

# Ariel Revel

P R O F E S S O R

WWW.ARIELREVEL.COM

Mob: +972(0)50-7874399

Email: arielrevel2@gmail.com

## PROFILE

### DPOB

26/04/1961

49 Strasbourg, France

### Status

Four Children,

Four Grandchildren

### Military Service

07/1979 - 10/1982

MD (major) in paratroopers  
till end of 2008

**ASSOCIATE PROFESSOR (HEBREW Univ. and TEL-AVIV Univ.)**

**FACULTY/DEPT: MEDICINE, OBSTETRICS AND GYNECOLOGY**

**HOSPITAL/DEPT: ASUTA medical center**

## EDUCATION

**MD from Hebrew Univ., Jerusalem, Israel 1982-1988**

**Israeli Medical license 1982**

### MD thesis title:

Dot-elisa, a potential immunoassay for the detection of plasmodium falciparum antibodies (Supervised by: M Londner and D Spira).

<b>Internship:</b>	1989	Hadassah university hospitals	
<b>Residency:</b>	1990-1996	Obs&Gyn, Hadassah mt. Scopus	
<b>Fellowship:</b>	1998-2000	Clinical and research fellowship. Reproductive biology medicine & surgery, university of Toronto, Canada (prof. Robert Casper)	
<b>Certification:</b>	1979	ECFMG	
	1993	Flex part 1 and 2	
	1994-1995	Israeli board of Ob&Gyn	
	1997	Hysteroscopy diploma, hôpital antoine-béclère (ap-hp), Paris university	
	2000	University of Toronto, ON Canada	
	2007	General medical council, UK	
<b>Licensure:</b>	1989	MD	Israel
	1997	Ob&Gyn board certified	Israel
	2007	Ob&Gyn board certified	UK (GMC)

 **ACADEMIC EXPERIENCE**

<b>Appointments at the Hebrew Univ.:</b>	1992	Instructor, Ob&Gyn
	04/2002	Lecturer, Ob&Gyn
	03/2006	Senior lecturer, Ob&Gyn
	10/2011	Associate professor, Ob&Gyn
<b>Teaching and mentoring at the Hebrew Univ.:</b>	2002-2004	Supervisor, 5 <sup>th</sup> year md students
	2005	Initiator, osce exams for 5 <sup>th</sup> year md students
	2000-2016	Mentoring of phd students (Moria Koler and Hanna Achache)
<b>Functions at the Hebrew Univ.:</b>	2003-2006	Endocrinology circle, medical school
	2004	Member, Hadassah molecular center
	2003-2008	Endocrinology of reproduction course
	2004	Hadassah molecular medical center
	2005-2007	Hadassah research committee
	2015-2006	Syllabus committee, medical school
<b>Functions at the Tel-Aviv Univ.:</b>	2005-2008	Tel Aviv university. Course in IVF and hysteroscopy
	2010-2015	Medical student course in ethics, film and discussion
	2017	Chair, session on endometriosis. In Ob&Gyn postgraduate course
	2017	Lecture neurophysiology and role of kisspetin, in Ob&Gyn postgraduate course
	2018	Fertility preservation lecture, in Ob&Gyn postgraduate course
<b>Appointments at the Tel Aviv Univ.:</b>	2001	Associate professor Ob&Gyn

### ACADEMIC EXPERIENCE

<b>Service in other academic and research institutions:</b>	2001	Member, american society for reproductive medicine (asrm)
	2003	Member, european society of human reproduction and embryology (ESHRE)
	2003	Treasurer, elected to Israeli fertility society
	2003	Honorary membership, reproductive association of Mexico
	2008	Visiting scholar, john Radcliffe hospital, oxford university, uk
	2015-2006	Visiting professor, Ob&Gyn department, Stanford, ca, USA
	2017	Lectures at the Ob&Gyn postgraduate course at the Tel Aviv Univ.

### PROFESSIONAL EXPERIENCE

Years	Affiliation	Topic
<b>1998-2000</b>	Stri, University Of Toronto	Research fellow
	Mt Sinai, Toronto	IVF fellow
	Toronto General Hospital, Toronto	Gyn lap assistant
	Women's College Hospital, Toronto	Gyn lap assistant
	Toronto Western Hospital, Toronto	Gyn lap assistant
<b>2002</b>	St. Joseph's health center, Toronto	Gyn lap assistant
<b>2000-2017</b>	Hadassah medical center	IVF specialist
	Hadassah medical center	Head, fertility preservation program
	Hadassah medical center	Laparoscopic and hysteroscopic surgeon
<b>2017-2019</b>	Assaf Harofeh medical center	Head, reproductive medicine and IVF unit
<b>2020-present</b>	Kadimastem, cells to cure dis	Director of medical affairs



**ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS**

Year	Country	Subject	Role
1998	Sweden, Gothenburg, ESHRE	Mouse ovary transplantation	Speaker
1999	USA, Chicago SGI	Ovarian cryopreservation	Speaker
	Italy, bologna	Human ovarian cortex cryopreservation and banking	Speaker
2000	Canada, St. john's, cfs	Fertility preservation	Speaker
	Canada, ASRM	Resveratrol in reproduction, fertility preservation	Speaker
2001	USA, AAGL	Hysteroscopic surgery for the management of intrauterine lesions in premenopausal and postmenopausal women	Speaker
	USA, AAGL	Detection of intramural pregnancy by FDG pet and MRI	Speaker
2003	NI, ESHRE	Oocyte collection during ovarian cortex cryopreservation	Speaker
2004	India	Fertility preservation	Speaker
2005	Italy, Teramo	Sheep ovary transplantation	Speaker
2006	UK, Oxford	Multiple IVF embryos: to freeze or to transfer?	Speaker
	Prague, ESHRE	E-cadherin in IVF failure	Speaker
2007	India	Fertility preservation in breast cancer	Speaker
	UK, oxford	Disrupted endometrial receptivity	Speaker
2008	USA, SGI	Fertility preservation	Speaker
	Bulgaria, varna gyn congress	Advanced reproductive techniques	Speaker
2009	USA, SGI	Disrupted gene pattern in repeated IVF failure	Speaker
	Mexico, W.A.R.M Guadalajara	Implantation failure, fertil preserv	Speaker
	France, Paris	Myomas and IVF	Speaker
	Moscow, W.A.R.M	Oocyte donation	Speaker
	Italy, ESGE, Florence	Ovarian transplantation	Speaker
2010	ROME, ESHRE	Snail and slug control endometrial cell adhesiveness through estrogen receptor a (era)	Speaker
	Italy, ROME, ESHRE	Endometrial biology in endometriosis and implantation	Speaker
	Italy, ROME, ESHRE	Utility and predictability of frozen-thawed sperm testing for od	Speaker



**ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS**

Year	Country	Subject	Role
<b>2010</b>	Uk, Oxford	Qm in IVF	Speaker
	USA, SGI	Wnt-signaling pathway in implantation	Speaker
	Italy, ESHRE	Posterscross-border reproductive care	Speaker
	UK, London	Menorrhagia in adolescents: the tip of the iceberg	Speaker
	Italy, ESHRE	Screening for coagulation abnormalities prior to ova extraction	Speaker
<b>2011</b>	Japan, Tokyo IVF meeting	Ovarian transplantation	Speaker
	USA, sgi	MicroRNA associated with human embryo implantation defects	Speaker
	China	Advanced reproductive techniques	Speaker
<b>2012</b>	Swiss, ebmt geneve	Fertility preservation	Speaker
<b>2013</b>	Israel, sgi satellite meeting	Fertility preservation	Member of steering committee and speaker
	USA, AAGL	Fertility preservation	Speaker
	USA, AAGL	IVF hydrosalpinx and essure	Speaker
	India	Micro-organ ovarian transplantation-SILS and robotic surgery	Speaker
<b>2014</b>	India, fertivision, Delhi	Ovarian transplantation	Speaker
	UK, ebmt London	Fertility preservation	Speaker
	UK, Oxford	Fertility preservation	Speaker
<b>2016</b>	USA, Stanford, ca	Ovarian transplantation, endometrial biology of implantation	Speaker
<b>2017</b>	USA stanford	Fertility preservation	Invited speaker
	USA Stanford	Robotization of fertility treatments	Invited speaker
	USA, Texas, ASRM,	Ovarian transplantation	Poster speaker

 ORGANIZATION OF ISRAELI CONFERENCES

Year	Subject
2004	Endometriosis (Israeli fertility society)
2005	Annual meeting (Israeli fertility society)
	Advanced laparoscopic techniques for endometriosis treatment (Israeli gyn endoscopy association)
2006	Annual meeting Israeli fertility society (Israeli fertility society)
	Uterine pathology (Israeli fertility society)
	Oocyte donation (Israeli fertility society)
2007	Viral infect & IVF (Israeli fertility society)
	Annual meeting (Israeli fertility society)
	Endometriosis based infertility IVF (Israeli gyn endoscopy association)
2008	IVF quality management (Israeli fertility society)
	Endometriosis (national)
2009-2012	Cancer and fertility (national)
	Organizer & head, hysteroscopy diploma Israeli gyn endoscopic association
2010	Organizer & head, Israeli obgyn association annual meeting. Obgyn risk management. Ramat gan.
2011	Hadassah Ob&Gyn clinical conference. Fertility limits. JerUSAlem
	Cancer and fertility (national)
2008-2016	Jerusalem branch meeting, Ob&Gyn qrt meetings
2013	Sgi satellite meeting, may, jerusalem, scientific board
2014	Organizer & head, isr ob& gyn assoc. Annual meeting. Ramat gan
2015	Cancer and fertility (hmo)

 MEMBERSHIP IN PROFESSIONAL SOCIETIES

Years	Name of Organization	Status / Position
1995-2017	Israeli fertility association	Member
2004-2007	Israeli fertility association	Treasurer
2009-2011	Israeli society of Ob&Gyn	Director, position papers committee
2009-2017	Israeli society of Ob&Gyn	Head of Jerusalem branch
1997-2018	Israeli society of gyn endoscopy	Member
1997-2018	ESHRE	Member
2001-2005	ESHRE endometriosis sig	Member
1998-2018	Asrm	Member

 DOCTORAL STUDENTS MENTORED BY CANDIDATE

Years	Student	Subject	AI	Degree	In Collab With
2004-10	Moria Koler	Oocyte cryopreservation, fertility preservation, endometrial receptivity	Hebrew university Hadassah medical school	Phd.	Reuven Reich
2008-2012	Hanna Achache	Oocyte cryopreservation, fertility preservation, endometrial receptivity	Hebrew university Hadassah medical school	Phd.	Reuven Reich
2007-8	Itai Ophir	Embryo implantation	Hebrew university Hadassah medical school	Md.	Reuven Reich
2011	Julliette Stevens	Embryo implantation	Hebrew university Hadassah medical school	Md.	Reuven Reich
2017	Racheli Fraenkel	Use of a multimedia module to aid the informed consent process in women who choose to conceive from egg donation	Hebrew university Hadassah medical school	Md.	Dr. Henri Tchill
2004-5	Roni Helman	Oocyte cryopreservation, fertility preservation	Hebrew university Hadassah medical school	E. M.a./ M.sc	Israel Vlodaysky

### GRANTS

Years	Investigator	Granted By	Total Amount (NIS)
1995	Ariel Revel	Ministry of health chief scientist	30,000
1997	Ariel Revel	Gif	150,000
2001	Ariel Revel	Israeli academy of sciences	900,000
2001	Ariel Revel	Joint Hebrew Univ and Hadassah	50,000
2002	Ariel Revel	Joint Hebrew Univ and Hadassah	50,000
2005	Ariel Revel	Medical school prize	20,000
2006	Ariel Revel	Israeli academy of sciences (2)	180,000
2006	Ariel Revel	Israeli academy of sciences (2)	173,700
2006	Ariel Revel	Joint Hebrew Univ and Hadassah	9,000
2008	Ariel Revel	Chief scientist ministry of health	50,000
2010	Ariel Revel	Joint Hebrew Univ and Hadassah	45,000
2010	Ariel Revel	Hadassah women's health	80,000
2015	Ariel Revel	Feldman foundation	160,000
2016	Daniel Cohen, Allan Bloom, Ariel revel	Kamin, ministry of industry (1)	220,000
2017	Daniel Cohen, Allan Bloom, Ariel revel	Kamin, ministry of industry (2)	220,000



### AWARDS

**Kornfeld Prize, Hebrew Univ.**  
1989

**Hadassah Young Researcher Award**  
1995

**Best Scientific Paper (SRS) ASRM**  
2001

**Best Basic Scientific Paper (IFS)**  
2002

**Honorary prize, Reprod Soc, Mexico**  
2004

**Hadassah Research Excellence Prize**  
2005

**Honorary Prize, India Fertility Society**  
2009

**Sgi Best Paper Award, Orlando, Florida. Usa**  
2010

**Audience Choice Best Short Film, Livermore, California**  
2016

**Leidesdorff Hebrew Univ. Medical School Arts Prize**  
2016

**Certified CBTI course**  
Academic Center for Continuing Medical Education, T-A Univ.  
2022

### AUTHOR

#### BOOK

##### **The Imperatives Of Future Medicine, What Would Hippocrates Command Us To Know**

Niv Books 2021

#### FILMS

##### **A Moment To Takeoff**

Alafim prod.

##### **Hidden Genes**

Alafim prod.

### SCIENTIFIC PUBLICATIONS | BOOK CHAPTERS

- **The Role of Androgens in Controlled Ovarian Stimulation.**  
Jordana Hadassah Hyman and Ariel Revel. In *Principles and Practice of Controlled Ovarian Stimulation in ART*, Springer 2015. (Chapter 15)
- **Hysteroscopy, the Window into the Uterine Cavity.**  
Shani Naor-Revel, Ruth Goldstone and Ariel Revel, in *Advances in Minimally Invasive Surgery*, in Intech books 2021.
- **Current Status of Assisted Reproductive Techniques (ART).**  
Ariel Revel In *Reprogen-ethics and the future of gender*, Springer 2009.
- **Testicular tissue cryopreservation from Cryopreservation of sperm and testicular tissue.**  
Ariel Revel and Javier Mejia. Cambridge university press, 2010.

 **SCIENTIFIC PUBLICATIONS | MANUSCRIPTS**

- **1: Izrael M., Molakandov K., Revel A., Slutsky SG, Sonnenfeld T., Weiss JM, Revel M. Astrocytes Downregulate Inflammation in Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome: Applicability to COVID-19.**  
Front Med (Lausanne). 2021 Oct 29 ;8:740071. doi: 10.3389/fmed.2021.740071. PMID: 34778302; PMCID: PMC8585990.
  
- **2: Karavani G., Rottenstreich A., Schachter-Safrai N., Cohen A., Weintraub M., Imbar T., Revel A. Chemotherapy-based gonadotoxicity risk evaluation as a predictor of reproductive outcomes in post-pubertal patients following ovarian tissue cryopreservation.**  
BMC Womens Health. 2021 May 13;21(1):201. doi: 10.1186/s12905-021-01343-z. PMID: 33985473; PMCID: PMC8120731.
  
- **3: Miron-Shatz T., Holzer H., Revel A., Weissman A., Tarashandegan D., Hurwitz A., Gal M., Ben-Chetrit A., Weintraub A., Ravhon A., Tsafrir A. 'Luckily, I don't believe in statistics': survey of women's understanding of chance of success with futile fertility treatments.**  
Reprod Biomed Online. 2021 Feb; 42(2):463-470. doi: 10.1016/j.rbmo.2020.09.026. Epub 2020 Oct 4. PMID: 33250411.
  
- **4: Karavani G., Schachter-Safrai N., Revel A., Mordechai-Daniel T., Bauman D., Imbar T. In vitro maturation rates in young premenarche patients.**  
Fertil Steril. 2019 Aug; 112(2):315-322. doi: 10.1016/j.fertnstert.2019.03.026. Epub 2019 May 2. PMID: 31056316.
  
- **5: Karavani G., Schachter-Safrai N., Chill HH., Mordechai Daniel T., Bauman D., Revel A. Single-Incision Laparoscopic Surgery for Ovarian Tissue Cryopreservation.**  
J. Minim Invasive Gynecol. 2018 Mar-Apr; 25(3):474-479. doi: 10.1016/j.jmig.2017.10.007. Epub 2017 Oct 12. PMID: 29032255.
  
- **6: Arav A., Gavish Z., Elami A., Natan Y., Revel A., Silber S, Gosden RG, Patrizio P. Corrigendum to 'Ovarian function 6 years after cryopreservation and transplantation of whole sheep ovaries' [Reproductive BioMedicine Online 34 (2010) 48-52.**  
Reprod Biomed Online. 2017 Dec;35(6):751. doi: 10.1016/j.rbmo.2017.08.021. Epub 2017 Sep 5. Erratum for: Reprod Biomed Online. 2010 Jan; 48-52:(1)207. PMID: 28923413.
  
- **7: Karavani G., Ben-Meir A., Shufaro Y., Hyman JH., Revel A. Transvaginal ultrasound to guide embryo transfer: a randomized controlled trial.**  
Fertil Steril. 2017 May; 107(5):1159-1165. doi: 10.1016/j.fertnstert.2017.01.023. Epub 2017 Mar 24. Erratum in: Fertil Steril. 2018 Jan 10; PMID: 28347493.
  
- **8: Cohen SB, Bouaziz J, Schiff E., Simon A., Nadjary M, Goldenberg M, Orvieto R, Revel A. In Vitro Fertilization Outcomes After Placement of Essure Microinserts in Patients With Hydrosalpinges Who Previously Failed In Vitro Fertilization Treatment: A Multicenter Study.**  
J Minim Invasive Gynecol. 2016 Sep-Oct; 23(6):939-43. doi: 10.1016/j.jmig.2016.05.010. Epub 2016 May 30. PMID: 27257082.
  
- **9: Kogan L, Dior U, Chill HH., Karavani G., Revel A., Shushan A., Simon A. Operative hysteroscopy for treatment of intrauterine pathologies does not interfere with later endometrial development in patients undergoing in vitro fertilization.**  
Arch Gynecol Obstet. 2016 May;293(5):1097-100. doi: 10.1007/s00404-015-3988-3. Epub 2015 Dec 16. PMID: 26676830.

 **SCIENTIFIC PUBLICATIONS | MANUSCRIPTS**

- **10: Chill HH., Dior UP, Kogan L., Revel A. MicroRNAs and Endometrial Pathophysiology.**  
Adv Exp Med Biol. 2015;887:143-55. doi: 10.1007/978-3-319-22380-3\_8. PMID: 26662990.
- **11: Simonstein F., Mashiach-Eizenberg M., Revel A., Younis JS. Assisted reproduction policies in Israel: a retrospective analysis of in vitro fertilization-embryo transfer.**  
Fertil Steril. 2014 Nov; 102(5):1301-6. doi: 10.1016/j.fertnstert.2014.07.740. Epub 2014 Aug 20. PMID: 25150392.
- **12: Dior UP, Kogan L., Chill HH., Eizenberg N., Simon A., Revel A. Emerging roles of microRNA in the embryo-endometrium cross talk.**  
Semin Reprod Med. 2014 Sep;32(5):402-9. doi: 10.1055/s-0034-1376359. Epub 2014 Jun 24. PMID: 24959822.
- **13: Elazary R., Abu-Gazala M., Revel A., Benshushan A., Rivkind AI., Mintz Y. [Single incision laparoscopic combined cholecystectomy, bilateral salpingo-oophorectomy and omentectomy].**  
Harefuah. 2014 Jan;153(1):15-6, 65. Hebrew. PMID: 24605400.
- **14: Sela HY., Goldman-Wohl DS., Haimov-Kochman R., Greenfield C., Natanson-Yaron S., Hamani Y., Revel A., Lavy Y., Singer O., Yachimovich-Cohen N., Turetsky T., Mandelboim O., Reubinoff B., Yagel S. Human trophoblast apposition is regulated by interferon  $\gamma$ -induced protein 10 (IP-10) during early implantation. Placenta.**  
2013 Mar;34(3):222-30. doi: 10.1016/j.placenta.2012.12.008. Epub 2013 Jan 8. PMID: 23306067.
- **15: Katz D., Mazeh H., Meirovitz A., Uziely B, Rottenberg Y., Allweis TM, Revel A., Peretz T. Women's post-chemotherapy parity is affected by offspring number and marital status.**  
Breast. 2013 Jun;22(3):362-6. doi: 10.1016/j.breast.2012.09.006. Epub 2012 Oct 23. PMID: 23092823.
- **16: Huser M., ZÁKOVÁ J., Crha I., Smardová L., Král Z., Revel A., Ventruba P. Kryokonzervace ovariální tkáňe u onkologických pacientek - 6 let klinických zkušeností [Ovarian tissue cryopreservation in cancer patients - 6 years of clinical experience].**  
Ceska Gynecol. 2012 Apr;77(2):118-26. Czech. PMID: 22702068.
- **17: Revel A. Defective endometrial receptivity.**  
Fertil Steril. 2012 May;97(5):1028-32. doi: 10.1016/j.fertnstert.2012.03.039. PMID: 22542142.
- **18: Michaeli J., Weintraub M., Gross E., Ginosar Y., Ravitsky V., Eizenman E., Mitrani E., Lebovich M., Laufer N., Kennedy S., Revel A. Fertility preservation in girls.**  
Obstet Gynecol Int. 2012;2012:139193. doi: 10.1155/2012/139193. Epub 2012 Feb 16. PMID: 22496695; PMCID: PMC3307018.
- **19: Revel-Vilk S., Paltiel O., Lipschuetz M., Ilan U., Hyam E., Shai E., Varon D., Revel A. Underdiagnosed menorrhagia in adolescents is associated with underdiagnosed anemia.**  
J Pediatr. 2012 Mar; 160(3):468-72. doi: 10.1016/j.jpeds.2011.08.014. Epub 2011 Sep 16. PMID: 21925680.
- **20: Revel A., Achache H., Stevens J, Smith Y, Reich R. MicroRNAs are associated with human embryo implantation defects.**  
Hum Reprod. 2011 Oct;26(10):2830-40. doi: 10.1093/humrep/der255. Epub 2011 Aug 16. PMID: 21849299.

 SCIENTIFIC PUBLICATIONS | MANUSCRIPTS

- **21: Revel A., Revel M., Laufer N., Kasher A. [New possibilities resulting from oocyte banking].**  
Harefuah. 2011 Jun; 150(6):524-7, 551. Hebrew. PMID: 21800492.
- **22: Ben-Meir A., Shveiky D., Zivi E., Feigenberg T., Revel A., Simon A., Laufer N. The value of human chorionic gonadotropin stimulation test in predicting ovarian response during in-vitro fertilization.**  
J Assist Reprod Genet. 2011 Sep; 28(10):893-9. doi: 10.1007/s10815-011-9612-y. Epub 2011 Jul 21.  
PMID: 21779785; PMCID: PMC3220435.
- **23: Revel A., Laufer N., Ben Meir A., Lebovich M., Mitrani E. Micro-organ ovarian transplantation enables pregnancy: a case report.**  
Hum Reprod. 2011 May; 26(5):1097-103. doi: 10.1093/humrep/der063. Epub 2011 Mar 18.  
PMID: 21421665.
- **24: Leader A., Lishner M., Michaeli J, Revel A. Fertility considerations and preservation in haemato-oncology patients undergoing treatment.**  
Br J. Haematol. 2011 May; 153(3):291-308. doi: 10.1111/j.1365-2141.2011.08629.x. Epub 2011 Mar 9.  
PMID: 21391973.
- **25: Revel A., Schejter-Dinur Y., Yahalomi SZ., Simon A., Zelig O., Revel-Vilk S. Is routine screening needed for coagulation abnormalities before oocyte retrieval?**  
Fertil Steril. 2011 Mar 1;95(3):1182-4. doi: 10.1016/j.fertnstert.2010.10.002.  
Epub 2010 Nov 10. PMID: 21067719.
- **26: Revel A., Revel-Vilk S. Fertility preservation in young cancer patients. J**  
Hum Reprod Sci. 2010 Jan;3(1):2-7. doi: 10.4103/0974-1208.63113. PMID: 20607000; PMCID: PMC2890901.
- **27: Gangadharan A., Revel A., Shushan A. Endometrial thermal balloon ablation in women with previous cesarean delivery: pilot study.**  
J. Minim Invasive Gynecol. 2010 May-Jun;17(3):358-60. doi: 10.1016/j.jmig.2010.02.002.  
PMID: 20417428.
- **28: Arav A., Gavish Z., Elami A., Natan Y, Revel A., Silber S, Gosden RG, Patrizio P. Ovarian function 6 years after cryopreservation and transplantation of whole sheep ovaries.**  
Reprod Biomed Online. 2010 Jan; 20(1):48-52. doi: 10.1016/j.rbmo.2009.10.019. Epub 2009 Oct 31.  
Erratum in: Reprod Biomed Online. 2017 Dec; 35(6):751. PMID: 20158987.
- **29: Tal Y., Haber G., Cohen MJ., Phillips M., Revel A., Varon D., Ben-Yehuda A. Superior vena cava syndrome and ovarian hyperstimulation syndrome.**  
Isr Med Assoc J. 2009 Aug; 11(8):503-4. PMID: 19891241.
- **30: Taran FA., Tempany CM, Regan L., Inbar Y., Revel A., Stewart EA; MRgFUS Group. Magnetic resonance-guided focused ultrasound (MRgFUS) compared with abdominal hysterectomy for treatment of uterine leiomyomas.**  
Ultrasound Obstet Gynecol. 2009 Nov;34(5):572-8. doi: 10.1002/uog.7435. PMID: 19852046.
- **31: Achache H., Tsafrir A., Prus D, Reich R, Revel A. Defective endometrial prostaglandin synthesis identified in patients with repeated implantation failure undergoing in vitro fertilization.**  
Fertil Steril. 2010 Sep;94(4):1271-1278. doi: 10.1016/j.fertnstert.2009.07.1668. Epub 2009 Oct 7.  
PMID: 19815191.

 SCIENTIFIC PUBLICATIONS | MANUSCRIPTS

- **32: Koler M, Achache H., Tsafrir A., Smith Y, Revel A., Reich R. Disrupted gene pattern in patients with repeated in vitro fertilization (IVF) failure.**  
Hum Reprod. 2009 Oct;24(10):2541-8. doi: 10.1093/humrep/dep193. Epub 2009 Jun 19. PMID: 19542175.
- **33: Ben-Meir A., Aboo-Dia M, Revel A., Eizenman E., Laufer N, Simon A. The benefit of human chorionic gonadotropin supplementation throughout the secretory phase of frozen-thawed embryo transfer cycles.**  
Fertil Steril. 2010 Feb;93(2):351-4. doi: 10.1016/j.fertnstert.2009.02.027. Epub 2009 Apr 1. PMID: 19342020.
- **34: Revel A. Multitasking human endometrium: a review of endometrial biopsy as a diagnostic tool, therapeutic applications, and a source of adult stem cells.**  
Obstet Gynecol Surv. 2009 Apr;64(4):249-57. doi: 10.1097/OGX.0b013e318195136f. PMID: 19296860.
- **35: Katz D., Paltiel O., Peretz T., Revel A., Sharon N., Maly B., Michan N., Sklair-Levy M., Allweis T. Beginning IVF treatments after age 30 increases the risk of breast cancer: results of a case-control study.**  
Breast J. 2008 Nov-Dec; 14(6):517-22. doi: 10.1111/j.1524-4741.2008.00641.x. Epub 2008 Oct 14. PMID: 19000041.
- **36: Revel A., Revel-Vilk S., Aizenman E., Porat-Katz A., Safran A., Ben-Meir A., Weintraub M., Shapira M., Achache H., Laufer N. At what age can human oocytes be obtained?**  
Fertil Steril. 2009 Aug;92(2):458-63. doi: 10.1016/j.fertnstert.2008.07.013. Epub 2008 Oct 26. PMID: 18952208.
- **37: Revel A., Ophir I., Koler M., Achache H., Prus D. Changing etiology of tubal pregnancy following IVF.**  
Hum Reprod. 2008 Jun;23(6):1372-6. doi: 10.1093/humrep/den018. Epub 2008 Apr 1. PMID: 18385125.
- **38: Revel A., Nadjary M., Shushan A. [Essure a novel method of sterilization].**  
Harefuah. 2008 Feb;147(2):107-10, 184. Hebrew. PMID: 18357664.
- **39: Revel A., Revel-Vilk S. Pediatric fertility preservation: is it time to offer testicular tissue cryopreservation?**  
Mol Cell Endocrinol. 2008 Jan 30; 282(1-2):143-9. doi: 10.1016/j.mce.2007.11.003. Epub 2007 Nov 19. PMID: 18249486.
- **40: Turetsky T., Aizenman E., Gil Y, Weinberg N., Shufaro Y, Revel A., Laufer N., Simon A., Abeliovich D., Reubinoff BE. Laser-assisted derivation of human embryonic stem cell lines from IVF embryos after preimplantation genetic diagnosis.**  
Hum Reprod. 2008 Jan;23(1):46-53. doi: 10.1093/humrep/dem351. Epub 2007 Nov 7. PMID: 17989069.
- **41: Rabinovici J, Inbar Y., Revel A., Zalel Y., Gomori JM, Itzchak Y., Schiff E., Yagel S. Clinical improvement and shrinkage of uterine fibroids after thermal ablation by magnetic resonance-guided focused ultrasound surgery.**  
Ultrasound Obstet Gynecol. 2007 Oct;30(5):771-7. doi: 10.1002/uog.4099. PMID: 17899577.

 **SCIENTIFIC PUBLICATIONS | MANUSCRIPTS**

- **42: Sills ES, Qublan HS, Blumenfeld Z., Dizaj AV., Revel A., Coskun S., Jaoude IA., Serour G., Eskandar M., Khalili MA., Demiroglu A., Trokoudes K., Ocal P., Sultan AM., Lotto BA., El-Kareh A. Regional clinical practice patterns in reproductive endocrinology: a collaborative transnational pilot survey of in vitro fertilization programs in the Middle East.**  
J Exp Clin Assist Reprod. 2007 Aug 28;4:3. doi: 10.1186/1743-1050-4-3. PMID: 17725823; PMCID: PMC2041947.
- **43: Cohen MJ., Rosenzweig TS., Revel A. Uterine abnormalities and embryo implantation: clinical opinion altered by peer debate.**  
Reprod Biomed Online. 2007 May;14(5):555-8. doi: 10.1016/s1472-6483(10)61045-0. PMID: 17509192.
- **44: Shveiky D, Rojansky N, Revel A., Benshushan A., Laufer N., Shushan A. Complications of hysteroscopic surgery: "Beyond the learning curve". J. Minim. Invasive Gynecol.** 2007 Mar-Apr; 14(2):218-22. doi: 10.1016/j.jmig.2006.07.019. PMID: 17368260.
- **45: Tsafir A., Simon A., Revel A., Reubinoff B., Lewin A., Laufer N. Retrospective analysis of 1217 IVF cycles in women aged 40 years and older.**  
Reprod Biomed Online. 2007 Mar;14(3):348-55. doi: 10.1016/s1472-6483(10)60878-4. PMID: 17359590.
- **46: Achache H., Revel A. Endometrial receptivity markers, the journey to successful embryo implantation.**  
Hum Reprod Update. 2006 Nov-Dec;12(6):731-46. doi: 10.1093/humupd/dml004. Epub 2006 Sep 18. PMID: 16982667.
- **47: Weintraub M., Gross E., Kadari A., Ravitsky V., Safran A., Laufer N., Revel A. Should ovarian cryopreservation be offered to girls with cancer.**  
Pediatr Blood Cancer. 2007 Jan;48(1):4-9. doi: 10.1002/pbc.20946. PMID: 16830321.
- **48: Shveiky D., Simon A., Gino H., Safran A., Lewin A., Reubinoff B., Laufer N., Revel A. Sibling oocyte submission to IVF and ICSI in unexplained infertility patients: a potential assay for gamete quality.**  
Reprod Biomed Online. 2006 Mar;12(3):371-4. doi: 10.1016/s1472-6483(10)61011-5. PMID: 16569328.
- **49: Elram T., Simon A., Israel S., Revel A., Shveiky D., Laufer N. Treatment of recurrent IVF failure and human leukocyte antigen similarity by intravenous immunoglobulin.**  
Reprod Biomed Online. 2005 Dec;11(6):745-9. doi: 10.1016/s1472-6483(10)61694-x. PMID: 16417740.
- **50: Arav A., Revel A., Nathan Y., Bor A., Gacitua H., Yavin S., Gavish Z., Uri M., Elami A. Oocyte recovery, embryo development and ovarian function after cryopreservation and transplantation of whole sheep ovary.**  
Hum Reprod. 2005 Dec;20(12):3554-9. doi: 10.1093/humrep/dei278. Epub 2005 Sep 20. PMID: 16174650.
- **51: Revel A., Haimov-Kochman R., Porat A., Lewin A., Simon A., Laufer N., Gino H., Meirow D. In vitro fertilization-intracytoplasmic sperm injection success rates with cryopreserved sperm from patients with malignant disease.**  
Fertil Steril. 2005 Jul;84(1):118-22. doi: 10.1016/j.fertnstert.2005.01.121. PMID: 16009166.
- **52: Shveiky D., Revel A., Rojansky N., Benshushan A., Shushan A. Diagnosis of malignant mesenchymal uterine tumors by hysteroscopic excisional biopsy.**  
J. Minim Invasive Gynecol. 2005 Jan-Feb;12(1):29-33. doi: 10.1016/j.jmig.2004.12.017. PMID: 15904594.

### SCIENTIFIC PUBLICATIONS | MANUSCRIPTS

- **53: Gielchinsky Y., Cohen R., Revel A., Ezra Y. Postpartum maternal group B streptococcal meningitis.**  
Acta Obstet Gynecol Scand. 2005 May; 84(5):490-1. doi: 10.1111/j.0001-6349.2005.0243b.x.  
PMID: 15842217.
- **54: Revel A., Helman A., Koler M., Shushan A., Goldshmidt O., Zcharia E., Aingorn H., Vlodaysky I. Heparanase improves mouse embryo implantation.**  
Fertil Steril. 2005 Mar; 83(3):580-6. doi: 10.1016/j.fertnstert.2004.11.008. PMID: 15749484.
- **55: Revel A., Elami A., Bor A., Yavin S, Natan Y, Arav A. Whole sheep ovary cryopreservation and transplantation.**  
Fertil Steril. 2004 Dec;82(6):1714-5. doi: 10.1016/j.fertnstert.2004.06.046. PMID: 15589891.
- **56: Shushan A., Revel A., Rojansky N. How often are endometrial polyps malignant?**  
Gynecol Obstet Invest. 2004;58(4):212-5. doi: 10.1159/000080189. Epub 2004 Aug 12. PMID: 15316149.
- **57: Revel A., Safran A., Benshushan A., Shushan A., Laufer N, Simon A. In vitro maturation and fertilization of oocytes from an intact ovary of a surgically treated patient with endometrial carcinoma: case report.**  
Hum Reprod. 2004 Jul; 19(7):1608-11. doi: 10.1093/humrep/deh241. Epub 2004 May 27. PMID: 15166126.
- **58: Lavy Y, Lev-Sagie A., Holtzer H., Revel A., Hurwitz A. Should laparoscopy be a mandatory component of the infertility evaluation in infertile women with normal hysterosalpingogram or suspected unilateral distal tubal pathology?**  
Eur J Obstet Gynecol Reprod Biol. 2004 May 10;114(1):64-8. doi: 10.1016/j.ejogrb.2003.09.035. PMID: 15099873.
- **59: Revel A., Tsafrir A., Anteby SO, Shushan A. Does hysteroscopy produce intraperitoneal spread of endometrial cancer cells?**  
Obstet Gynecol Surv. 2004 Apr; 59(4):280-4. doi: 10.1097/01.ogx.0000120173.09136.4a. PMID: 15024228.
- **60: Revel A., Moshe N, Helman A., Safran A., Simon A., Koler M. Mouse embryos generated from frozen-thawed oocytes can successfully survive a second cryopreservation.**  
Hum Reprod. 2004 Mar;19(3):666-9. doi: 10.1093/humrep/deh144. Epub 2004 Jan 29. PMID: 14998968.
- **61: Revel A., Abramov Y, Yagel S, Nadjari M. Utero-ovarian morphology and blood flow after tubal ligation by the Pomeroy technique.**  
Contraception. 2004 Feb; 69(2):151-6. doi: 10.1016/j.contraception.2003.09.016. PMID: 14759621.
- **62: Revel A., Safran A., Laufer N, Lewin A., Reubinov BE., Simon A. Twin delivery following 12 years of human embryo cryopreservation: case report.**  
Hum Reprod. 2004 Feb;19(2):328-9. doi: 10.1093/humrep/deh046. PMID: 14747175.
- **63: Revel A., Schenker J. Ovarian tissue banking for cancer patients: is ovarian cortex cryopreservation presently justified?**  
Hum Reprod. 2004 Jan;19(1):14-9. doi: 10.1093/humrep/deh002. PMID: 14688151.
- **64: Revel A., Raanani H., Younglai E., Xu J., Rogers I., Han R., Savouret JF, Casper RF. Resveratrol, a natural aryl hydrocarbon receptor antagonist, protects lung from DNA damage and apoptosis caused by benzo[a]pyrene.**  
J Appl Toxicol. 2003 Jul-Aug;23(4):255-61. doi: 10.1002/jat.916. PMID: 12884409.



 SCIENTIFIC PUBLICATIONS | MANUSCRIPTS

- **65: Simon A., Safran A., Revel A., Aizenman E., Reubinoff B, Porat-Katz A., Lewin A., Laufer N. Hyaluronic acid can successfully replace albumin as the sole macromolecule in a human embryo transfer medium.**  
Fertil Steril. 2003 Jun;79(6):1434-8. doi: 10.1016/s0015-0282(03)00349-2. PMID: 12798894.
- **66: Revel A., Koler M., Simon A., Lewin A., Laufer N, Safran A. Oocyte collection during cryopreservation of the ovarian cortex.**  
Fertil Steril. 2003 May; 79(5):1237-9. doi: 10.1016/s0015-0282(02)04963-4. PMID: 12738527.
- **67: Revel A., Shushan A. Investigation of the infertile couple: hysteroscopy with endometrial biopsy is the gold standard investigation for abnormal uterine bleeding.**  
Hum Reprod. 2002 Aug;17(8):1947-9. doi: 10.1093/humrep/17.8.1947. PMID: 12151418.
- **68: Lewin A., Pisov G., Turgeman R., Fatum M., Shufaro Y., Simon A., Laufer N, Revel A., Reubinoff B., Safran A. Simplified artificial endometrial preparation, using oral estradiol and novel vaginal progesterone tablets: a prospective randomized study.**  
Gynecol Endocrinol. 2002 Apr;16(2):131-6. PMID: 12012623.
- **69: Revel A., Laufer N. Protecting female fertility from cancer therapy.**  
Mol Cell Endocrinol. 2002 Feb 22; 187(1-2):83-91. doi: 10.1016/s0303-7207(01)00705-5. PMID: 11988315.
- **70: Shushan A., Revel A., Laufer N, Rojansky N. Hysteroscopic treatment of intrauterine lesions in premenopausal and postmenopausal women.**  
J. Am Assoc Gynecol Laparosc. 2002 May; 9(2):209-13. doi: 10.1016/s1074-3804(05)60134-x. PMID: 11960050.
- **71: Revel A., Raanani H., Younglai E., Xu J, Han R, Savouret JF, Casper RF. Resveratrol, a natural aryl hydrocarbon receptor antagonist, protects sperm from DNA damage and apoptosis caused by benzo(a)pyrene.**  
Reprod Toxicol. 2001 Sep- Oct; 15(5):479-86. doi: 10.1016/s0890-6238(01)00149-6. PMID: 11780955.
- **72: Revel A., Laufer N. [Intracytoplasmic sperm injection--hopes and risks].**  
Harefuah. 1998 Feb 15; 134(4):280-6. Hebrew. PMID: 10909507.
- **73: Revel A., Davis VJ, Casper RF. Ovarian cortex cryopreservation in pediatric and adolescent medicine.**  
J. Pediatr Adolesc Gynecol. 2000 May; 13(2):95. doi: 10.1016/s1083-3188(00)00031-0. PMID: 10869988.
- **74: Simon A., Hurwitz A., Pharhat M, Revel A., Zentner BS, Laufer N. A flexible protocol for artificial preparation of the endometrium without prior gonadotropin-releasing hormone agonist suppression in women with functioning ovaries undergoing frozen-thawed embryo transfer cycles.**  
Fertil Steril. 1999 Apr; 71(4):609-13. doi: 10.1016/s0015-0282(98)00539-1. PMID: 10202867.
- **75: Simon A., Holzer H., Hurwitz A., Revel A., Zentner BS, Lossos F, Laufer N. Comparison of cryopreservation outcome following intracytoplasmic sperm injection and conventional in vitro fertilization.**  
J. Assist Reprod Genet. 1998 Aug; 15(7):431-7. doi: 10.1007/BF02744937. PMID: 9717119; PMCID: PMC3454802.
- **76: Hanoch J, Lavy Y, Holzer H., Hurwitz A., Simon A., Revel A., Laufer N. Young low responders protected from untoward effects of reduced ovarian response.**  
Fertil Steril. 1998 Jun; 69(6):1001-4. doi: 10.1016/s0015-0282(98)00079-x. PMID: 9627283.

 **SCIENTIFIC PUBLICATIONS | MANUSCRIPTS**

- **77: Simon A., Revel A., Hurwitz A., Laufer N. The pathogenesis of ovarian hyperstimulation syndrome: a continuing enigma.**  
J Assist Reprod Genet. 1998 Apr; 15(4):202-9. doi: 10.1023/a:1023052419627. PMID: 9565850; PMCID: PMC3454931.
- **78: Anteby EY, Hurwitz A., Korach O, Revel A., Simon A., Finci-Yeheskel Z., Mayer M, Laufer N. Human follicular nitric oxide pathway: relationship to follicular size, oestradiol concentrations and ovarian blood flow.**  
Hum Reprod. 1996 Sep; 11(9):1947-51. doi: 10.1093/oxfordjournals.humrep.a019522. PMID: 8921069.
- **79: Revel A., Barak V., Lavy Y., Anteby E., Abramov Y., Schenker JJ, Amit A., Finci-Yeheskel Z., Mayer M., Simon A., Laufer N., Hurwitz A. Characterization of intraperitoneal cytokines and nitrites in women with severe ovarian hyperstimulation syndrome.**  
Fertil Steril. 1996 Jul;66(1):66-71. PMID: 8752613.
- **80: Revel A., Zohar N., Lincoln R., Sherman D. [Underwater diving during pregnancy].**  
Harefuah. 1995 Jun 1; 128(11):707-10. Hebrew. PMID: 7557671.
- **81: Yagel S., Achiron R., Ron M., Revel A., Anteby E. Transvaginal ultrasonography at early pregnancy cannot be used alone for targeted organ ultrasonographic examination in a high-risk population.**  
Am J Obstet Gynecol. 1995 Mar; 172(3):971-5. doi: 10.1016/0002-9378(95)90029-2. PMID: 7892892.
- **82: Revel A., Ariel I, Rein AJ, Anteby E., Lavy Y, Yagel S. Fetal endocardial fibroelastosis.**  
J Clin Ultrasound. 1994 Jun; 22(5):355-6. doi: 10.1002/jcu.1870220513. PMID: 8046048.
- **83: Anteby EY, Ron M, Revel A., Shimonovitz S, Ariel I, Hurwitz A. Germ cell tumors of the ovary arising after dermoid cyst resection: a long-term follow-up study.**  
Obstet Gynecol. 1994 Apr; 83(4):605-8. doi: 10.1097/00006250-199404000-00021. PMID: 8134074.
- **84: Anteby EY, Tadmor O, Revel A., Yagel S. Post-term pregnancies with normal cardiotocographs and amniotic fluid columns: the role of Doppler evaluation in predicting perinatal outcome.**  
Eur J Obstet Gynecol Reprod Biol. 1994 Apr; 54(2):93-8. doi: 10.1016/0028-2243(94)90244-5. PMID: 8070605.
- **85: Anteby E., Revel A., Ben-Chetrit A., Rosen B, Tadmor O, Yagel S. Intrauterine device failure: relation to its location within the uterine cavity.**  
Obstet Gynecol. 1993 Jan; 81(1):112-4. PMID: 8416443.
- **86: Londner MV., Revel A., Rosen G, Shehata MG, Kemawi MA., el Said S, Said M, Spira T. Dot-ELISA, a potential immunoassay for the detection of Plasmodium falciparum antibodies.**  
Trans R Soc Trop Med Hyg. 1988;82(5):686-8. doi: 10.1016/0035-9203(88)90198-8. PMID: 3075353.