002.
- 10. Canadian Who's Who, 2003 Edition. Publisher: University of Toronto Press, Toronto, 2003.
- 11. Asia Men & Women of Achievement. Publisher: Reguerdon Sdn. Bhd., Kuala Lumpur 2003.
- 12. Asian/American Who's Who, Volume III. Editor: Ravi B, Publisher: Rifacimento International, New Delhi, 2003.
- 13. Canadian Who's Who, 2004 Edition. Publisher: University of Toronto Press, Toronto, 2004.
- 14. *Asia/Pacific Who's Who*, Volume V. Editor: Ravi B, Publisher: Rifacimento International, New Delhi, 2004.
- 15. Canadian Who's Who, 2005 Edition. Publisher: University of Toronto Press, Toronto, 2005.
- 16. Canadian Who's Who, 2006 Edition. Publisher: University of Toronto Press, Toronto, 2006.
- 17. Canadian Who's Who, 2007 Edition. Publisher: University of Toronto Press, Toronto, 2007.
- 18. *Montclair Who's Who in Healthcare*, 2008-2009 Edition. Publisher: Montclair Publishing LLC, New York, New York.
- 19. Canadian Who's Who, 2008 to 2016 Editions. Publisher: University of Toronto Press, Toronto, 2008 to 2016.

#### **PUBLICATIONS**

#### PEER-REVIEWED JOURNALS

- 1. Salmon YM, Kee WH, **Tan SL**, Jen SW. Cervical ripening by breast stimulation. *Obstetrics and Gynecology*, 1986; 67:21-24.
- 2. **Tan SL**, Hague WM, Becker F, Jacobs HS. Autoimmune Premature Ovarian Failure with Polyendocrinopathy and Spontaneous Recovery of Ovarian Follicular Activity. *Fertility & Sterility*, 1986; 45:421-424.
- 3. **Tan SL**, Jacobs HS. Management of prolactinomas 1986. *British Journal of Obstetrics and Gynaecology* (Commentary), 1986; 93:1025-1029.
- 4. **Tan SL**, Morris DV, Jacobs HS. The management of Hyperprolactinaemia. *Singapore Medical Journal*, 1986; 27:190-195.
- 5. **Tan SL**. Ovulation induction with pulsatile gonadotrophin releasing hormone. *Singapore Journal of Obstetrics and Gynaecology*, 1986; 17:1-4.
- 6. **Tan SL**, Armar NA, Adams J, Abdulwahid NA, Honour JW, Jacobs HS. The use of superactive LHRH analogue with FSH A new method for induction of ovulation in patients with Polycystic Ovarian Syndrome. *Singapore Journal of Obstetrics and Gynaecology*, 1986; 17:93-96.
- 7. **Tan SL**, Chong R, Leong N, Kon OL, Hwang P, Salmon YM. The Significance of elevated serum gonadotrophin concentrations in women under 40 with anovulatory disorders. *Singapore Journal of Obstetrics and Gynaecology*, 1986; 17:169-172.
- 8. **Tan SL**, Jacobs HS. Rapid regression through Bromocriptine therapy of a suprasellar extending prolactinoma during pregnancy. *International Journal of Gynaecology and Obstetrics*, 1986; 24:209-215.
- 9. Armar NA, **Tan SL**, Eshel A, Jacobs HS. Practical aspects of pulsatile LHRH therapy. *British Journal of Hospital Medicine*, 1987; 37:429-436.
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- 231. Son WY, Demirtas E, Dahan M, Shalom-Paz E, Bucket W, **Tan SL**, Holzer H. Combinted HMG and HCG method can be used as one of the minimal stimulation IVF cycles for women who have polycystic ovaries, 57<sup>th</sup> Annual Meeting of the Canadian Fertility and Andrology Society, Toronto, Canada, September 21-24, 2011, Abstract TP28, page 117.
- 232. Zhang XY, Yilmaz A, Chung JT, **Tan SL**, Holzer H, Ao A, MUHC-RC team. Meiotic segregation patterns in embryos obtained from reciprocal and Robertsonian translocation carriers, 57th Annual Meeting of the Canadian Fertility and Andrology Society, Toronto, Canada, September 21-24, 2011, Abstract FB2, page 166.
- 233. **Tan** SL, Chen HY, Ata B. Advances in in-vitro maturation (IVM) treatment for infertility, 14<sup>th</sup> World Congress on Human Reproduction, Melbourne, Australia, November 30 to December 3, 2011.
- 234. **Tan SL.** Social fertility preservation. American Society for Reproductive Medicine Annual Meeting, Boston, USA, October 20-24, 2012.
- 289. Messerlian C, Platt RW, Gagnon R, **Tan SL**, Basso O. Low technology assisted reproduction and preterm birth in a hospital-based cohort. Paper presented at the 26<sup>th</sup> Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Boston, June 17-18, 2013.

- 290. Moawad AR, Xu B, **Tan SL**, Taketo T. Impact of L-Carnitine supplementation during vitrification on mitochondrial distribution and ATP levels in the mouse oocytes vitrified at the germinal vesicle stage, thawed and then matured in vitro. Breakthroughs in Reproduction and Development. Montreal, May 7<sup>th</sup>, 2014.
- 291. Xu B, Noohi S, Shin JS, **Tan SL**, Taketo T. Mutual communication with cumulus cells is responsible for cytoplasmic defects in mouse oocytes. International Workshop on Women's Reproductive Health Research, Ottawa, April 11-13, 2014.
- 292. **Tan SL**. "Female fertility preservation for medical and social reasons." International Workshop on Women's Reproductive Health Research, Ottawa, Canada, April 11-13, 2014. "Infertility biological and clinical aspects."
- 293. Zeadna A, Son WY, Hartman M, Holzer H, **Tan SL**, Dahan MH. An evaluation of biochemical pregnancy rates (BPR) as a functional of age in women 21 to 42 years old who underwent single embryo transfer (SET). 30<sup>th</sup> Annual Meeting of ESHRE, Munich, Germany. June 30, 2014.
- 294. Messerlian C, Platt RW, **Ata B**, Tan SL, Basso O. Do the causes of infertility play a role in the etiology of adverse pregnancy outcomes? 27th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA, June 23 24, 2014, Seattle, WA, United States of America
- 295. Messerlian C, Platt RW, **Ata B**, Tan SL, Basso O. Do the causes of infertility play a role in the etiology of adverse pregnancy outcomes? 47th Annual Meeting of the Society for Epidemiologic Research, June 24 27, 2014, Seattle, WA, United States of America.
- 296. **Tan SL.** "Conserver la fertilité par le tissue ovarien, l'ovocyte et la congélation embryonnaire. " Journées Euro-Mediterranennes, Montpellier, France, June 6, 2014.
- 297. **Tan SL.** "Social oocyte vitrification International implications." GIFT 3 Pre-ESHRE Meeting, Munich, Germany, June 29, 2014.
- 298. **Tan SL**. "Female fertility preservation for social reasons." IV International Research and Practice Conference IVF: Predictors of Success. Ekaterinburg, Russian Federation, September 30, 2014.
- 299. **Tan SL.** "Advantages & disadvantages of mild ovarian stimulation for IVF." and "Meet the expert: Optimum dose and protocol selection for IVF procedure." 6th Biannual Reproductive Endocrinology and Infertility Congress. Antalya, Turkey, November 8, 2014.
- 300. 300. Tan SL. "The need for LH effects in antagonist protocols."6th Asia Pacific Congress on Controversies in Gynecology, Infertility & Ultrasound Saigon, Vietnam, November 21, 2014.

- 301. **Tan SL.** "IVM in the face of GnRH agonist trigger." 6th Asia Pacific Congress on Controversies in Gynecology, Infertility & Ultrasound Saigon, Vietnam, November 21, 2014.
- 302. **Tan SL**. "Advantages and pitfalls of agonists downregulation". Ovarian Club 5 Meeting, Preparing the ovaries for egg collection: integrating science into practice. Hong Kong, China, January 31st to February 1st.2015
- 303. **Tan SL**. "IVM for poor and hyper-responders and poor quality embryos" Invited speaker and "Ovarian reserve: Background and implications for reproduction and beyond" 16th World Congress on Human Reproduction. Berlin, Germany, March 18- 21st, 2015.
- 304. **Tan SL.** "IVM as replacement first line therapy instead of IUI", and Cochair the session of PGS. COGI 2015, 21st World Congress on Controversies in Obstetrics, Gynecology & Infertility, 07-10May, 2015. Guilin, China.
- 305. **Tan SL.** "IVM role in fertility treatment indications and comparisons". International Society of In Vitro Fertilization (ISIVF). Copenhagen, Denmark on September 27th to September 30th, 2015.
- 306. **Tan SL.**"IVM for PCOS patient: Is it really needed?". Meeting at FIV centre Madrid, 8-9 November, 2015.
- 307. **Tan SL.** "IVM for PCOS patient: Is it really needed?" The Ovarian Club Meeting, Nov 14-15, 2015 Barcelona, Spain: It's All About Energy: What more can we do to improve pregnancy success rates?
- 308. **Tan SL.** "Fertility preservation in women for medical and social reasons". The Penang Medical Practitioner's Society (PMPS), On December, 21<sup>st</sup>, 2015.
- 309. **Tan SL.** "Social fertility preservation". Shanghai Red leaf International Women's Hospital, On March, 25<sup>th</sup>, 2016
- 310. **Tan SL.** "Social fertility preservation". Jiansu Sheng Changzhou women and children health Hospital, On March, 26th, 2016
- 311. **Tan SL**. EXCEMED Conference in Reproductive Medicine: "Insights into the ovary, oocyte and beyond: key to success" to be held in Prague (Czech Republic) on 22 23 April, 2016.
- 312. **Tan SL.** Visiting Professor for University of Georgia . Tbilisi state "fertility preservation by IVF and IVM/Egg and Ovarian Tissue Freezing" April, 2016.

- **Tan SL.** 6<sup>th</sup> ASM.OGSHK and Ovarian Club VIII, Hong Kong. "High Estrogen and Progesterone Levels and Ovarian Stimulation", May, 21-22,2016.
- **314. Tan SL.** Visiting professor for He Xian Hospital Reproductive centre. "IVF and IVM Ovum Freezing and Embryo Freezing". May 23, 2016.
- 315. **Tan SL.** Midwest Reproductive Symposium international 2016, Chicago. June 15, 2016
- 316. **Tan SL.** Pre-ESHRE advanced course in embryology IVF today: is it possible to further improve the clinical outcomes? Helsinki-Finland, July 2, 2016. Helsinki-Finland.
- 317. **Tan SL**. The 32<sup>nd</sup> Annual Meeting of ESHRE. Helsinki-Finland, July 3-6, 2016
- 318. **Tan SL**. CFAS annual meeting. September 22-24, 2016 in Toronto. The theme of the meeting is "ART in the Era of Personalized Medicine".
- 319. **Tan SL.** ART World Congress, "Latest advance in IVM collection and treatment protocol". October 13-14, 2016.
- 320. **Tan SL.** ASRM 2016 Scientific Congress & Expo in Salt Lake City, UT. October 15-19, 2016
- **Tan SL**. CHHD Annual Retreat 2016 Program. "Female fertility preservation by oocyte and ovarian tissue vitrification"
- **Tan SL**. The 8<sup>th</sup> Ovarian Club Meeting: Building a bridge between science and clinical practice, November 4-6, Paris, France.
- 323. **Tan SL**. EFSS 22<sup>nd</sup> Annual International Conference. Cairo Egypt, December 1-2, 2016, New trend and development in women's reproductive health. "Female fertility preservation for medical and social reasons- a new paradigm for 21<sup>st</sup> century" and "Modified natural cycle IVF combined with IVM for treatment of fertility"
- 324. **Tan SL.** Second World Congress on Embryo Transfer and IUI (WETI): 8-11 December 2016, Sri-Lanka. "Transvaginal Ultrusound guided Embryo Transfer" and "Modified natural cycle IVF combined with IVM for treatment of fertility"

#### **TEACHING**

I am actively involved in the education of residents and students and, as Chairman, I am overall responsible. I am also actively involved in the training of our Fellows in Reproductive Endocrinology and Infertility and widely participate in postgraduate courses both nationally and internationally. Finally, I am involved in public education and am on the Board of Directors of the Infertility Awareness Association of Canada.

# CLINICAL AND POSTDOCTORAL FELLOWS IN REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY AND OTHER STUDENTS SUPERVISED

| 1.                 | Buckett, William (UK)           | July 1997         | - June 1999                    |
|--------------------|---------------------------------|-------------------|--------------------------------|
| 2.                 | Engmann, Lawrence               | Sept. 1998        | - March 1999                   |
| 3.                 | Child, Timothy (UK)             | July 2000         | - September 2001               |
| 4.                 | Sylvestre, Camille (Canada)     | July 2000         | - June 2002                    |
| 5.                 | Pirwany, Imran (UK)             | July 2000         | - September 2003               |
| 6.                 | Healey, Sarah (Canada)          | July 2001         | - September 2003               |
| 7.                 | Kelly, Simon (New Zealand)      | November 2001     | - November 2003                |
| 8.                 | Rao, Gedela Durga (UK)          | September 2002    | - July 2004                    |
| 9.                 | Holzer, Hananel (Israel)        | May 2004          | - September 2006               |
| 10.                | Lukic, Julie (Australia)        | July 2004         | - August 2006                  |
| 11.                | Demirtas, Ezgi (Turkey)         | July 2005         | - July 2007                    |
|                    | Ba-Akdah, Hanadi (Saudi Arabia) |                   | - July 2006                    |
|                    | Gidoni, Yariv (Israel)          |                   |                                |
|                    | Elizur, Shai (Israel)           |                   |                                |
| 15.                | Levin, Dan (Israel)             | September 2007    | - September 2009               |
| 16.                | Almog, Beniamin (Israel)        | September 2008    | - September 2010               |
| 17.                | Shalom-Paz, Einat (Israel)      | September 2008    | - September 2010               |
|                    | Ata, Baris                      |                   |                                |
|                    | Sheizaf, Boaz                   |                   |                                |
|                    | Reinblatt, Shauna               |                   |                                |
| 21.                | Seyhan, Ayse                    | July 2010         | - July 2012                    |
| <mark>22.</mark>   | Moawad, Adel Reda, (UK)         | 2012              | - present                      |
| <mark>23.</mark>   | Zhu, Jia-Qiao (China)           | September 2013    | <mark>3 –Septembre 2016</mark> |
| <mark>24.</mark>   | Fulton, Debra                   | April 2013        | -September 2014                |
| <mark>25.</mark>   | Jessica Patel                   | October 2013 - Oc | tober 2018                     |
| <mark>26.</mark>   | Sanjbad, Aligholi Sobhani       | July 2014         | -Jun 2016                      |
| <mark>26.</mark>   | Meradi Wassim                   | January 2014      | - Present                      |
| 27.                | Smith Shelly-Ann.               | January 2014      | - Present                      |
| <mark>28.</mark> ' | Theodora Gerakari               | January 2015      | -January 2017                  |
| <mark>29.</mark>   | Eyzaguirre Maria-Teresa         | Jun 2015          | -June 2016                     |
| <mark>30.</mark> . | Johanston Kristine              | January 2016      | -June 2016                     |
| <del>32</del> .    | Irina Israt                     | January 2016      | -January 2018                  |
|                    | Bina Ismatara                   |                   | -Present                       |
|                    | Ada Hsieh.                      | •                 | -Present                       |
|                    | Marissa Claire Boily            |                   | -Present                       |
|                    | Shireen Kashmeri                |                   | -Present                       |
| 50.                | Difficon Rushinon               |                   | 1 Tesent                       |

### DOCTORATE CANDIDATE (PHD) AND MD AND MBA THESES SUPERVISED

| • Kyei-Mensah, Amma          | July 1992      | - July 1994      |
|------------------------------|----------------|------------------|
| • Zaidi, Jamal               | July 1993      | - July 1995      |
| • Buckett, William           | July 1997      | - June 1999      |
| • Dean, Nicola               | September 1998 | - September 2006 |
| • Child, Timothy             | September 2004 | - September 2006 |
| • Kayaalp, Emre              | May 2003       | - May 2005       |
| • Huang, Jack                | May 2005       | - June 2007      |
| Noohi, Saeid                 | May 2012       | - August 2012    |
| • Messerlian, Carmen         | September 2008 | -2014            |
| • Zhu, Jia-Qiao (China)      | September 2013 | -Septembre 2016  |
| • Moawad, Adel Reda (McGill) | 2012           | - present        |
| • Shireen Kashmeri (McGill)  | 2013           | -Present         |
| • Patel, Jessica (UK)        |                | Present Present  |

## SEMINARS AND INVITED LECTURESHIPS AT NATIONAL AND INTERNATIONAL CONFERENCES

- 1. Thompson Medical Centre, Singapore, 1986, Symposium on Advances in Reproductive and Perinatal Medicine "Current concepts in the investigation and treatment of amenorrhoea"
- 2. Annual Scientific Meeting of the Chapter of Obstetricians and Gynaecologists, Academy of Medicine, Singapore, 1986 "The breast stimulation a new method for cervical ripening in complicated term pregnancies"
- 3. National Population and Family Development Board, Malaysia, 1987, course in reproductive medicine "Abnormalities of ovulation and its management" and "Hyperprolactinaemia presentation and management"
- 4. Annual Scientific Meeting of the Malaysian Obstetrics and Gynaecological Society, 1987 "Induction of ovulation using pulsatile LHRH"
- 5. International Symposium "Recent advances in the management infertility", Singapore, 1988 "Induction of ovulation using pulsatile luteinising hormone releasing hormone" and "The management of hyperprolactinaemia"
- 6. Chairman of session on polycystic ovarian disease at the World Congress of Obstetrics and Gynecology, Rio De Janeiro, Brazil, 1988
- 7. XIIth Asian and Oceanic Congress on Obstetrics and Gynaecology, Taipei, Taiwan, 1989 "The use of LHRH and its analogues for induction of ovulation and ovarian stimulation in IVF" and "The medical management of prolactin secreting disorders"
- 8. 2<sup>nd</sup> International Symposium in vitro fertilisation and alternate assisted reproduction, Cavtat, Dubrovnik, Yugoslavia, October 1-3, 1990 "Cumulative conception and live birth rates in IVF" and "Ovarian stimulation in IVF using buserelin a comparison of different protocols of usage"

- 9. International Symposium Reproductive Endocrinology, Gynaecological Oncology, Endoscopic surgery State of the Art, Singapore, September 24-26, 1990 "The management of hyperprolactinemia and related tumors", "Ovarian stimulation for IVF use of GnRH analogues" and "Conception and live birth rates after in-vitro fertilisation"
- 10. 2nd International Symposium on GnRH analogues in Cancer and Human Reproduction, Geneva, November 7-10, 1990 "The use of buserelin in in-vitro fertilisation a comparison between the long and short protocols of administration"
- 11. First World Congress on Ultrasound in Obstetrics and Gynaecology, London, January 1991 "Ultrasound and infertility"
- 12. XIII Asian and Oceanic Congress of Obstetrics and Gynecology, Bangkok, February 10-15, 1991 "The use of GnRH analogues for ovarian stimulation in IVF", "Conception and live birth rates in IVF" and "The role of buserelin in IVF" and GIFT stimulation protocols"
- 13. Second Thomson Foundation Course in Obstetrics and Gynaecology, Singapore, September 20-22, 1991 "Outcome of pregnancies resulting from assisted conception", "Ultrasound in the monitoring of assisted conception" and "Ovarian stimulation for assisted conception using GnRH analogues"
- 14. Chairman of session on "Infertility" and Co-Chairman of Plenary session on "New Concepts in Endocrinology" at the XIII World Congress of Gynaecology and Obstetrics (FIGO), 1991
- 15. Annual Scientific Meeting of the European Society of Human Reproduction and Embryology (ESHRE), The Hague, July 5-8, 1992 "Effect on timing of hCG when GnRH agonists are used for assisted conception"
- 16. Second International Capri Conference. Neuroendocrine and peripheral disorders of female reproductive system: pathophysiology and therapies, Capri (Italy), May 22-26, 1992 "Hypersecretion of LH in polycystic ovary syndrome"
- 17. Second World Congress of Ultrasound in Obstetrics and Gynaecology, Bonn, Germany, June 28-July 3, 1992 Symposium on "Sterility" "Value of baseline ultrasound scan on ovarian stimulation for assisted conception"
- 18. Second International Conference on Reproductive Endocrinology, Beijing, China, September 15-18, 1992 "Luteinising hormone hypersecretion in polycystic ovarian syndrome" and "Simplification of IVF therapy"
- 19. British-American Dialogue in Obstetrics and Gynaecology, London, October 24-29, 1992. Moderator on Endocrine/Gynecology and Discussant on "The latest in infertility and assisted conception"
- 20. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992. Symposium on LHRH in Assisted Reproduction "Routine use of LHRH agonists medical and practical considerations" and "Workshop on ovulation induction the bad responders down-regulation"
- 21. Joint scientific meeting of the Society for the study of Fertility and the British Fertility Society, Bristol, December 16-18, 1992 "Prediction and prevention of ovarian hyperstimulation syndrome"

- 22. Third International Symposium on GnRH Analogues in Cancer and Human Reproduction, Geneva, Switzerland, February 25-28, 1993 "Simplification of IVF therapy using LHRH agonists" and "Cumulative livebirth rates after IVF with, and without, the use of buserelin"
- 23. Serono Seminars Weekend Symposium, Chamonix, France, April 2-6, 1993 "Ovarian hyperstimulation syndrome Prevention and Management"
- 24. VIII World Congress on Human Reproduction. Joint World Conference on Fallopian Tube in Health and Disease. Bali, Indonesia, April 4-9, 1993 Plenary Lecture "Simplification of in-vitro fertilisation therapy", Symposia Lectures -- "Cumulative conception and livebirth rates after IVF" and "Hypersecretion of LH effects on assisted reproduction"
- 25. Annual Scientific Meeting of the Dutch/Flemish Society of Fertility Studies, Rotterdam, May 8 1993 Overview Lecture "Ovarian hyperstimulation for IVF: historical background and future perspective"
- 26. 9th Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Thesssaloniki, Greece, June 27-30, 1993 Plenary speaker in session on "Folliculogenesis" "Imaging of follicular development by color doppler"
- 27. International Symposium on Ovarian Function and Induction of Ovulation, Tel-Aviv, Israel, July 28-30, 1993 "Assisted reproduction techniques –hopes and reality"
- 28. Toronto Gynaecology Grand Rounds, Toronto, Canada. October 8, 1993 "Simplification of IVF therapy"
- 29. International Expert Meeting on LH Marbella, Spain, October 27-30, 1993.
- 30. European Society of Human Reproduction and Embryology (ESHRE) Campus Workshop Tel-Aviv, Israel, November 9-11, 1993 "The implantation window"
- 31. British Fertility Society Winter Meeting, University of Oxford, England, December 15-16, 1993 "Ovarian stimulation for assisted fertility"
- 32. International Conference on Ovulation Induction: Basic Science and Clinical Advances, Fort Lauderdale, Florida, USA, January 27-29, 1994 "Complications of ovulation induction with gonadotropins: spontaneous abortion"
- 33. European Society of Gynaecological and Obstetrical Investigation, Campiglio de Madonna, Italy, February 6-13, 1994 Main lecture "Assisted procreation: better than natural fertility?"
- 34. II Irsee Symposium, Germany, February 11-13, 1994 "Assisted conception techniques: hopes and reality"
- 35. European Society of Human Reproduction and Embryology (ESHRE), Campus Workshop on "Hyperandrogemia: etiology, interactions, symptomatology, diagnostics, therapy", Freiburg, Germany, March 24-26, 1994 "Fertility and miscarriage"
- 36. Second World Conference on Implantation and Early Pregnancy in Humans, Atlantic City, New Jersey, May 12-14, 1994 "Life table analysis of pregnancy and livebirth rates after in vitro fertilisation and embryo transfer"

- 37. 4<sup>th</sup> World Congress of Gynecological Endocrinology, Antalya (Turkey) May 28-June 3, 1994 – "Colour doppler ultrasound and assisted reproduction"
- 38. European Society of Human Reproduction and Embryology (ESHRE) International Symposium on Frontiers in Reproductive Medicine and Assisted Reproductive Technology, London, UK, June 9-11, 1994 "IVF as multiple cycle treatment" and "Blood flow changes in the menstrual cycle of patients with normal ovaries and polycystic ovaries"
- 39. Pre-Congress Course on Ultrasound in Infertility 10<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Brussels, June 26-30, 1994 "Role of ultrasound in the management of polycystic ovarian disease"
- 40. XIV World Congress of Obstetrics and Gynecology, Montreal, Quebec, Canada, September 24-30, 1994 "Endocrinology of early pregnancy loss"
- 41. 9th International Symposium on Multiple Births, Tel-Aviv, Israel, October 5-7, 1994 "The optimal number of embryos for replacement in ART"
- 42. 1st International Symposium on Assisted Reproduction, Bled, Slovenia, October 16-18, 1994 Plenary lecture on "Controversies in the use of LHRH agonists for ovarian stimulation for assisted conception".
- 43. Fourth World Congress on Ultrasound in Obstetrics and Gynecology, Budapest, Hungary, October 19-21, 1994 "Role of Ultrasound in Infertility Assessment"
- 44. Symposium on Transport IVF, Liverpool, UK, November 23, 1994 "Simplification of IVF"
- 45. Fourth World Congress of Gynecological Endocrinology, February 12-19, 1995
   State of the Art lecture "Controversies of GnRH analogs in IVF program" and
  Plenary lecture "Color doppler and 3D ultrasound in infertility"
- 46. IX World Congress on In Vitro Fertilization and Alternate Assisted Reproduction, Vienna, Austria, April 3-7, 1995 Keynote lecture "Assisted conception hopes and reality"
- 47. Third International Meeting of European Society of Endosonography in Gynaecology and Obstetrics, May 31-June 3, 1995 "The assessment of PCO using 3-dimensional ultrasound and colour doppler"
- 48. Pre-Congress Course on Ultrasound in Infertility 11<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Brussels, June 28-July 2, 1995 "Colour doppler and 3-D ultrasound and PCO"
- 49. Canadian Fertility and Andrology Society 1995 Annual Meeting, Montebello, Quebec, Canada, September 20-23, 1995 "Simplification of IVF"
- 50. Pre-Congress Course Second International Meeting of the Middle East Fertility Society Oct. 11-14, 1995, Alexandria, Egypt "Transvaginal ultrasound and infertility"
- 51. International Symposium on The Ovary: Regulation, Dysfunction and Treatment, Marco Island, Florida, January 25-27, 1996 "GnRH agonists and polycystic ovarian syndrome"
- 52. British Fertility Society Annual International Meeting, Cardiff, Wales, UK, April 10-12, 1996 "Gonadotropin releasing hormone analogues in IVF therapy"

- 53. Society of Obstetricians and Gynecologists of Canada Annual Meeting, Quebec City, Quebec, Canada, June 22-27, 1996 "In vitro fertilization as multiple cycle treatment"
- 54. Sixth World Congress on Ultrasound in Obstetrics and Gynecology, Rotterdam, The Netherlands, October 27-31, 1996 "Clinical applications of colour doppler ultrasound in infertility treatment today"
- 55. From Genotype to Phenotype: Fertility Across the Reproductive Lifecycle, Phoenix, Arizona, February 6-8, 1997 "PCOS and assisted reproduction"
- 56. First McGill International Symposium on Recent Advances in Infertility and Reproductive Endrocrinology Pre-IXth World Congress on Human Reproduction Symposium, Montreal, Quebec, Canada, May 27th, 1996 "Use of GnRH agonists and IVF"
- 57. First McGill International Symposium on Recent Advances in Infertility and Reproductive Endrocrinology Pre-IXth World Congress on Human Reproduction Symposium, Montreal, Quebec, Canada, May 27, 1996 "Colour doppler and 3-D ultrasound and assisted reproductive technology"
- 58. Department of Obstetrics and Gynecology, University of Laval, Quebec City, Quebec, Canada, 1996 Surgical Grand Rounds "Transport IVF"
- 59. Second McGill International Symposium on Reproductive Endocrinology & Infertility, Pre-10<sup>th</sup> World Congress of In Vitro Fertilization and Assisted Reproduction, Montreal, Quebec, Canada, May 22-23, 1997 "Assisted reproduction in the management of male factor infertility"
- 60. 10<sup>th</sup> World Congress on In Vitro Fertilization and Assisted Reproduction, Vancouver, British Columbia, Canada, May 24-28, 1997 "Clinical applications of ultrasound in IVF and ART Recent Advances"
- 61. Society of Obstetricians and Gynecologists of Canada, Post Graduate Course, Annual Clinical Meeting, Halifax, Nova Scotia, June 20-25, 1997 "Genetics and ultrasound"
- 62. 10<sup>th</sup> Annual UCLA Course on In Vitro Fertilization and Embryo Transfer, A Comprehensive Update 1997, July 20-23, 1997 "Uterine factors in implantation in IVF cycles"
- 63. 10<sup>th</sup> Annual UCLA Course on In Vitro Fertilization and Embryo Transfer, A Comprehensive Update 1997, July 20-23, 1997 "Advances in colour doppler and 3 dimensional ultrasound in infertility"
- 64. XV FIGO World Congress of Gynecology and Obstetrics, Copenhagen, Denmark, August 3-8, 1997 "Three dimensional ultrasound of the ovary and vascular characteristics of polycystic ovaries"
- 65. Ovulation Induction Update, An International Symposium, Bologna, Italy, September 12-13, 1997 GnRH agonists in gonadotropin ovulation induction: Characteristics of long regimens"
- 66. Canadian Fertility and Andrology Society Annual Meeting Scientific Program, Niagara on the Lake, Ontario, Canada, September 24-27, 1997 "Clinical applications of color doppler ultrasound in infertility treatment"

- 67. Department of Obstetrics and Gynecology Regional Grand Rounds, McMaster University, Hamilton, Ontario, October 15, 1997 "Simplifying IVF Treatment" and "Assisted Reproduction in the Management of Male Factor Infertility"
- 68. American Society for Reproductive Medicine, Cincinnati, Ohio, October 18-22, 1997 "Color doppler ultrasound clinical application and assisted reproduction"
- 69. Department of Obstetrics and Gynecology, University of Sherbrooke, Sherbrooke, Quebec, Canada, 1997 Surgical Grand Rounds "Transport IVF"
- 70. Treatment of Infertility; The New Frontiers Conference, Boca Raton, Florida, January 22-24, 1998 "Use of GnRH-Agonists in Ovulation Induction"
- 71. Department of Medicine, McGill University, Montreal, Canada, February 9, 1998 Endocrine Grand Rounds "Uses and Abuses of IVF"
- 72. Department of Obstetrics and Gynecology, University of Toronto, Toronto, Ontario, Canada, May 11, 1998 Surgical Grand Rounds "Advances in assisted reproductive technologies"
- 73. Ovulation Induction and Menopause '98: Recent Advances, Side-Antalya, Turkey, May 20-24, 1998 "Clinical applications of ultrasonography in ART: Recent advances" and "Characteristics of long regimens"
- 74. XVI European Congress of Perinatal medicine, Zagreb, Croatia, June 10-13, 1998 "Cumulative Conception Rate After Assisted Reproduction"
- 75. The Canadian Fertility and Andrology Society Mini Symposium on Factors Relating to Implantation in Human IVF, Toronto, Ontario, Canada, June 5, 1998 "Blood flow studies of the ovaries and uterus: Implications for implantation"
- 76. 54<sup>th</sup> Annual Meeting of the Society of Obstetricians and Gynecologists of Canada, Victoria, British Columbia, Canada, June 25-29, 1998 "Advances in Ultrasound in Infertility Treatment" and "In Vitro Fertilization Made Simple"
- 77. VI World Congress on Endometriosis, Quebec City, Quebec, Canada, June 30-July 4, 1998 "IVF is The Best Treatment"
- 78. 11<sup>th</sup> Annual In Vitro Fertilization and Embryo Transfer: A Comprehensive Update Santa Barbara, California, USA, 1998, "Ultrasound Evaluation of Uterine Receptivity Can we modify outcome?"
- 79. International Symposium on Reproductive Health and Infertility (In Honor of Professor Howard Jacobs), London, UK, September 16-17, 1998 "GnRH Agonists in ART"
- 80. 16th World Congress on Fertility and Sterility and the 54th Annual Meeting of the American Society for Reproductive Medicine Annual Meeting, San Francisco, California, October 4-9, 1998 "Clinical Application of 3D ultrasound in reproduction", "Color Doppler flow to determine ovarian receptivity to gonadotropin stimulation" and "Subendometrial and uterine artery blood flow as predictors of pregnancy after IVF/ET"
- 81. 8th World Congress on Ultrasound in Obstetrics and Gynecology, Edinburgh, Scotland, November 1-5, 1998 "Evaluation of ovarian function"

- 82. The Polycystic Ovary Syndrome International Conference, Athens, Greece, November 14-17, 1998 "Imaging Studies Ovarian Color Doppler, 3-Dimensional Ultrasound"
- 83. St. Mary's Hospital, Montreal, Quebec, Canada, December 2, 1998 "IVF"
- 84. 8th Annual Congress of The International Society for Gynecologic Endoscopy, Montreal, Quebec, Canada, April 25-28, 1999 "Ultrasound evaluation of ovary"
- 85. 10<sup>th</sup> World Congress on Human Reproduction, Bahia, Brazil, May 4, 1999 "Urinary gonadotropins mode of intramuscular and subcutaneous administration".
- 86. 11<sup>th</sup> World Congress on In Vitro Fertilization and Human Reproductive Genetics, Sydney, Australia, May 9-14, 1999 "Role of different gonadotropin administration routes in ovulation induction"
- 87. 15<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Tours, France, June 27-30, 1999. CFAS ESHRE Exchange Speaker "Clinical Applications of Color Doppler and Three-Dimensional Ultrasound in Infertility Treatment"
- 88. Annual Meeting of the Chinese Fertility Society, Taiwan, July 4, 1999 "Simplified IVF treatment" and "Color doppler and three-dimensional ultrasound treatment of infertility"
- 89. Grand Rounds, Brigham and Women's Hospital, Boston, Massachusetts, USA, October 5, 1999 "Simplification of IVF"
- 90. 1st Congress on Controversies in Obstetrics, Gynecology & Infertility, Prague, Czech Republic, October 28-31, 1999 "Stages of Endometriosis: Does it affect the success of IVF?" and "Uterine Factors"
- 91. St. Mary's Hospital, Montreal, Quebec, Canada, March 22, 2000 "Update on Infertility and MRC"
- 92. Annual Meeting of the Society of Neonatologists of Quebec, Montreal, Quebec, May 3, 2000 "Assisted Reproductive Technologies in the New Millennium"
- 93. Royal Victoria Hospital, Montreal, Quebec, Canada, May 25, 2000 Surgical Grand Rounds "New developments in assisted reproductive technology"
- 94. Montreal Children's Hospital Research Institute Seminar, Montreal, Quebec, Canada, May 29, 2000 "Assisted Reproduction in the new Millennium"
- 95. The Canadian Fertility and Andrology Society Mini Symposium: Hot Topics in ART, Toronto, Ontario, Canada, June 2, 2000 "In-vitro maturation of oocytes"
- 96. Department of Obstetrics and Gynecology, University of Vermont, Burlington, Vermont, U.S.A., June 6, 2000 Grand Rounds "Assisted Reproduction The New Millennium"
- 97. Fifth McGill International Symposium on Reproductive Endocrinology & Infertility, Pre-56th SOCG Annual Clinical Meeting in conjunction with the 34th AOGQ Annual Meeting, Montreal, Quebec, Canada, June 16-17, 2000 "In vitro maturation of oocytes"
- 98. 56th SOCG Annual Clinical Meeting in conjunction with the 34th AOGQ Annual Meeting, Montreal, Quebec, Canada, June 17-21, 2000 "Ovulation Induction Benefits and Harms"

- 99. AAGL Symposium on Advances in Gynecology, Endoscopy and Reproduction, Singapore, July 8-9, 2000 "Cost-effective IVF" and "In vitro maturation of oocytes"
- 100. XVII Asian and Oceanic Congress of Obstetrics & Gynaecology, Singapore, July 9-14, 2000 "New insights into polycystic ovarian syndrome"
- Memorial Hospital, St. John's, Newfoundland, Canada, September 14, 2000 Grand Rounds – "Transport IVF"
- 102. Serono International Symposium on "Robert G. Edwards at 75", Venice, Italy, October 2-3, 2000 "In vitro maturation and ovarian stimulation"
- 103. American Society for Reproductive Medicine 56th Annual Meeting, San Diego, California, U.S.A., October 21-26, 2000 33rd Annual Postgraduate Program, "In-vitro maturation of oocytes role of ultrasound", "The role of color doppler ultrasound in infertility" and "Ultrasound diagnosis of polycystic ovaries Implications for A.R.T. treatment"
- 104. McGill University Health Centre Combined Endocrine Grand Rounds, Montreal General Hospital, Montreal, Quebec, Canada, November 9, 2000 "Challenges and Solutions to Assisted Reproduction at the Dawn of the 21st Century"
- 105. McGill University, Faculty of Medicine, Montreal, Quebec, Canada, November 16, 2000 Commentator, Large Group Plenary "Where Care Stops and Research Begins"
- 106. 8th World Congress of Gynecological Endocrinology, Florence, Italy, December 6-9, 2000 "PCOS: New insights into PCOS by color Doppler and 3-D Ultrasound and VEGF"
- 107. L'assistance médicale à la procréation: vers une analyse des pratiques actuelles et de leur incidence sur la santé et le développement de l'enfant, Longueuil, Quebec, Canada, January 26, 2001 – "Obstetrics and perinatal outcome in IVF pregnancy"
- 108. 6th International Symposium on GnRH Analogues in Cancer and Human Reproduction, Geneva, Switzerland, February 8-11, 2001 "Fixed scheduling of long protocol of GnRH agonists Use of oral contraceptive (OC) or progestogen pretreatment"
- 109. 2<sup>nd</sup> World Congress on Controversies in Obstetrics, Gynecology & Infertility, Paris, France, September 6-9, 2001 Session Cryopreservation and Gamete Maturation: "IVM vs. tissue transplantation"
- 110. 47<sup>th</sup> Annual Meeting of the Canadian Fertility and Andrology Society, Whistler, British Columbia, Canada, October 3-6, 2001 Joint presentation of John Collins Lecture with Dr. R.C. Chian: "In Vitro Maturation of Oocytes"
- 111. 47<sup>th</sup> Annual Meeting of the Canadian Fertility and Andrology Society, Whistler, British Columbia, Canada, October 3-6, 2001 Moderator of Concurrent Session "Applied Gamete Biology"
- 112. American Society for Reproductive Medicine 57th Annual Meeting, Orlando, Florida, U.S.A., October 20-25, 2001 34th Annual Postgraduate Course: Reproductive Imaging Practical Applications of Ultrasound in Reproduction, "What is the significance of diagnosing polycystic ovaries on ultrasound?" and "How do we simplify ART treatment by using ultrasound alone for monitoring?"

- 113. American Society for Reproductive Medicine 57th Annual Meeting, Orlando, Florida, U.S.A., October 20-25, 2001 Leader of roundtable discussion "Update of use of color Doppler ultrasound in infertility"
- 114. American Society for Reproductive Medicine 57th Annual Meeting, Orlando, Florida, U.S.A., October 20-25, 2001 Moderator of Seminar and Workshop "Role of Ultrasound Imaging in the Frontiers of Reproductive Medicine". Lecture: "Role of ultrasound and in vitro maturation of oocytes"
- 115. American Society for Reproductive Medicine 57th Annual Meeting, Orlando, Florida, U.S.A., October 20-25, 2001 Moderator of Concurrent Session "Imaging in Reproductive Medicine SIG"
- 116. 17th World Congress on Fertility and Sterility (IFFS 2001), Melbourne, Australia, November 25-30, 2001 Concurrent Trilogy Session: Late Ground Breaking Research. Lecture: "Treatment of PCO Associated Infertility with ovarian stimulation"
- 117. Advances in Infertility Treatment, Fort Lauderdale, Florida, January 24-26, 2002 "In-vitro maturation of oocytes in assisted reproduction"
- 118. 11<sup>th</sup> World Congress on Human Reproduction, Montreal, Quebec, Canada, June 1-4, 2002 Plenary lecture: "In-vitro maturation of human oocytes for the treatment of infertility".
- 119. Canadian Gynecological Society Meeting, Montreal, Quebec, Canada, September 19-21, 2002 "In-vitro maturation of oocytes for the treatment of infertility"
- 120. Annual Meeting of the American Gynecological and Obstetrical Society, Hot Springs, Virginia, September 12-14, 2002 "In vitro maturation fertilization of oocytes from unstimulated ovaries: Predicting the number of immature oocytes retrieved by early follicular phase ultrasound scan"
- 121. American Society for Reproductive Medicine 58th Annual Meeting, Seattle, Washington, U.S.A., October 12-17, 2002 Leader of roundtable discussion "Do you need 3-D ultrasound in ART?"
- 123. American Society for Reproductive Medicine 58th Annual Meeting, Seattle, Washington, U.S.A., October 12-17, 2002 Seminar and workshop "Implantation failure: Can imaging help?" "In-vitro maturation of immature oocytes"
- 124. American Society for Reproductive Medicine 58th Annual Meeting, Seattle, Washington, U.S.A., October 12-17, 2002 Speaker, concurrent session "Agents which enhance blood flow to the uterus"
- 125. American Society for Reproductive Medicine 58th Annual Meeting, Seattle, Washington, U.S.A., October 12-17, 2002 Moderator, Oral Abstract Presentations, Imaging in Reproductive Medicine Special Interest Group
- 126. Ferring PCO Meeting "OPK Today", Paris, France, October 26, 2002 "In-vitro maturation: Clinical and biological aspects"
- 127. Middle East Fertility Society 9th Annual Scientific Meeting, Cairo, Egypt, October 31-November 2, 2002 "Role of ultrasound and in-vitro maturation of oocytes"
- 128. 12th World Congress on Ultrasound in Obstetrics and Gynecology, New York, U.S.A., November 2-7, 2002 "Uterine receptivity"

- 129. University of Montreal monthly scientific meeting, Montreal, Quebec, Canada, November 25, 2002 "Ovarian and Testicular Congelation"
- 130. First Global Chinese Conference of Reproductive Medicine, Hong Kong, China, December 14-15, 2002 "In-vitro maturation of oocytes" and "Endometrial Receptivity"
- 131. Montreal Children's Hospital, Pediatric Grand Rounds, Montreal, Quebec, Canada, February 19, 2003 "Restoring fertility after treatment with gonadotropins: Feasibility and prospects"
- 132. Wyeth Friday lecture series, University of Montreal, April 4, 2003 "In-vitro maturation for the treatment of infertility and the preservation of fertility"
- 133. Ottawa Hospital, Grand Rounds, Ottawa, Ontario, Canada, April 9, 2003 "In-Vitro Maturation of Oocytes for Treatment of Infertility and Preservation of Fertility in Patients Undergoing Chemotherapy"
- 134. Fourth World Congress on Controversies in Obstetrics, Gynecology & Infertility, Berlin, Germany, April 24-27, 2003 "Ovarian cryopreservation: Are we progressing? Reimplantation or IVM"; discussant (with A. Balen), closed consensus workshop "Ovarian Ultrasound and its role in PCOS"
- 135. PCOS Consensus/Controversy Workshop, Rotterdam, The Netherlands, May 1-4, 2003 "In vitro oocyte maturation".
- 136. 10<sup>th</sup> World Congress of the World Federation for Ultrasound in Medicine and Biology, Montreal, Canada, June 1-4, 2003 Meet the Professor Program "Color Doppler sonography for infertility patients"; "Infertility What is the significance of diagnosing polycystic ovaries on ultrasound?"; symposium moderator "Infertility"
- 137. Combined meeting of the EAEAS, ESGE, and BSGE, Glasgow, Scotland, June 16-18, 2003 "Ultrasound imaging of the pelvis prior to reproductive surgery", and "Polycystic ovaries"
- 138. 13th World Congress on Ultrasound in Obstetrics and Gynecology, Paris, France, August 31 September 4, 2003 "In-vitro maturation of oocytes: Role of ultrasound"; symposium chair "Ovarian dysfunction and subfertility"
- 139. McGill University, Department of Obstetrics and Gynecology Research Division Annual Retreat, Ste Adele, Quebec, Canada, October 3-5, 2003 "In-vitro maturation for infertility and preservation of fertility"
- 140. American Society for Reproductive Medicine 59th Annual Meeting, San Antonio, Texas, U.S.A., October 10-11, 2003, Chairman, Postgraduate Course: Role of Imaging in Reproductive Medicine Practical Issues in 2003 "Use of ultrasound to select the optimum protocol for IVF"; "Selection of candidates for IVF and IVM treatment by ultrasound"; and "Uterine Receptivity"
- 141. American Society for Reproductive Medicine 59th Annual Meeting, San Antonio, Texas, U.S.A., October 11-15, 2003 Leader of round table session "Color Doppler Ultrasound and Infertility"
- 142. American Society for Reproductive Medicine 59th Annual Meeting, San Antonio, Texas, U.S.A., October 11-15, 2003 "Use of ultrasound to select optimal stimulation protocol for IVF"
- 143. 8th McGill International Symposium on Reproductive Endocrinology and Infertility, Montreal, Quebec, Canada, October 25-26, 2003 "IVF with minimal Other Professional Activities

- monitoring Safety and success rates" and "Clinical criteria for selecting patients for IVF of oocytes treatment"
- 144. Annual Scientific Meeting of the Fertility Society of Australia, Perth, Australia, November 1-5, 2003 "Polycystic ovarian syndrome A concept" and "The place of IVM in the management of infertility"
- 145. Annual Student Debate, La Sapiniere, Quebec, Canada, November 14, 2003 "Recent advances in ART treatment"
- 146. First International Scientific Meeting of the International Society of Ultrasound in Obstetrics & Gynecology (ISUOG), Singapore, March 21-24, 2004 "Ultrasound for the diagnosis of polycystic ovarian disease" and "Ultrasound imaging of the pelvis prior to reproductive surgery"
- 147. IFFS 18<sup>th</sup> World Congress on Fertility and Sterility, Montreal, Quebec, Canada, May 23-28, 2004 "New developments in imaging and endoscopy"
- 148. IFFS 18th World Congress on Fertility and Sterility, Montreal, Quebec, Canada, May 23-28, 2004 Moderator, free session "Clinical assisted reproductive technology"
- 149. First International Symposium on *In Vitro Maturation* of Oocytes, Esplanade, Germany, June 26, 2004 "Where are we today internationally".
- 150. Symposium and Workshop of In Vitro Maturation (IVM) of Human Oocytes, Nanjing, China, August 28-29, 2004 "IVM treatment for women with PCO and PCOS"
- 151. Annual CME Lecture Series, McGill University, Department of Obstetrics and Gynecology, Montreal, Quebec, Canada, September 14, 2004 "Management of patients with infertility due to polycystic ovaries"
- 152. Meeting of the Turkish Society for Reproductive Medicine, Istanbul, Turkey, September 21-25, 2004 "What is the optimal ovulation induction protocol in the normal responder?"
- 153. 9th McGill International Symposium on Reproductive Endocrinology and Infertility, Montreal, Quebec, Canada, October 13-14, 2004 "Practical workshop in IVM" with Dr. Ri-Cheng Chian
- 154. American Society for Reproductive Medicine 59th Annual Meeting, Philadelphia, Pennsylvania, U.S.A., October 16-20, 2004, Lecturer for Post-Graduate Course: Reproductive Imaging: See better, do ART better "Ultrasound imaging before reproductive surgery" and "Use of ultrasound to select the optimum stimulation protocol for IVF"
- 155. American Society for Reproductive Medicine 59th Annual Meeting, Philadelphia, Pennsylvania, U.S.A., October 16-20, 2004, Chairman, Symposium: Treating Infertility with In-Vitro Maturation of Oocytes "State of the art in IVM as infertility treatment and for preservation of fertility"
- 156. 6th World Congress on Controversies in Obstetrics, Gynecology & Infertility, Bangkok, Thailand, November 25-28, 2004, Pre-Congress Course on IVF & ART: Is there a recipe for success? "In-Vitro Maturation" and "Is IUI mandatory before IVF? Natural versus stimulated cycle"
- 157. 6<sup>th</sup> World Congress on Controversies in Obstetrics, Gynecology & Infertility, Bangkok, Thailand, November 25-28, 2004 Chairman: "Ovarian stimulation regimens" and "PCOS" sessions.

- 159. Serono Symposia The human oocyte: Genetics, cell signalling, and in-vitro maturation, Turin, Italy, February 11, 2005 "IVM of oocytes from unstimulated polycystic ovary"
- 160. 12<sup>th</sup> World Congress on Human Reproduction, Venice, Italy, March 10-13, 2005 "In-vitro maturation of human oocytes for treatment of infertility"
- 161. 2005 Education Seminar Series on Infertility-IVF, McGill Reproductive Centre, Montreal, Quebec, Canada, March 29, 2005 "Medical Advances for IVF and IVM of Oocytes"
- 162. Lakeshore General Hospital, Pointe-Claire, Quebec, Canada, April 5, 2005 "Recent Advances in Assisted Reproductive Technologies"
- 163. 7th World congress on Controversies in Obstetrics, Gynecology and Infertility, Athens, Greece, April 14-17, 2005 "IVM as an alternative in poor and over responders"
- 164. 7th World congress on Controversies in Obstetrics, Gynecology and Infertility, Athens, Greece, April 14-17, 2005 Chairman: "Ovarian Cryopreservation" session
- 165. Annual Meeting of the Mediterranean Society of Reproductive Medicine, Cannes, France, April 21-23, 2005 "IVM for the treatment of infertility and the preservation of fertility"
- 166. Multidisciplinary Grand Rounds, Royal Victoria Hospital, Montreal, Quebec, Canada, April 28, 2005 "Preservation of Fertility"
- 167. Annual Meeting of the Association of Medical Geneticists of Quebec, Sherbrooke, Quebec, Canada, May 6, 2005 "Clinical aspects of preimplantation genetic diagnosis"
- 168. Grand Rounds, Jewish General Hospital, Montreal, Quebec, Canada, May 13, 2005 "Recent advances in IVF and IVM treatment"
- 169. 13th World Congress on In Vitro Fertilization, Assisted Reproduction and Genetics (IVF 2005), Istanbul, Turkey, May 26-29, 2005 "IVM for treatment of infertility and preservation of fertility" and "Ultrasound and the prediction of ovarian response"
- 170. 13<sup>th</sup> World Congress on In Vitro Fertilization, Assisted Reproduction and Genetics (IVF 2005), Istanbul, Turkey, May 26-29, 2005 Co-Chairman: "In-Vitro Maturation" Session
- 171. Second Global Chinese Congress on Reproductive Medicine, Beijing, China, August 4-6, 2005 Plenary lecture: "Recent advances in IVM" and "Ultrasound and implantation"
- 172. Second Global Chinese Congress on Reproductive Medicine, Beijing, China, August 4-6, 2005 Co-Chairman of Recombinant Gonadotropins New Developments session.
- 173. McGill University Health Centre Combined Endocrine Rounds, Montreal, Quebec, Canada, September 8, 2005 "Recent advances in IVM"
- 174. 15th World Congress on Ultrasound in Obstetrics & Gynecology, Vancouver, British Columbia, Canada, September 25-29, 2005 "Case reports and video demonstration: Ultrasound and reproductive medicine" and "Colour Doppler and 3D ultrasound and implantation of the human embryos"

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175. 15th World Congress on Ultrasound in Obstetrics & Gynecology, Vancouver, British Columbia, Canada, September 25-29, 2005 – Co-Chairman, Managing disorders of ovarian function and subfertility, and discussant in forum Statement on Evidence-Based Management of Asymptomatic Endometrial Pathology

- 176. Second World Congress on In Vitro Maturation, Montreal, Quebec, Canada, October 14, 2005 "Ultrasound diagnosis of PCO" and "Fertility preservation by egg freezing"
- 177. Conjoint Annual Meeting of ASRM & CFAS 2005, Montreal, Quebec, Canada, October 15-19, 2005. Chairman of Global Chinese Society of Reproductive Medicine Post-Graduate Course, An odyssey of 25 years of reproductive medicine "Impact of ultrasound imaging on ovarian stimulation regimens" and "Invitro maturation of oocytes in reproductive medicine"
- 178. St. Mary's Hospital Community Cancer Care Program Therapeutic Issues in Cancer Workshop, Montreal, Quebec, Canada, October 26, 2005 "Preservation of Fertility in Women with Cancer"
- 179. Serono Symposia International, ART in the 21st century: a time for reflection and new horizons, Nice, France, November 11-12, 2005 "IVM for the treat ment of infertility and preservation of fertility"
- 180. Multidisciplinary Surgical Grand Rounds, McGill University Health Centre, Montreal, Quebec, Canada, December 1, 2005 "Fertility preservation in cancer patients"
- 181. Ton Yen General Hospital, Taiwan, January 2, 2006 "IVM for treatment of infertility and preservation of fertility"
- 182. Grand Rounds, Jewish General Hospital, Montreal, Quebec, Canada, January 27, 2006 "Fertility preservation by egg freezing"
- 183. Full Visiting Professor and presentor at Grand Rounds, Weill Medical College of Cornell University, New York, New York, February 6, 2006 "Recent advances in in-vitro maturation of oocytes and oocyte cryopreservation for the preservation of fertility and treatment of infertility"
- 184. Grand Rounds, Montreal General Hospital, Montreal, Quebec, Canada, February 20, 2006 "Fertility preservation for patients with cancer"
- 185. Pediatric Grand Rounds, Centre Hospitalier Universitaire Sainte-Justine, Montreal, Quebec, Canada, March 26, 2006 "Advances in assisted reproductive technologies IVF, IVM, PGD and fertility preservation"
- 186. 4th International Ovarian Conference, Yokohama, Japan, May 13, 2006 "Invitro maturation of oocytes"
- 187. 5<sup>th</sup> National Congress of the Turkish Society of Obstetrics and Gynecology, Antalya, Turkey, May 17-21, 2006 "In-vitro maturation of oocytes (IVM) for treatment of infertility"
- 188. Annual Symposium on Reproductive Medicine, Clínica e Centro de Pesquisa em Reproduçã Humana Roger Abdelmassih, São Paulo, Brazil, August 17-18, 2006 "In-vitro maturation (IVM), oocyte and embryo vitrification"
- 189. Serono Symposium Reproduction and Malignant Disease, Barcelona, Spain, September 16-17, 2006 "Clinical outcome of vitrification of oocytes"
- 190. Public information lecture, Centre Da Vinci, Montreal, Quebec, Canada, Other Professional Activities

September 28, 2006 – "Fertility preservation"

- 191. Resident lecture, Royal Victoria Hosptial, Montreal, Quebec, Canada, September 29, 2006 "Advanced investigations and treatment for the infertile couple"
- 192. Serono educational dinner, 62<sup>nd</sup> Annual Meeting of the American Society of Reproductive Medicine, New Orleans, Louisianna, October 21-25, 2006 "IVM for the treatment of infertility and preservation of fertility"
- 193. XVIII FIGO World Congress, Kuala Lumpur, Malaysia, November 5-10, 2006 "IVM Advantages and indications"
- 194. XVIII FIGO World Congress, Kuala Lumpur, Malaysia, November 5-10, 2006 Chairman, In-Vitro Maturation Session
- 195. 20<sup>th</sup> Anniversary Scientific Meeting, Hong Kong University, Hong Kong, China, November 11-12, 2006 "Clinical development to improve IVF outcome"
- 196. McGill University Health Centre Foundation and Friends of the MUHC, New Faces, New Ideas Breakfast Lecture, Montreal, Quebec, Canada, December 6, 2006 "McGill University Health Centre Women's Health Mission".
- 197. 6th Annual Meeting of the Mediterranean Society for Reproductive Medicine, Antalya, Turkey, April 20-23, 2007 "Development of IVM technology: Will IVM ever replace standard IVF?" and "Fertility Preservation" (keynote lecture)
- 198. Annual Meeting of the Association des hematologues et oncologues du Québec, Quebec City, Quebec, Canada, May 12, 2007 "Preservation of fertility in women undergoing cancer treatment"
- 199. Fourth International Congress on Infertility and Assisted Reproductive Technologies, Moscow, Russia, May 17-29, 2007 "IVM and occyte vitrification in IVF"
- 200. Ottawa General Hospital Grand Rounds, Ottawa, Ontario, Canada, June 6, 2007 "Fertility Preservation"
- 201. 14th World Congress on In Vitro Fertilization & 3rd World Congress on In Vitro Maturation, Montreal, Quebec, Canada, September 15-19, 2007 "Fertility preservation by oocyte freezing" and "Factors predicting IVM success"
- 202. Genetics & IVF Institute, Fairfax, Virginia, October 18, 2007 "Fertility Preservation"
- 203. Second Sino-Canada Bilateral Workshop on Reproductive Health Research, Ottawa, Ontario, Canada, October 19-21, 2007 "In-vitro maturation of the human ooctye"
- 204. The 2<sup>nd</sup> Asian Pacific Congress on Controversies in Obstetrics, Gynecology & Infertility, Shanghai, China, November 9-11, 2007 "IVM Will it ever replace standard IVF?"
- 205. Symposium Harry Bard, Montreal, Quebec, Canada, November 14, 2007 "Recent advances in assisted reproductive technologies"
- 206. Grand Rounds, Cleveland Clinic, Cleveland, Ohio, November 21, 2007 "Fertility Preservation"
- 207. Grand Rounds, Montreal General Hospital, Montreal, Quebec, Canada, December 5, 2007 "Fertility preservation in cancer patients"
- 208. Clinique General Beaulieu, Geneva, Switzerland, January 17, 2008 "In-vitro maturation"

- 209. Medical Association of the Bahamas 36th Annual Conference, Nassau, Bahamas, March 7, 2008 "Freezing Eggs to Keep Eternal Youth"
- 210. Alexandria Forum for Women's Health 30 Years of IVF, Alexandria, Egypt, March 19-21, 2008 "Fertility Preservation"
- 211. 13<sup>th</sup> Annual Conference of Obstetrics & Gynecology, Kuwait, April 6-9, 2008 "In-vitro maturation of oocytes" and "Fertility preservation for cancer"
- 212. AMG Scientific Meeting, Quebec City, Quebec, Canada, May 14, 2008 Panel member re preimplantation genetic diagnosis
- 213. McGill Reproductive Centre Public Information Session, Montreal, Quebec, Canada, May 21, 2008 "Eggs on Ice: Stopping the Biological Clock"
- 214. News You Can Use about Fertility Preservation and Gynecological Cancers (Cedars CanSupport/Faire Face and the McGill Adolescent and Young Adult Oncology Program), Montreal, Quebec, Canada, June 17, 2008 "Fertility preservation"
- 215. IVI Clinic, Barcelona, Spain, July 10, 2008 "IVM Success in 2008"
- 216. 18th World Congress on Ultrasound in Obstetrics and Gynecology, Chicago, Illinois, August 24-28, 2008 "Achieving a consensus regarding the characterisation of PCO" and "Using ultrasound to predict the outcome of fertility treatments"
- 217. 7th International Scientific Meeting of the Royal College of Obstetricians and Gynaecologists, Pre-Congress Course on In-Vitro Maturation, Montreal, Quebec, Canada, September 16, 2008 "Overview of IVM treatment" and "IVM for fertility preservation"
- 218. 13<sup>th</sup> McGill International Symposium on Reproductive Endocrinology and Infertility Infertility 101 for the Generalist, Montreal, Quebec, Canada, September 17, 2008 "Oocyte vitrification"
- 219. 7th International Scientific Meeting of the Royal College of Obstetricians and Gynaecologists, Montreal, Quebec, Canada, September 17-20, 2008 Singapore Lecture: "In-vitro maturation and oocyte vitrification for treatment of infertility and preservation of fertility" (plenary lecture)
- 220. 4th Congress of the World Association of Reproductive Medicine (WARM): Beyond Infertility Breakthroughs in Reproductive Medicine, Guadalajara, Mexico, September 23-26, 2008 "Overview of IVM" and "In Vitro Maturation Where Do We Stand?" and Co-Chair for PGD, Stem Cells and Reprogramming Session
- 221. McGill University Health Centre, Department of Oncology Grand Rounds, Montreal, Quebec, Canada, November 24, 2008 "In-vitro maturation and oocyte vitrification for treatment of infertility and preservation of fertility"
- 222. Serono Symposium: Celebration 30 years of IVF: New Technology in Reproductive Medicine, held during the 11<sup>th</sup> World Congress on Controversies in Obstetrics, Gynecology and Infertility, Paris, France, November 29, 2008 "The role of IVM in the preservation of fertility"
- 223. 11th World Congress on Controversies in Obstetrics, Gynecology and Infertility, Paris, France, November 29, 2008 Participant in debate, Treating Anonvulatory PCOS Patients: What should be the First Choice? "IVM"

- 224. 1st European Congress on In Vitro Maturation of Human Oocytes in Assisted Reproduction, Monza, Italy, December 12-13, 2008 "IVM in fertility preservation"
- 225. Pre-Congress Courses, 15<sup>th</sup> World Congress on IVF and 4<sup>th</sup> World Congress on In Vitro Maturation, Geneva, Switzerland, April 19, 2009 Course 5: Germ Cell and Tissue Ovarian Preservation: Impact on IVM Development (with T Gurgan and M Benhkalifa)
- 226. 15th World Congress on IVF and 4th World Congress on In Vitro Maturation, Geneva, Switzerland, April 19-22, 2009 "IVM and fertility preservation" (Plenary Lecture) and "Oocyte vitrification for cancer and non-cancer fertility preservation"
- 227. 3rd International IVI Congress, Madrid, Spain, May 14-16, 2009 "In-vitro maturation (IVM) in PCO patients".
- 228. American Society for Reproductive Medicine Annual Meeting, Atlanta, Georgia, October 17-21, 2009 Chinese Special Interest Group Roundtable Presentation, "Oocyte vitrification" and Moderator, Round Table Luncheon Discussion "Oocyte vitrification"
- 229. Reproductive Medicine Couples First: HARI 20 years, Dublin, Republic of Ireland, October 30-31, 2009 "IVM An update"
- 230. IRMES Fellowship Lecture Series, Montreal, Quebec, Canada, November 13-15, 2009 "Fertility preservation"
- 231. 14<sup>th</sup> McGill International Symposium on REI and Women's Health, Montreal, Quebec, Canada, November 15-16, 2009 "Basic clinical management of IVM"
- 232. McGill In-Vitro Maturation Workshop, Montreal, Quebec, Canada, November 17, 2009 "Clinical aspect of IVM treatment"
- 233. World Congress on Fertility Preservation, Brussels, Belgium, December 10-12, 2009 "In vitro maturation and oocyte vitrification for the preservation of fertility in cancer patients"
- 234. American Hospital of Istanbul, Istanbul, Turkey, June 24, 2010 "In vitro maturation and oocyte vitrification for the preservation of fertility".
- 235. Congress of the Latin American Association for Reproductive Medicine (ALMER), Bogota, Colombia, September 27-29, 2010 Plenary lecture: "Preserving fertility in patients suffering from cancer" and "Costs, benefits and possible applications for in-vitro maturation (IVM) in Latin America"
- 236. 5th Congress of the World Association of Reproductive Medicine (WARM) Expanding Boundaries in Reproductive Medicine and Technology, Pre-congress course In-Vitro Maturation, Moscow, Russia, October 10, 2010 Chairman and Lecturer: "IVM for fertility preservation"
- 237. 5<sup>th</sup> Congress of the World Association of Reproductive Medicine (WARM) Expanding Boundaries in Reproductive Medicine and Technology, Moscow, Russia, October 11-13, 2010 Plenary Session Chair and Keynote Lecturer, "In-vitro maturation (IVM) technology in 2010"
- 238. 2<sup>nd</sup> Biogenesi Conference—In Vitro Maturation of Human Ooctyes: Biological Foundations for a Breakthrough, Milan, Italy, December 2-4, 2010 "IVM as a strategy for fertility presentation"
- 239. 2<sup>nd</sup> Malaysian Reproductive Medicine Congress, Kuala Lumpur, Malaysia, March 25-27, 2011 Plenary Lecture: "IVM: Is it the end or is it in its infancy?"

and "IVM: Is it the best option for all PCOS?"

- 240. 8th College of Obstetricians & Gynaecologists of Singapore Lecture and Dinner, Singapore, May 6, 2011 Orator: "The present and future of IVF"
- 241. 7th ISUOG Outreach Course, Singapore, May 7, 2011 Singapore Medal Lecture "Treatment of Infertility and Preservation of Fertility"
- 242. 15th McGill Symposium on Reproductive Endocrinology, Infertility and Women's Health & 1st International Concensus Conference on IVM Dedicated to celebrate the achievements of Dr. Seang Lin Tan, May 27, 2011 Development of IVF/ART in the last decade and future of IVM.
- 243. 16<sup>th</sup> World Congress on In Vitro Fertilization, Tokyo, Japan, September 13, 2011 "IVM for fertility treatment and preservation of fertility"
- 244. Qingdao Women's and Children's Healthcare Hospital, Qingdao, China, September 17, 2011 "The present and future of IVF"
- 245. Bejing University First Hospital, Beijing, China, September 20, 2011 "The present and future of IVF"
- 246. University of British Columbia Grand Rounds, Vancouver, Canada, October 20, 2011 "The present and future of IVF."
- 247. COGI BCGIP Bangkok, Thailand, Nov 24-26, 2011 "IVM for PCOS: A routine procedure"
- 248. 14th World Congress on Human Reproduction, Melbourne, Australia, November 30 to December 3, 2011 "Advances in IVM treatment for infertility"
- 249. Sincere-LIFE ART Workshop 2012, Singapore, Malaysia, March 7-9, 2012 Invited Speaker and Chairperson "New strategies in ovarian stimulation", "Current status of IVM", "New approaches in decreasing stress in ART" and "Social oocyte banking".
- 250. COGI World Conference on Building Consensus in Gynecology, Infertility and Perinatology, May 3-6, 2012, Barcelona, Spain "IVM as an alternative to FSH IUI for treatment of infertility"
- 251. 2º Congrès de la Société Québécoise de Fertilité et Andrologie, Montreal, Quebec, May 24-25, 2012 "Préservation sociale de la fertilité: avancée médicale ou caprice social?"
- 252. Grand Rounds University of Vermont, Burlington, Vermont, Canada, October 16, 2012 "Fertility preservation for social and medical reasons"
- 253. 68<sup>th</sup> Annual Meeting of the ASRM, San Diego, California, USA, Oct 20-24, 2012
   Roundtable Chairman and Speaker "Social fertility preservation"
- 254. The International Conference on Preservation of Fertility in Cancer Patients, Hong Kong, China, Feb 1-3, 2013 Invited Speaker "IVM in fertility preservation" and "Social oocyte storage for fertility preservation"
- 255. The International Ovarian Conference, Taipei, Taiwan, March 9-10, 2013 Lecturer "Social egg freezing"
- 256. 15<sup>th</sup> World Congress on Human reproduction. Venice, Italy, March 13-16, 2013

   Active Fellow and Plenary Session Chairman "IVM treatment for difficult patients"

- 257. New Horizons in IVF Genetic Diagnosis II, Alicante, Spain, March 17-19, 2013 Invited Speaker "Oocyte maturation physiology: review of basics and key to euploidy"
- 258. The World Congress on Building Consensus out of Controversies in Gynecology, Infertility and Perinatology (BCGIP-COGI), Istanbul, Turkey, May 30 to Jun 02, 2013. Plenary Symposium "The Lutheal phase following GnRH agonist ovulation triggering"
- 259. Global Innovations in Fertility, London, United Kingdom, July 7, 2013 Organizer and Lecturer "Social oocyte vitrification".
- 260. 4th Congress of the Asia Pacific Initiative on Reproduction, Osaka, Japan, Sept 1-2, 2013 Chairperson in Workshop: Cryoprservation, Conference "Advances in in vitro maturation treatment for infertility"
- 261. 17<sup>th</sup> World Congress on In Vitro Fertilization. Tunis, Tunisia. Oct 04-07, 2013 Chairman and Lecturer "Is there a place for IVM in ART?"
- 262. Global Innovations in Fertility Global Chinese Association of Reproductive Medicine Pre-ASRM Conference, Boston, Massachusetts, USA, Oct 11-18, 2013 Organizer and Roundtable Chairman "Social oocyte vitrification"
- 263. Grand Rounds Wayne State University School of Medicine, Detroit, USA, Oct 22, 2013 Lecturer "Female fertility preservation & Social advances"
- 264. 5th Asia Pacific Congress on Building Consensus out of Controversies in Gynecology, Infertility and Perinatology (BCGIP-COGI), Shanghai, China. Nov 21-23, 2013 Chairperson and Lecturer "Vitrification of oocytes and embryos in modern-d20ay ART: Donor egg, PGD, PGS."
- 265. Grand Rounds Division of Gastroenterology McGill University, Montreal, Canda. Oct 2<sup>nd</sup>, 2013. Lecturer "Fertility preservation for gastro-intestinal and other disorders."
- 266. Grand Rounds Division of Endocrinology McGill University, MUHC, Montreal, Canada. Oct 21, 2013. "In vitro maturation of oocytes for medical and non-medical indications."
- 267. Workshop on Scientific Writing, Montreal Reproductive Centre, Montreal, Canada, Oct 19, 2013. –Organizer.
- 268. Grand Round University of Sichuan, China. Dec 21rst, 2013. Lecturer "Combined obstetrics/gynecology and oncology."
- 269. International Workshop on Women's Reproductive Health Research, Ottawa, Canada, April 11-13, 2014. "Female fertility preservation for medical and social reasons." Invited speaker; "Infertility biological and clinical aspects." Chairman.
- 270. Pacific Coast Repro Society's Webminar sponsored by Fertility & Sterility, March 20, 2014. "New Developments in PGS: Live Prize Paper Candidates from Other Professional Activities

the PCRS Meeting."

- 271. Journées Euro-Mediterranennes, Montpellier, France, June 6, 2014. "Conserver la fertilité par le tissue ovarien, l'ovocyte et la congélation embryonnaire." - Invited speaker
- 293. GIFT 3 Pre-ESHRE Meeting, Munich, Germany, June 29, 2014. "Social oocyte vitrification International implications." Speaker and organizer.
- 294. IV International Research and Practice Conference IVF: Predictors of Success. Ekaterinburg, Russian Federation, September 30, 2014. "Female fertility preservation for social reasons." Invited Speaker.
- 295. 6th Biannual Reproductive Endocrinology and Infertility Congress. Antalya, Turkey, November 8, 2014. "Advantages & disadvantages of mild ovarian stimulation for IVF." and "Meet the expert: Optimum dose and protocol selection for IVF procedure." Invited Speaker.
- 296. 6th Asia Pacific Congress on Controversies in Gynecology, Infertility & Ultrasound Saigon, Vietnam, November 21, 2014. "The need for LH effects in antagonist protocols." Chairman
- 297. 6th Asia Pacific Congress on Controversies in Gynecology, Infertility & Ultrasound Saigon, Vietnam, November 21, 2014. "IVM in the face of GnRH agonist trigger." Invited Speaker
- 298. Ovarian Club 5 Meeting, Preparing the ovaries for egg collection: integrating science into practice. Hong Kong, China, January 31st to February 1st.2015 "Advantages and pitfalls of agonists downregulation" Invited Speaker
- 299. 16th World Congress on Human Reproduction. Berlin, Germany, March 18-21st, 2015. "IVM for poor and hyper-responders and poor quality embryos" Invited speaker and "Ovarian reserve: Background and implications for reproduction and beyond" Chairman
- 300. COGI 2015, 21st World Congress on Controversies in Obstetrics, Gynecology & Infertility, 07-10May, 2015. Guilin, China. "IVM as replacement first line therapy instead of IUI", and Co-chair the session of PGS.
- 301. COGI, The 21st Congress on Innovation In Reproductive Medicine: Improving our skills through education. Frankfurt, Germany, May 14-16, 2015. Organizing committee member and lecturer.
- 302. COGEN 2015, 1st Meeting on Controversies in Preconception, Preimplantation and Prenatal Genetic Diagnosis ,25-27 September, 2015. Paris, France.
- 303. International Society of In Vitro Fertilization (ISIVF). Copenhagen, Denmark on September 27th to September 30th, 2015. "IVM role in fertility treatment indications and comparisons".invited speaker

- 304. 61st annual meeting of the Canadian Fertility and Andrology Society (CFAS). Halifax. October 1-4, 2015. "State of the Art Fertility Care- the Quest for Excellence".
- 305. 48th Annual Postgraduate Program, October 17-18, 2015 Baltimore, MD. ASRM. "PG05: Preimplantation Genetic Diagnosis on Reproductive Outcome of Poor Assisted reproductive Technology Patients with Use of Next-Generation Sequencing for Aneuploidy Testing: Is the Time for Routine Testing Here?"
- 306. eIVF Users Meeting, Dallas, USA. Aug 27, 2015 (attented)
- 307. Meeting at FIV centre Madrid, 8-9 November, 2015. Lecture titled "IVM for PCOS patient: Is it really needed?". Invited speaker.
- 308. The Ovarian Club Meeting, Nov 14-15, 2015 Barcelona, Spain: It's All About Energy: What more can we do to improve pregnancy success rates? Lecture titled: "IVM for PCOS patient: Is it really needed?". Invited speaker
- 309. The Penang Medical Practitioner's Society (PMPS), On December, 21<sup>st</sup>, 2015. "Fertility preservation in women for medical and social reasons". Invited speaker
- 310. Shanghai Red leaf International Women's Hospital, March, 25<sup>th</sup>, 2016. "Social fertility preservation". Invited speaker
- 311. Jiansu Sheng Changzhou Women and Children Health Hospital, On March, 26th, 2016. "Social fertility preservation" invited speaker
- 312. EXCEMED Conference in Reproductive Medicine: "Insights into the ovary, oocyte and beyond: key to success" to be held in Prague (Czech Republic) on 22 23 April. Attended
- 313. University of Georgia. Tbilisi state. April, 2016 "fertility preservation by IVF and IVM/Egg and Ovarian Tissue Freezing" invited speaker
- 314. 6<sup>th</sup> ASM.OGSHK and Ovarian Club VIII, Hong Kong May, 21-22, 2016."High Estrogen and Progesterone Levels and Ovarian Stimulation" invited speaker
- 315. He Xian Hospital Reproductive centre. May 23, 2016. "IVF and IVM Ovum Freezing and Embryo Freezing". Invited speaker.
- 316. Midwest Reproductive Symposium international 2016, Chicago. June 15, 2016. Attended.
- 317. Pre-ESHRE advanced course in embryology IVF today: is it possible to further improve the clinical outcomes? Helsinki-Finland, July 2, 2016. Helsinki-Finland.
- 318. The 32<sup>nd</sup> Annual Meeting of ESHRE. Helsinki-Finland, July 3-6, 2016, attended.

- 319. CFAS annual meeting. September 22-24, 2016 in Toronto. "ART in the Era of Personalized Medicine". Attended
- 320. ART World Congress, October 13-14, 2016. "Latest advance in IVM collection and treatment protocol". Invited speaker
- 321. ASRM 2016 Scientific Congress & Expo in Salt Lake City, UT. October 15-19, 2016 Attended
- 322. CHHD Annual Retreat 2016 Program. "Female fertility preservation by oocyte and ovarian tissue vitrification", invited speaker
- 323. The 8<sup>th</sup> Ovarian Club Meeting: Building a bridge between science and clinical practice, November 4-6, Paris, France. Attended
- 324.
- 325. EFSS 22<sup>nd</sup> Annual International Conference. Cairo Egypt, December 1-2, 2016, New trend and development in women's reproductive health. "Female fertility preservation for medical and social reasons- a new paradigm for 21<sup>st</sup> century" And "Modified natural cycle IVF combined with IVM for treatment of fertility". Invited speaker.
- 326. Second World Congress on Embryo Transfer and IUI (WETI): 8-11 December 2016, Sri-Lanka. "Transvaginal Ultrusound guided Embryo Transfer" And "Modified natural cycle IVF combined with IVM for treatment of fertility". Invited speaker

## OTHER PROFESSIONAL ACTIVITIES

#### **EDITORSHIPS**

|    | Journal   | Position                                | Term      |
|----|---|---|-----------|
| 1. | Current Opinion in Obstetrics and<br>Gynecology         | Editorial Board Member                  | 1993-2003 |
| 2. | Egyptian Journal of Fertility and<br>Sterility          | Member, International<br>Advisory Board | 1997-     |
| 3. | Human Reproduction                                      | Editorial Board Member                  | 1995-2000 |
| 4. | Journal of Assisted Reproduction and<br>Genetics (JARG) | Editorial Board Member                  | 2006-2009 |
| 5. | Journal of Obstetrics & Gynaecology<br>Canada (JOGC)    | Editorial Board Member                  | 1995-2000 |
| 6. | Progress in Obstetrics and Gynecology                   | Co-editor                               | 2006-     |

| 7.  | Reproductive Biomedicine Online                       | Ed., Assisted Conception            | 2001-2010              |
|-----|---|-------------------------------------|------------------------|
|     |   | Emeritus Board Member               | 2010-                  |
| 8.  | Seminars in Reproductive Medicine                     | Guest editor                        | 2001-                  |
| 9.  | Singapore Journal of Obstetrics and<br>Gynaecology    | Treasurer<br>Editorial Board Member | 1983-1985<br>1986-1994 |
|     | a, naconog,   | Burtoria Board Member               | 1300 1331              |
| 10. | Singapore Medical Journal                             | Editorial Board Member              | 1987-1994              |
| 11. | World Journal of Clinical Oncology                    | Editorial Board Member              | 2010-                  |
| 12. | IVF Worldwide   | Advisory Board                      | 2009-                  |
| 13. | Obstetrics and Gynecology<br>International            | Editorial Board Member              | 2013-                  |
| 14  | Obstetrics & Gynecology: An<br>International Journal  | Editorial Board                     | 2014-                  |
| 15  | Journal of Reproductive Endocrinology & Infertility.  | Editorial Board Member              | 2015-                  |
| 16  | Journal of Biorepository Science for Applied Medicine | Editorial Board Member              | 2015-                  |

## JOURNAL REFEREE

- 1. American Journal of Obstetrics and Gynecology
- 2. British Journal of Obstetrics and Gynecology
- 3. Fertility and Sterility
- 4. Gynecological Endocrinology
- Human Reproduction
- International Journal of Gynecology and Obstetrics
- 7. The Lancet
- 8. Obstetrics and Gynecology
- 9. Nature
- 10. RBM Online
- 11. Ultrasound in Obstetrics and Gynecology
- 12. Fertile Future

#### **GRANT REVIEWS AND GRANTS AWARDED**

- McGill University Health Centre Ethics Review Board (April 2008)
- RCOG Wellbeing of Women Project Grant Application (October 2008)
- MITACS "Developmental Potential of Oocytes after Cryopreservation" (2013-2014)
- MITACS "Assessment and Selection of Competent Oocytes for Embryo Development" (2013-2014)
- WCPRS Studenship: University of Warwick -Montreal Reproductive and Regenerative Medicine Foundation-University of Sussex "Molecular maturation of oocytes: Explaining the maternal age effect on humans" (2013-2016)
- Montreal Reproductive and Regenerative Medicine Foundation "Induction of apoptosis by copper in endometrial cells" and "Plasma biomarkers for ectopic pregnancy" (2014-2015)
- Montreal Reproductive and Regenerative Medicine Foundation "Workshop on Scientific Writing," by Professor Gedis Grudzinskas, October 19<sup>th</sup>, 2013.
- Montreal Reproductive and Regenerative Medicine Foundation Professor Han YiBing visit. (2016)
- Medical Research Council (UK) Unique geometry of sister kinetochores in human oocytes during meiosis I may explain maternal age-associated increases in chromosomal abnormalities (2016)

## MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

| Name of Society/Membership Level or Position Held                                       | Dates            |
|---|------------------|
| Academy of Medicine, Singapore • Secretary, Chapter of Obstetricians and Gynaecologists | 1987 - 1989      |
| American Association of Gynecological Laparoscopists (AAGL)                             | 1998 -           |
| American College of Obstetricians and Gynecologists (ACOG) • Fellow                     | 2006 -           |
| American Gynecological and Obstetrical Society (AGOS)  • Fellow                         | 2002 -           |
| American Institute of Ultrasound in Medicine (AIUM)  • Senior member                    | 1995 -<br>2004 - |

sound

1998 -

World Endometriosis Society

## COMMITTEE MEMBERSHIPS

# **University**

| University of Singapore Students Union Executive Council  | 1974-1975 |
|---|-----------|
| Organizing Committee for King's College Course for Part 2 MRCOG Exam, London, U.K.                            | 1990      |
| McGill University Council of Clinical Chairs, Faculty of Medicine   | 1995-     |
| McGill Reproductive Centre Ethics Working Group   | 1997-     |
| McGill University Faculty Executive Committee, Faculty of Medicine  | 1999-2000 |
| Student Promotions Committee, Faculty of Medicine, McGill University  | 1999-2001 |
| McGill Medical Ambassador, Faculty of Medicine, McGill University   | 2003-     |
| Search Committee for Chief of Obstetrics and Gynaecology, St. Mary's Hospital, Montreal, Quebec, Canada       | 2004-2005 |
| Clinical Investigator Program, McGill University – Representative,<br>Department of Obstetrics and Gynecology | 2008-     |

# **Hospital**

| Training Subcommittee, Ministry of Health, Singapore  | 1987-1989 |
|---|-----------|
| Royal Victoria Hospital President's Advisory Committee  | 1994-     |
| Executive Committee of Council of Physicians and Surgeons of the Royal Victoria Hospital  | 1994-     |
| Royal Victoria Hospital Research Institute Committee  | 1996-1997 |
| Royal Victoria Hospital Ethics Committee  | 1997-     |
| McGill University Health Centre Planning Advisory Council, Task Force<br>No. 1: Clinical Organization                                     | 2000-2001 |
| McGill University Health Centre Planning Advisory Council, Task Force<br>No. 6: Education, Medical Office Space and Support<br>• Chairman | 2000-2001 |
| McGill University Health Centre Ambulatory Task Force   | 2004-2005 |
| Search Committee for Program Director of Medical Genetics Program,<br>McGill University Health Centre                                     | 2005-2007 |

| Redevelopment Project Steering Committee, McGill University Health<br>Centre | 2005 |
|--|------|
| Committee for exploration of Bill C-33, McGill University Health Centre      | 2006 |

## **Government**

| Quebec Government  |           |
|--|-----------|
| • Member, Provincial working committee on ethics of assisted   | 2007-2010 |
| reproductive technology  |           |
| Member, Provincial Working Committee for public funding of IVF | 2009-2010 |
|  |           |

# Congresses and Symposia

| XII World Congress of Fertility and Sterility • Scientific Committee  | 1986 |
|---|------|
| XII World Congress on Fertility and Sterility  • Organizing Committee – Pre and post-congress scientific program  | 1986 |
| Workshop on prenatal diagnosis, jointly organized by Kandang Kerbau<br>Hospital and Thompson Medical Centre  • Organizing Committee   | 1988 |
| Symposium on Recent Advances in the Management of Infertility, Academy of Medicine, Singapore  • Co-Chairman, Organizing Committee  | 1988 |
| First International Scientific Meeting of the Royal College of Obstetricians and Gynaecologists  • Scientific Committee   | 1990 |
| International Symposium on Assisted Reproduction, Bled, Slovenia • International Scientific Committee   | 1994 |
| First McGill International Symposium on Recent Advances in Infertility and Reproductive Endocrinology – Pre IX World Congress on Human Reproduction Symposium, Montreal, Quebec, Canada  • Chairman, Organizing Committee | 1996 |
| 10 <sup>th</sup> World Congress on In-Vitro Fertilization and Assisted Reproduction, Vancouver, British Columbia, Canada  • International Scientific Program Committee  | 1997 |
| Second McGill International Symposium on Reproductive Endocrinology – Pre 10 <sup>th</sup> World Congress of In-Vitro Fertilization and Assisted Reproduction, Montreal, Quebec, Canada  • Chairman, Organizing Committee | 1997 |

| VI World Congress on Endometriosis, Quebec City, Quebec, Canada • National Advisory Committee  | 1998 |
|--|------|
| Third McGill International Symposium on Reproductive Endocrinology – Post VI World Congress on Endometriosis, Montreal, Quebec, Canada • Chairman, Organizing Committee                                      | 1998 |
| 8 <sup>th</sup> World Congress on Ultrasound in Obstetrics and Gynecology,<br>Edinburgh, Scotland • International Organizing Committee   | 1998 |
| Fourth McGill International Symposium on Reproductive Endocrinology – Pre-8 <sup>th</sup> Annual Congress of the International Society for Gynecologic Endoscopy  • Chairman, Organizing Committee           | 1999 |
| 8th Annual Congress of the International Society for Gynecologic Endoscopy, Montreal, Quebec, Canada  • Chair, Industry Advisory Committee   | 1999 |
| World Congress on Human Reproduction, Salvador, Bahia, Brazil • International Advisory Committee   | 1999 |
| 11 <sup>th</sup> World Congress on In-Vitro Fertilization and Human Reproductive Genetics, Sydney, Australia   | 1999 |
| Conjoint Annual Meeting of the American Society for Reproductive Medicine and the Canadian Fertility and Andrology Society, Toronto, Ontario, Canada  • Imaging Abstract Committee                           | 1999 |
| Canadian Fertility and Andrology Society Mini Symposium: Hot Topics in ART, Toronto, Ontario, Canada  • Co-Chairman  | 2000 |
| Fifth McGill International Symposium on Reproductive Endocrinology and Infertility – Pre 54th SOGC Annual Clinic Meeting/34th AOGQ Annual Meeting, Montreal, Quebec, Canada  • Chairman, Organizing Committe | 2000 |
| AAGL Symposium on Advances in Gynecology, Endoscopy and Reproduction – Pre-XVII Asian/Oceanic Congress of Obstetrics and Gynaecology, Singapore  • Program Co-Chairman                                       | 2000 |
| XVII World Congress on Fertility and Sterility, Singapore  • Director  | 2000 |
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| 12 <sup>th</sup> World Congress on In-Vitro Fertilization and Molecular Reproduction, Buenos Aires, Argentina  • International Scientific Advisory Committee                                   | 2001      |
|--|-----------|
| Sixth McGill International Symposium of Reproductive Endocrinology, Infertility and Uterine Fibroid Embolization, Montreal, Quebec, Canada • Chairman, Organizing Committee                    | 2001      |
| WFUMB/AIUM 2003 Convention, Montreal, Quebec Canada (2003) • Regional Representative, Annual Convention Committee  | 2001-2003 |
| American Society for Reproductive Medicine 57th Annual Meeting, Orlando, Florida  • Chair, Post-graduate Course: "Reproductive Imaging – Practical Applications of Ultrasound in Reproduction" | 2001      |
| International Academy of Human Reproduction 11th World Congress on Human Reproduction, Montreal, Quebec, Canada (2002)  • Congress President   | 2001-2002 |
| Seventh McGill International Symposium on Reproductive Endocrinology and Infertility, Montreal, Quebec, Canada  • Chairman, Organizing Committee   | 2002      |
| 3 <sup>rd</sup> Conference of the Pacific Rim Society for Fertility and Sterility, Taipei, Taiwan  • International Advisory Committee  | 2002      |
| 4 <sup>th</sup> World Congress on Controversies in Obstetrics, Gynecology and Infertility, Berlin, Germany (2003)  • Scientific Committee  | 2002-2003 |
| American Society for Reproductive Medicine 58th Annual Meeting, Seattle, Washington, USA  • Imaging Abstract Committee   | 2002      |
| 13th World Congress of In-Vitro Fertilization, Assisted Reproduction and Genetics, Istanbul, Turkey (2005)  • International Scientific Committee   | 2003-2005 |
| Eighth McGill International Symposium on Reproductive Endocrinology and Infertility, Montreal, Quebec, Canada  • Chairman, Organizing Committee  | 2003      |
| American Society for Reproductive Medicine 59th Annual Meeting, San Antonio, Texas  • Chair, Post-graduate Course: "Role of Imaging in Reproductive Medicine – Practical Issues in 2003"       | 2003      |

| PCOS Consensus Workshop • Scientific Committee   | 2003      |
|--|-----------|
| Global Chinese Association for Reproductive Medicine (GCARM)  • Preparatory Committee  | 2003      |
| 2008 International Scientific Meeting, Royal College of Obstetricians and Gynaecologists (UK), Montreal, Quebec, Canada  • Congress President  | 2003-2008 |
| 7 <sup>th</sup> World Congress on Controversies in Obstetrics, Gynecology and Infertility, Athens, Greece • International Scientific Committee   | 2004      |
| Ninth McGill International Symposium on Reproductive Endocrinology<br>and Infertility and First World Congress on In-Vitro Maturation,<br>Montreal, Quebec, Canada<br>• Chairman, Organizing Committee           | 2004      |
| 2 <sup>nd</sup> Global Chinese Congress on Reproductive Medicine, Beijing, China • Chairman, Organizing Committee  | 2004-2005 |
| Tenth McGill International Symposium on Reproductive Endocrinology & Infertility and Women's Health and Second World Congress on In-Vitro Maturation, Montreal, Quebec, Canada  • Chairman, Organizing Committee | 2005      |
| Conjoint Annual Meeting of ASRM & CFAS 2005, Montreal, Quebec, Canada • Chair, Post-graduate Course: "An odyssey of 25 years of reproductive medicine"   | 2005      |
| 5 <sup>th</sup> Mediterranean Society for Reproductive Medicine (MSRM) Congress, Crete, Greece, April 27-29, 2006  • Member, MSRM Advisory Board   | 2006      |
| Eleventh McGill International Symposium on Reproductive Endocrinology & Infertility and Women's Health, Montreal, Quebec, Canada  Chairman, Organizing Committee   | 2006      |
| 14th World Congress on In Vitro Fertilization, Assisted Reproduction & Genetics, and Third World Congress on In Vitro Maturation, Montreal, Quebec, Canada  • Congress President                                 | 2007      |
| Association of Professors of Obstetrics and Gynecology (APOG)  • Abstracts Awards Judge, Annual Meeting, Toronto, Ontario, Canada  | 2007      |

| International Society of Prenatal Diagnosis (ISPD) Scientific Meeting,<br>Vancouver, British Columbia, Canada<br>• Member, Scientific Committee   | 2008      |
|---|-----------|
| Pre-Congress Course for Royal College of Obstetricians and Gynaecologists (UK) International Scientific Meeting: "13th McGill International Symposium on Reproductive Endocrinology and Infertility – Infertility 101 for the Generalist"  • Chairman, Organizing Committee | 2008      |
| Royal College of Obstetricians and Gynaecologists (RCOG) (UK) International Scientific Committee  • Member, Scientific Committee  | 2008      |
| Pre-Congress Course on IVM for 4th Congress of the World Association of Reproductive Medicine  • Co-Chairman and Co-Organizer   | 2008      |
| <ul> <li>15th World Congress on In-Vitro Fertilization and 4th World Congress on In-Vitro Maturation</li> <li>Member, Organizing Committee</li> <li>Member, Scientific Program Committee</li> <li>Member, Scientific Committee</li> </ul>                                   | 2008-2009 |
| 16th World Congress on In-Vitro Fertilization, Tokyo, Japan • Member, International Scientific Program Committee  | 2009-2011 |
| <ul> <li>4th Asia Pacific Initiative on Reproduction (ASPIRE 2012) &amp; 30th Annual Meeting of the Japanese Society of Fertilization and Implantation (JSFI 2012)</li> <li>Member, International Advisory Board</li> </ul>   | 2010-2012 |
| 15th McGill Symposium on Reproductive Endocrinology, Infertility and Women's Health & 1st International Consensus Conference on IVM (2011)  | 2011      |
| Chairman, Organizing Committee  |           |
| Sincere-LIFE ART Workshop 2012, Singapore   | 2012      |
| Chairman  |           |
| GIFT-GCARM Pre-ESHRE Conference, London, UK   | 2013      |
| President and Organizing Committee  |           |
| GIFT-GCARM Pre-ASRM Conference, Boston, USA   | 2013      |
| Chairman  |           |
| ASRM Annual Meeting, Boston, USA  | 2013      |
| President of the roundtable of the ChSIG  |           |
| GIFT 3 Pre-ESHRE Meeting, Munich, Germany   | 2014      |
|   |           |

| President and Organizing Committee   |      |
|--|------|
| International Workshop on Women's Reproductive Health Research,<br>Ottawa, Canada  | 2014 |
| • Chairman   |      |
| 6th Asia Pacific Congress on Controversies in Gynecology, Infertility & Ultrasound   | 2014 |
| Chairman   |      |
| 16th World Congress on Human Reproduction. Berlin, Germany. "Ovarian reserve: Background and implications for reproduction and beyond"   | 2015 |
| • Chairman   |      |
| COGI 2015, 21st World Congress on Controversies in Obstetrics, Gynecology & Infertility, 07-10May, 2015. Guilin, China.  • Co-chair the session of PGS.  | 2015 |
| COGI, The 21st Congress on Innovation In Reproductive Medicine : Improving our skills through education  • Organizing committee member   | 2015 |
| 6th ASM.OGSHK and Ovarian Club VIII, Hong Kong May, 21-22, 2016  Organizing committee member.  | 2016 |
| The 8th Ovarian Club Meeting: Building a bridge between science and clinical practice, November 4-6, Paris, France.  • Organizing committee member.  | 2016 |
| <ul> <li>EFSS 22nd Annual International Conference. Cairo Egypt, December 1-2,</li> <li>2016, New trend and development in women's reproductive health.</li> <li>Organizing committee member.</li> </ul> | 2016 |
| Second World Congress on Embryo Transfer and IUI (WETI): 8-11  December 2016, Sri-Lanka.  Organizing committee member.   | 2016 |
|  |      |

Revised: February 2017

- Pan leaghi