*CURRICULUM VITAE*

Faten F. AbdelHafez Ahmed

**ADDRESS:**

1513 West 68th Avenue

Vancouver, BC, V6P 2V4

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**PRESENT APPOINTMENT:**

## Oct 2013-Present **Lecturer**, Department of Obstetrics and Gynecology, Assiut School of Medicine, Assiut, Egypt

**PREVIUOS APPOINTMENTS:**

July 2010-Aug 2011: **Staff,** Project Scientist, Department of Ob/Gyn, Cleveland Clinic Foundation, Cleveland, Oh, USA

August 2005-June 2010: **Research Fellow,** Cleveland ClinicFertility Center at Beachwood, Department of Ob/Gyn, Cleveland, Oh, USA

## June 2005-Sept 2013: **Assistant Lecturer**, Department of Obstetrics and Gynecology, Assiut School of Medicine, Assiut,Egypt

## Feb.2004- Feb.2005: **Chief Resident in Obstetrics and Gynecology** (PGY IV) Department of Obstetrics and Gynecology, Assiut School of Medicine, Assiut, Egypt

## March 2002-Jan. 2004: **Resident in Obstetrics and Gynecology**

## Department of Obstetrics and Gynecology, Assiut School of Medicine, Assiut, Egypt

## March 2001-Feb. 2002 **Internship in General surgery and Internal Medicine,** Assiut University Hospital, Assiut School of Medicine, Assiut, Egypt

**DEGREES & EDUCATION:**

July 2005-Oct 2013 **Doctorate degree** in Obstetrics and Gynecology, Department of Obstetrics and Gynecology, Assiut School of Medicine, Assiut, Egypt

Feb.2001- June 2005: **Master of Science (M.Sc)**, Department of Obstetrics and Gynecology, Assiut School of Medicine, Assiut, Egypt

Sept. 1994-Sep 2000: **Bachelor of Medicine and Surgery (MB BS)** Assiut School of Medicine, Assiut, Egypt

Sept. 1991- Sept. 1993: **Egyptian Baccalaureate** (High school Graduation)

April 1983- June 1991: **Primary and Secondry education** at Salam Language School (Advanced level of both English and French Languages), Assiut, Egypt.

Feb. 1982-March 1983: **Primary education at** George Washington School, Chicago, USA.

**MEMBERSHIP:**

March 2002: Egyptian Medical Syndicate membership

**THESIS:**

June 2004:  **M.Sc. thesis** titled ‘Modified Technique for Cesarean Section: A Randomized Clinical Trial’

Jan 2013: **Doctorate degree thesis** titled “Cryopreservatyion of Ovarian Follicles and Embryos: Comparative Study and Systematic Review”

**PUBLICATIONS:**

**JOURNAL ARTICLES:**

1. Mohamed A Bedaiwy, Paul J Yong, Tarek A. Farghaly M, **Faten F Abdelhafez**, Justin Tan, Rachel Pope , William W Hurd, James H Liu, Kristine Zanotti (2018)

The effect of age and body mass index on the surgical anatomy of supraumbilical port insertion: implications for laparoscopic and robotic surgery, *Gynecologic and Obstetric Investigation,* (In press).

1. **F.F. AbdelHafez**, Y. Tang, M.H. Hassan, T.H. Saleem (2018)Assessment of Anti-Mullerian Hormone (AMH) levels in a pilot cohort of peripubertal females: Correlation with sex maturity rating (SMR), *Middle East Fertility Society Journa*l,(In press)
2. Tarek Farghaly, Katherine Rhodes-Long**, Faten Abdelhafez**, Esraa Badran, Ali Ahmady (2017), The Effect of Alginate Three-Dimensional Culture on the Development of Pre-implantation Mouse Embryos, *SciFed Obstetrics & Women Healthcare Journal*, Vol 1, Issue 2, 1000001.
3. Mohamed Fawzy, Mohamed Y. AbdelRahman, Mohamed H. Zidan, **Faten F. Abdel Hafez****,** et.al., (2017) Humid versus dry incubator: a prospective, randomized, controlled trial *Fertility and Sterility,* Vol. 108, Issue 2: 277–283 (other relevant work)
4. [Mohamed Fawzy](http://www.sciencedirect.com/science/article/pii/S0015028217305332?via%3Dihub#!), [Mai Emad](http://www.sciencedirect.com/science/article/pii/S0015028217305332?via%3Dihub#!), [Mohamed Y.AbdelRahman](http://www.sciencedirect.com/science/article/pii/S0015028217305332?via%3Dihub#!), [HazemAbdelghafar](http://www.sciencedirect.com/science/article/pii/S0015028217305332?via%3Dihub#!), [**Faten F.Abdel Hafez**,](http://www.sciencedirect.com/science/article/pii/S0015028217305332?via%3Dihub#!) [Mohamed A.Bedaiwy](http://www.sciencedirect.com/science/article/pii/S0015028217305332?via%3Dihub" \l "!) (2017) Impact of 3.5% O2 culture on embryo development and clinical outcomes: a comparative study**,** *Fertility and sterility,* ahead of print (PMID:28847488) (other work)
5. Ali M. El Saman, Faten F. AbdelHafez, Kamal M. Zahran, Hazem Saad, Mohamed Khalaf, Mostafa Hussein, Ibrahim M. A. Hassanin, and Saba M. Shugaa Al Deen, [Tactile Electrosurgical Ablation: A Technique for the Treatment of Intractable Heavy and Prolonged Menstrual Bleeding](http://www.hindawi.com/journals/mis/2015/895062/) *Minimally Invasive Surgery* Volume 2015 (2015), Article ID 895062
6. Franjoine SE, Bedaiwy MA, **AbdelHafez FF**, Geng C, Liu JH. [Clinical Effectiveness of Modified Laparoscopic Fimbrioplasty for the Treatment of Minimal Endometriosis and Unexplained Infertility.](http://www.ncbi.nlm.nih.gov/pubmed/26064680) *Minim Invasive Surg*. 2015;2015:730513. doi: 10.1155/2015/730513. Epub 2015 May 6
7. Bedaiwy MA, Sheyn D, Eghdami L, **Abdelhafez FF**, Volsky JG, Nickles-Fader A, Escobar PF. [Laparoendoscopic single-site surgery for benign ovarian cystectomies.](http://www.ncbi.nlm.nih.gov/pubmed/25660750) *Gynecol Obstet Invest*. 2015;79 (3):179-83 doi: 10.1159/000367659. Epub 2015 Feb 4
8. Mona AH El-Baz, Sahar EM El-Deek, Ahmed Y Nsar, Nagwa Abo El-Maali, , Faten F AbdelHafez, Ahmed F Amin. Prenatal Pesticide Exposure: Meconium as a Biomarker and Impact on Fetal Weight. *Journal of Analytical and Environmental Toxicology*. 2014, 5:269, doi: [10.4172/2161-0525.1000269](http://dx.doi.org/10.4172/2161-0525.1000269)
9. [El-Nashar SA](http://www.ncbi.nlm.nih.gov/pubmed?term=El-Nashar%20SA%5BAuthor%5D&cauthor=true&cauthor_uid=23258131), [Paraiso MF](http://www.ncbi.nlm.nih.gov/pubmed?term=Paraiso%20MF%5BAuthor%5D&cauthor=true&cauthor_uid=23258131), [Rodewald K](http://www.ncbi.nlm.nih.gov/pubmed?term=Rodewald%20K%5BAuthor%5D&cauthor=true&cauthor_uid=23258131), [Muir T](http://www.ncbi.nlm.nih.gov/pubmed?term=Muir%20T%5BAuthor%5D&cauthor=true&cauthor_uid=23258131), [**Abdelhafez F**](http://www.ncbi.nlm.nih.gov/pubmed?term=Abdelhafez%20F%5BAuthor%5D&cauthor=true&cauthor_uid=23258131), [Lazebnik N](http://www.ncbi.nlm.nih.gov/pubmed?term=Lazebnik%20N%5BAuthor%5D&cauthor=true&cauthor_uid=23258131), [Bedaiwy MA](http://www.ncbi.nlm.nih.gov/pubmed?term=Bedaiwy%20MA%5BAuthor%5D&cauthor=true&cauthor_uid=23258131). Laparoscopic cervicoisthmic cerclage: technique and systematic review of the literature. [*Gynecol Obstet Invest.*](http://www.ncbi.nlm.nih.gov/pubmed/23258131) 2013;75(1):1-8. doi: 10.1159/000343036. Epub 2012 Dec 13
10. [Desai N](http://www.ncbi.nlm.nih.gov/pubmed?term=Desai%20N%5BAuthor%5D&cauthor=true&cauthor_uid=22513305), [**Abdelhafez F**](http://www.ncbi.nlm.nih.gov/pubmed?term=Abdelhafez%20F%5BAuthor%5D&cauthor=true&cauthor_uid=22513305), [Calabro A](http://www.ncbi.nlm.nih.gov/pubmed?term=Calabro%20A%5BAuthor%5D&cauthor=true&cauthor_uid=22513305), [Falcone T](http://www.ncbi.nlm.nih.gov/pubmed?term=Falcone%20T%5BAuthor%5D&cauthor=true&cauthor_uid=22513305). Three dimensional culture of fresh and vitrified mouse pre-antral follicles in a hyaluronan-based hydrogel: a preliminary investigation of a novel biomaterial for in vitro follicle maturation.[*Reprod Biol Endocrinol*.](http://www.ncbi.nlm.nih.gov/pubmed/22513305) 2012 Jun 13;10(1):29. doi: 10.1186/1477-7827-10-29.
11. **AbdelHafez F**, Xu J, Goldberg J, Desai N. Vitrification in open and closed carriers at different cell stages: assessment of embryo survival, development, DNA integrity and stability during vapor phase storage for transport*. BMC Biotechnol*. 2011 Mar 30; 11:29. doi: 10.1186/1472-6750-11-29.
12. Berger DS, **Abdelhafez F**, Russell H, Goldfarb J, Desai N. Severe teratozoospermia and its influence on pronuclear morphology, embryonic cleavage and compaction. *Reprod Biol Endocrinol.* 2011 Mar 22; 9:37.
13. Nina Desai, Jing Xu, Tamara Tsulaia , Julia Szeptycki-Lawson, **Faten AbdelHafez,** James Goldfarb, and Tommaso Falcone.Vitrification of Mouse Embryo-Derived ICM Cells: A Tool for Preserving Embryonic Stem Cell Potential? *J Assist Reprod Genet*. 2011 Feb;28(2):93-9.
14. Nina Desai, Anastasia Alex, **Faten AbdelHafez**, Anthony Calabro, James Goldfarb, Aaron Fleischman and Tommaso Falcone. Three-dimensional in vitro follicle growth: overview of culture models, biomaterials, design parameters and future directions, *Reproductive Biology and Endocrinology,* 2010 Oct 14;8:119.
15. Desai N, **Abdelhafez F,** Ali MY, Sayed EH, Abu-Alhassan AM, Falcone T, Goldfarb J. Mouse ovarian follicle cryopreservation using vitrification or slow programmed cooling: Assessment of in vitro development, maturation, ultra-structure and meiotic spindle organization. J Obstet Gynaecol Res. 2011 Jan;37(1):1-12.
16. Desai N, **AbdelHafez F**, Drazba J, Goldfarb J, Falcone T. A simple and efficient method for preparation of isolated ovarian follicles for transmission electron microscopy*. J Assist Reprod Genet* 2010; 27:97-101.
17. Desai N, **Abdelhafez F**, Bedaiwy MA, Goldberg J, Falcone T, Goldfarb J. Clinical pregnancy and live births after transfer of embryos vitrified on day 3. *Reprod Biomed Online* 2010; 20:808-813.
18. **Faten F AbdelHafez**, Nina Desai, Ahmed M. Abou-Setta, Tommaso Falcone, James Goldfarb. Comparison of slow programmed freezing, vitrification and ultra-rapid freezing for the cryopreservation of human embryos: a systematic review and meta-analysis. *Reproductive Biomedicine online* 2010 Feb 20(2).
19. Desai N, **Abdelhafez F**, Sabanegh E, Goldfarb J. Paternal effect on genomic activation, clinical pregnancy and live birth rate after ICSI with cryopreserved epididymal versus testicular spermatozoa. *Journal of Reproductive Biology and Endocrinology* 2009 Dec 3; 7:142.
20. **Faten AbdelHafez**, Nina Desai, Mansour Y. Ali, Ezzat H. Sayed, Ahmed M. Abu-Alhassan, Mohamed M Bedaiwy.Oocyte Cryopreservation: A Technical and Clinical Update. *Expert Review of Obstetrics & Gynecology* 4(4), 443-453(2009).
21. Desai N., Austin C., **AbdelHafez F**, Goldfarb J., Falcone T. Evidence of ¨genuine empty follicles¨ in follicular aspirate: A case report. *Hum Reprod.* 2009 May;24(5):1171-5.
22. **Abdelhafez F**, Bedaiwy M, El-Nashar SA, Sabanegh E, Desai N. Techniques for cryopreservation of individual or small numbers of human spermatozoa: a systematic review. *Hum Reprod Update*. 2009 Mar-Apr;15(2):153-64.
23. Nina Desai, Julia Szeptycki, Melanie Scott**, Faten F. AbdelHafez**, James Goldfarb Artificial Collapse of Blastocysts Before Vitrification: Mechanical vs. Laser Technique and Effect on Survival, Cell Number, and Cell Death in Early and Expanded Blastocysts. *Biopreservation and Biobanking.* November 2008, 6(3): 181-190.
24. Desai N, **AbdelHafez F**, Bedaiwy MA, Goldfarb J. Live births in poor prognosis IVF patients using a novel non-contact human endometrial co-culture system. *Reprod Biomed Online*. 2008 Jun;16(6):869-74.
25. Nina Desai, Namita Kattal, **Faten F. AbdelHafez,** Julia Szeptycki-Lawson and James Goldfarb. Graulocyte-macrophage colony stimulating factor (GM-CSF) and co-culture can affect post-thaw development and apoptosis in cryopreserved embryos. *Journal of Assisted Reproduction and Genetics*. 2007 Jun;24(6):215-22.

**BOOK CHAPTERS:**

* **AbdelHafez F**, Bedaiwy M, Desai N. *Fertility Preservation*; *Advances and Controversies: Oocyte Cryopreservation*, 1st Edition, Jaypee Brothers Medical Publishers, 2014
* **AbdelHafez F**, Pope R, Bedaiwy M, Desai N. *Fertility Preservation; Advances and Controversies: Cryopreservation of Spermatozoa, Individual Sperm and Testicular tissue*, 1st Edition, Jaypee Brothers Medical Publishers, 2014

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**PUBLISHED / PRESENTED ABSTRACTS:**

1. **F. AbdelHafez**, A. McPeak, M.H. Hassan, T.H. Saleem, Assessment of anti-mullerian hormone (AMH) levels in prepubertal children: a correlation with sex maturity rating, *Fertility and Sterility 2017,* Volume 108, Issue 3, Supplement, Page e21
2. Mahmoud S. Iews, **Faten F.Abdelhafez**, Ahmed H.Abdellah, Amr O.Abdelkareem, Bo peng, Mohamed A.Bedaiwy ,Oxygen tension influences mouse embryos development when varies in concentration, *Fertility and Sterility* 2017, Vol. 108, Issue 3, e163
3. Mahmoud s. Iews, M Elgendi, Amr O.Abdelkarem, , **Faten F.Abdelhafez**, Ahmed Hashem, Dina Bloomenthal, Christina Williams, Mohamed A. Bedaiwy. Nonvisualized Pregnancy losses: diagnostic factors and reproductive outcome in a Cohort of 1064 patient with recurrent pregnancy loss, *Fertility and Sterility* 2017, Vol. 108, Issue 3, e104
4. Mahmoud S. Iews, Amr O.Abdelkareem, Marzia Meshki, Mohamed Elgendi , **Faten F.AdbdelHafez**, Ahmed H. Abdellah , Dena Bloomenthal, Christina Williams, Mohamed A.Bedaiwy, Prevalence and Causes of Non-visualized Pregnancy losses in A Tertiary Care Centre. Presented at the 63rd Annual Meeting of the *Canadian Fertility and Andrology Society* (CFAS), Vancouver, BC, Canada
5. M.A. Bedaiwy, M.Y. Abdelrahman, S. Lisonkova, D. Henry, **F.Abdelhafez**, W. Hurd, [Clinical, hormonal, and metabolic parameters in women with subclinical hypothyroidism and polycystic ovary syndrome](http://www.fertstert.org/article/S0015-0282%2814%2901854-8/fulltext), *Fertility and Sterility* 2014, Vol. 102, Issue 3, e269
6. Desai N, **AbdelHafez F**, Austin C, Goldfarb J and Falcone T. Update on clinical outcomes and live births with human embryo vitrification at the 6-8 cell stage: embryonic activation after warming and impact on clinical pregnancy, and implantation. *Fertility and Sterilty,* 2010, Vol. 94, issue 4, pp. S119

## Desai, N.; **AbdelHafez, F**.; Goldberg, E.; Chase, R.; Karode, M. Evaluation of sperm DNA fragmentation using the Halo sperm kit. *Fertility and Sterilty*, Vol. 92, issue 3 September 2009. pp. S139

## Desai, N.; **AbdelHafez, F**.; Falcone, T.; Goldfarb, J. Cumulative pregnancy rate after transfer of fresh and frozen embryos from a single oocyte retrieval *Fertility and Sterilty*, 2009, Vol. 92, issue 3. pp. S156-S157

## **AbdelHafez, F.;** Bedaiwy, M.A.; Desai, N; Falcone, T.; Goldfarb, J. Assessment of follicular fluid levels of anti-mullerian hormone in patients undergoing IVF/ICSI. *Fertility and Sterilty,* 2009, Vol. 92, issue 3. pp. S177.

## Desai, N.; Xu, J.; **AbdelHafez, F**. Vitrification carriers and DNA damage: open versus closed systems for cryopreservation of cleavage and blastocyst stage embryos. *Fertility and Sterilty* , Vol. 92, issue 3 September, 2009. pp. S186.

## Desai, N.; **AbdelHafez, F**.; Falcone, T.; Goldfarb, J. Pregnancy and live births after transfer of embryos vitrified on day 3 at the 8 cell stage-a three year experience. *Fertility and Sterilty*, 2009, Vol. 92, issue 3. pp. S188.

## Desai, N.; **AbdelHafez, F**.; Falcone, T.; Goldfarb, J. Do patients with no embryos to freeze have lower pregnancy potential? *Fertility and Sterilty*, 2009, Vol. 92, issue 3. pp. S194.

## Desai, N.; **AbdelHafez, F**.; Szeptycki, J.; Scott, M.; Goldfarb, J Is there a difference in meiotic spindle position and birefringence in older patients? *Fertility and Sterilty*, 2009, Vol. 92, issue 3. pp. S223.

## Desai, N.; **AbdelHafez, F**.; Falcone, T.; Goldfarb, J. Sequential analysis of zygotes from syngamy to first cleavage can be used to identify cases most likely to have a good prognosis with day 5 transfer. *Fertility and Sterilty*, 2009, Vol. 92, issue 3. pp. S225.

## Desai, N.; **Abdel-Hafez, F**., Noninvasive spindle imaging of cryopreserved and in vitro matured pre-antral follicles: comparison of vitrification and slow freeze methodology. *Fertility and Sterility*, 2008, Vol. 90, pp. S331.

1. Desai, N.; **Abdel-Hafez, F**.; Goldfarb, J.; Sabanegh, E., Paternal effect on embryonic development in ICSI cycles: sperm type and impact on subsequent embryonic progression and stage of developmental arrest. *Fertility and Sterility* 2008, Vol. 90, pp. S341.
2. Desai, N.; **Abdel-Hafez, F**.; Falcone, T.; Goldfarb, J., Embryo utilization: study of the development and disposition of 5547 human embryos. *Fertility and Sterility*, 2008, Vol. 90, pp. S348.
3. Desai, N.; **Abdel-Hafez, F**; Falcone, T.; Austin, C., Evidence of “genuine empty follicles”? A case report. *Fertility and Sterility*, 2008, Vol. 90, pp. S361.
4. Desai, N.; **Abdel-Hafez, F**.; Scott, M.; James, G., Assessment of the rate of embryonic development in sequential media systems: comparison of three commercially available blastocyst media. *Fertility and Sterility*, 2007, Vol. 88, pp. S323-S324.
5. Desai, N.; Julia, S.; **Abdel-Hafez, F**.; Goldfarb, J., Comparison of two different cryoprotectant formulations for oocyte vitrification. *Fertility and Sterility* 2007, Vol. 88, , p. S338.
6. Desai, N.; Szeptycki, J.; **Abdel-Hafez, F**.; Goldfarb, J., Vitrification of isolated pre-antral follicles from the mouse ovary: comparison of vitrification protocols. Fertility and Sterility, 2007, Vol. 88, p. S339.
7. Bedaiwy, M.A.; El-Nashar, S.A.; Desai, N.; **Hafez, F.F. Abdel**; Abdelkader, A.M.; Falcone, T. The use of gonadotropin-releasing hormone analog in preservation of ovarian function in women undergoing chemotherapy: a systematic review and meta-analysis. *Fertility and Sterility*, 2007, Vol. 88, pp. S341.
8. **Abdel-Hafez, F**.; Desai, N.; Goldfarb, J., Vitrification of isolated ovarian follicles from the mouse ovary: does temperature of cryoprotectant exposure really matter? *Fertility and Sterility*, 2007, Vol. 88, pp. S350-S351N.
9. Desai N, **F. F. AbdelHafez**, J. Goldfarb: Sequential Assessment of Embryonic Morphology in Day 5 Transfer Cycles and Relationship to Pregnancy Outcome. Fertility and Sterility, 2006, Vol. 86, Issue 3, S171

**CONFERENCES** :

Sept. 14th-16th, 2017  63rd Annual Meeting of the Canadian Fertility and Andrology Society (CFAS), Vancouver, BC, Canada

June 14th, 2017 The 14th PCRM Fertility and Reproductive Medicine Symposium, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

May 17th-20th 2017 XIII World Congress of Endometriosis, Vancouver, BC, Canada

Oct 4th-9th 2015 FIGO World Congress, , Vancouver, BC, Canada

Sept 12th-14th 2012 The 7th Annual Conference of Obstetrics and Gynecology Department, Assiut University, Hurghada, Egypt

Feb 2011 The 16th Annual Meeting of the Egyptian Fertility and Sterility Society, Cairo Egypt

October17-21, 2009 The 65th Annual Meeting of the American Society for Reproductive Medicine, Atlanta, GA, USA.

October16-20, 2006 The 62nd Annual Meeting of the American Society for Reproductive Medicine, New Orleans, LA, USA

October15-20, 2005: The 61st Annual Meeting of the American Society for Reproductive Medicine Montreal, Quebec, Canada.

November 1-2, 2002: The 8th Annual Meeting of the Middle East Fertility

Society, Cairo, Egypt

March 9, 1998: The 3rd Scientific Conference held by the Assiut

Student Scientific Association (ASSA), Faculty of Medicine, Assiut University, Assiut, Egypt.

**COURSES, WORKSHOPS :**

April 18th, 2018 Thesis Formatting; Tips and tricks, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

April 13th, 2018 Westcoast fertility nurse’s education day, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

April 10th, 2018 Resume writing, networking and interview tips, Vancouver General Hospital, Vancouver, BC, Canada

March 26th, 2018 Introduction to citation management using Endnote, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

March 20th, 2018 Visual thinking matters, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

March 1st ,2018 Conflict Resolution: Managing Tough People and Even Tougher Situations, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

June 28th, 2017 Finding an Academic position workshop, Vancouver General Hospital, Vancouver, BC, Canada,

June 27th, 2017 Live well to learn well workshop, BCCHRI, BC Children`s Hospital, Vancouver, BC, Canada

June 20th, 2017 Skills of communication, UBC, Vancouver, BC, Canada

 May26th 2017 The 1st Graduate student Research day at UBC, Vancouver, BC, Canada

April 25th, 2017 Getting on track with your thesis workshop, UBC, Vancouver, BC, Canada

Jan 24th, 2017 Responsible conduct of research, CFRI, BC Children`s Hospital, Vancouver, BC, Canada

Nov 16th, 2016 CFAS Epigenetic workshop, BCCHRI, BC Children’s Hospital, Vancouver, BC, Canada

Sep 21st, 2016 REI course at UBC Vancouver, BC, Canada

Sept 19th, 2016 Pregnancy Complications and Placental responses workshop, UBC, Vancouver, BC, Canada

Sept 14th, 2016 Chemical Safety Course at UBC, Vancouver, BC, Canada

Sep 14th, 2016 Biological Safety training course at UBC, Vancouver, BC, Canada

Sept 6th, 2016 Physiology of the fetus mother and placenta at UBC, Vancouver, BC, Canada

July 20th 2016 -[Provincial Health Services Authority](https://www.google.ca/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwiHvNjbuZzPAhUCWj4KHXvMDCMQFggeMAA&url=http%3A%2F%2Fwww.phsa.ca%2F&usg=AFQjCNFFBnhMdYdkmvc-srne8HctCOA-rg) (PHSA) Privacy & Confidentiality  online course at UBC, Vancouver, BC, Canada

 -PHSA Fire Safety online course at UBC, Vancouver, BC, Canada

 -PHSA Respectful Workplace online course at UBC, Vancouver, BC, Canada

May 10th, 2014 Online CITI Biomedical online course, stage 1at UBC, Vancouver, BC, Canada

April 16th, 2014 Online PHSA UBC training online course at UBC, Vancouver, BC, Canada

April 5th ,2014 Tri-Council policy statement: Ethical Conduct for Research involving Humans; online course on research ethics: (TCPS 2: CORE) at UBC, Vancouver, BC, Canada

March 6th ,2013 “Evidence Based Guidelines and Protocols in women health: a national initiative”, a one-day symposium, Women’s Health Hospital, Assiut University, Egypt

March 31st-April 5th, 2012 Workshop on Emergencies in Gynecology and Obstetrics, Women’s Health Hospital, Assiut University, Egypt

March 13th-14th 2012 Workshop on Colposcopy and Office Hysteroscopy, Women’s Health Hospital, Assiut University, Egypt

Dec 3rd-6th 2011 Course of Operative Laparoscopy at the Women’s Health Hospital, Assiut University, Assiut, Egypt

October 18, 2009 The 42nd Post Graduate course of the American

 Society for Reproductive Medicine, Atlanta, GA, USA

 Cryopreservation as a tool to optimize ART outcomes.

September 5-6, 2008 The International Reproductive Medicine Symposium,

 Cleveland Clinic Foundation, Cleveland OH, USA.

January 2007: How to Write a Biomedical Research Article, Office of Medical Editing, The Cleveland Clinic Foundation, Cleveland, OH, USA

.

October14, 2006: The 39th Post Graduate course of the American

Society for Reproductive Medicine, New Orleans, LA, USA: Fertility Preservation: Present and Future.

October15, 2006: The 39th Post Graduate course of the American Society for Reproductive Medicine, New Orleans, LA,

US Stem Cells in Reproductive Medicine: The Circle of Life.

.

Oct 29, 2002: Update in ARTs, Department of Obstetrics and Gynecology, Faculty of Medicine, Assiut University, Assiut, Egypt

**TEACHING EXPERIENCE:**

**THESIS SUPERVISION:**

Co-Supervisor of Doctorate thesis for Mahmoud Iews (In Progress), Qena School of Medicine

Student Degree Start Date: 2015/7

Thesis title:

**PEER REVIEWER:**

**LABORATORY EXPERIENCES/INSTRUMENTATION:**

* Checking PH (Fyrite) and temperature of the incubators
* Culture Media preparation
* Assessment of ovarian tissue viability using live dead stain Calcein-AM & Ethidium homodimer
* Enzymatic and mechanical isolation of human ovarian follicles
* Human semen analysis
* Preparation of ejaculated sperm for ART:
   - Sperm wash
   - Double density gradient technique
   - Swim-up protocol
* Human Sperm Cryopreservation( slow freezing and vitrification)
* Lab animal handling (mice)
* Male and Female mice dissection and removal of epididyimis, oviducts and ovaries
* Retrieval of mouse oocytes from oviducts
* Retrieval of mouse spermatozoa
* In vitro insemination of mouse oocytes
* Mouse embryo culture and evaluation
* Using CaspaTag to detect embryonic apoptosis
* Isolation of mice ovarian follicles
* In vitro culture (IVC) of isolated mice ovarian follicles using 2 D versus 3D culture systems
* In vitro maturation (IVM) of isolated mice ovarian follicles
* Cryopreservation (slow freezing and vitrification ) of isolated ovarian follicles
* Vitrification if isolated ovarian follicles using different carrier systems
* IVC and IVM of thawed /warmed isolated ovarian follicles
* Using viability staining with ovarian follicles
* Preparing isolated ovarian follicles for transmitted electron microscopy (TEM)
* Meiotic spindle staining
* Light microscopy
* Inverted Microscopy
* Fluorescent microscopy
* Fixing and staining DNA with Heoch stain
* Heamocytometer
* Using CaspaTag to detect embryonic apoptosis
* Oocyte spindle View system
* Working with cell lines
* Culture of primary extravillous trophoblast
* ELISA
* RT-qPCR
* Western Blot
* Cell migration and Invasion assay
* mTT viability assay

**VOLUNTEER EXPERIENCES**

Oct16th 2017-Dec 21st 2017 Volunteering for 3 hrs/week at the at the family resource library of the the BC Children’s Hospital, Vancouver, BC, Canada. Checking out, checking in, and performing loan services of books

Oct 23rd 2017 Helping in the organization of Gairdner high school symposium held at the BC Children’s Hospital research institute, UBC, Vancouver, BC, Canada by leading and guiding students to different labs.

July 12th 2017 I organized and supervised a 30 min hands on research workshop for SHAD high students who visited Dr Peter Leung Lab at, BC Childrens Hospital research institute, UBC, Vancouver, BC, Canada

May26th 2017 The 1st Graduate student Research day at UBC

May 17th-20th 2017 XIII World Congress of Endometriosis, Vancouver, BC, Canada

March 1998 Coordinator of the third Scientific Conference held by the Assiut Student Scientific Association (ASSA), Assiut school of Medicine, Assiut University, Assiut, Egypt

1994-2000 Egyptian Medical Student Association.

 **AWARDS AND HONORS:**

 December 2011. **Merck Serono Innovation Award:** for the 2nd best research in infertility for the year 2011

September 2001:  **Professor A. H. Kamel Award**: for graduating the first of the thirty fifth class of Assiut School of Medicine, Assiut University, Assiut, Egypt. September, 2001.

September 2001: **Professor Z. Noaman Award**: for graduating the best grades in Internal Medicine of the thirty fifth class of Assiut School of Medicine, Assiut University, Assiut, Egypt. September, 2001.

March 2001.  **Egyptian Medical Syndicate Award**

## February 2000: **Egyptian Medical Student Union Award**

January 2000: **October 6 University Award**.

March 1998: **Assiut Student Scientific Association Award.**

December 1996: **The Egyptian Society of Histology Award.**

1994-2000:  **Dean’s honor List** for six years in a raw, Assiut School of Medicine.