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CURRICULUM VITAE

Personal Details

Name: Ilan Tur-Kaspa, M.D.

Place of work: Founder and Medical Director,
 Institute for Human Reproduction (IHR),
 Director, Clinical IVF-PGD Program,
 Reproductive Genetics Institute (RGI),
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Education

| <u>Degree</u> | <u>Years</u> | <u>University / Institution</u> | <u>Department</u> |
|---|---------------------|---|--|
| M.D. | 1973-1980 | Hebrew University, Hadassah Medical School, Jerusalem, Israel | Medicine |
| Master in Ob/Gyn | 1989-1992 | Tel Aviv University, Israel | Ob/Gyn, Sackler School of Continuing Medical Education |
| Diploma in Medical administration | 1993-1995 | Galilee College, Tivon, Israel | Medical administration |
| Residency in Ob/Gyn | 1985-1988 | Sheba Medical Center, Tel- Hashomer, Tel Aviv University | Obstetrics & Gynecology |
| Board Certified in Israel | 3.10.91 | Israeli Board of Obstetrics & Gynecology | Obstetrics & Gynecology |
| Residency in Ob/Gyn | 1988-1991 | Mount Sinai Hospital, Chicago, Illinois, USA | Obstetrics & Gynecology |
| Board Certified in the USA | 11.23.93 | American Board of Obstetrics & Gynecology | Obstetrics & Gynecology |
| Residency in Medical | 1995-1996 | Sheba Medical Center, Tel-Hashomer and Medical | Medical Administration |

Administration

Corps, IDF

Employment History

| <u>Years</u> | <u>Rank / Title / Function</u> | <u>Institution</u> |
|---------------------|--|--|
| 2004-present | President and Medical Director | Institute for Human Reproduction (IHR), Chicago, IL |
| 2002-present | Director, Clinical IVF-PGD Program | Reproductive Genetics Institute (RGI), Chicago, IL |
| 2000 | Reproductive Endocrinologist | Center for Human reproduction, Chicago, IL |
| 1998-2002 | Director, Division of Reproductive Endocrinology and Infertility (REI) | Barzilai Hospital, Ben-Gurion University, Ashkelon, Israel |
| 1991-1998 | Reproductive Endocrinologist, Division of REI | Sheba Medical Center, Tel Aviv Univ., Tel-Hashomer |
| 1996-1998 | Head, Research and Development | Sheba Medical Center, Tel-Hashomer, Israel |
| 1993-1995 | Head, Infertility Clinic and NBC Branch (Lieut. Col.) | Medical Corps, Israeli Defense Force (IDF) |
| 1992-1993 | Head, Sperm Bank, Dept. of Ob/Gyn | Sheba Medical Center, Tel-Hashomer, Israel |
| 1991 | Attending Physician, Dept. of Ob/Gyn | Mount Sinai Medical Center, Chicago, Illinois, USA |
| 1988-1991 | Resident in Ob/Gyn | Mount Sinai Medical Center, Chicago, Illinois, USA |
| 1985-1988 | Resident in Ob/Gyn | Sheba Medical Center, Tel-Hashomer |
| 1981-1984 | Chief Medical Officer | Medical Corps, IDF |
| 1980 | Intern | Hadassah Hospital, Jerusalem |

Professional Activities**(a) Positions in academic administration**

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|--------------|--|
| 2008-present | Clinically Associated, Dept of Ob/Gyn, University of Chicago |
| 2000-2004 | Senior Lecturer, Dept. of Ob/Gyn, Ben-Gurion University, Israel |
| 1997-2000 | Visiting Scientist, Dept. of Biological Chemistry, Weizmann Institute of Science, Rehovot, Israel |
| 1991-1994 | Research Assistant Professor, Dept. of Physiology and Biophysics, University of Illinois, Chicago, USA |

(b) Professional functions outside universities / institutions

| | |
|--------------|--|
| 2008-present | President, Chicago Association of Reproductive Endocrinologists (CARE) |
| 2007-present | Secretary, The International Society of the Fallopian Tube (ISFT) |

- 2009 Co-Chair, Postgraduate Course on "IVF for PGD and PGD to improve ART outcome", American Society of Reproductive Medicine (ASRM)
- 2009 Organizing Committee. EuroAmerican MultiSpecialty Summit IV: Laparoscopy & Minimally Invasive Surgery. Orlando, FL.
- 2007 Faculty, Postgraduate Course on Preimplantation Genetic Diagnosis (PGD), American Society of Reproductive Medicine (ASRM).
- 2004-2006 Chair / Co-Chair, postgraduate courses on Reproductive Imaging, ASRM
- 2005 Organizing Committee. 2nd EuroAmerican MultiSpecialty Congress of Laparoscopy and Minimally Invasive Surgery. Miami Beach, FL.
- 2004, 2005 Faculty, The Chicago Area Schools of Medicine Obstetrics & Gynecology Review Course. Chicago, IL.
- 2002-2003 Chair, Imaging in Reproductive Medicine Special Interest Group, ASRM.
- 1998-2006 Chairman, International Relations Committee, American Society of Reproductive Surgeons of the ASRM.
- 2002 Organizing committee, Sero Symposium on Biotechnology of Human Reproduction, Turin, Italy.
- 2001 Organizing committee (Secretary), The 2nd Symposium on Male Reproduction and Andrology, Tel Aviv, Israel.
- 2000, 2002 Organizing committee, 2nd and 3rd International Symposium on Signal Transduction in Health and Disease, Tel Aviv, Israel.
- 1999 Organizing committee (Secretary), The 1st Symposium on Male Reproduction and Andrology, Tel Aviv, Israel.
- 1997-2002 Member, The Board Committee for Ob/Gyn, Scientific Council, Israel Medical Association.
- 1997 Organizing committee, 1st International Symposium on Signal Transduction in Health and Disease, Tel Aviv, Israel.
- 1997 Organizing committee, Bat-Sheva Seminar on Physiological and Molecular Processes Leading to Fertilization in Mammals, Zichron Ya'acov, Israel.
- 1995-2002 Chairman, National Advisory Committee for Hospital Preparation for Toxicological Mass Casualty Events, Israel Ministry of Health
- 1994 Organizing committee (Chairman), Workshop on Falloposcopy, Tel Aviv, Israel
- 1991 Faculty, Postgraduate Course: New Approach to Tubal Occlusion – Transcervical Balloon Tuboplasty, Chicago, Illinois, USA.
- 1988 Faculty, Postgraduate Course: Recent Developments in Ob/Gyn, Chicago, IL

(d) Editorial Board of scientific journals

- 2001-2003 Journal of Assisted Reproduction and Genetics.

(f) Reviewer for scientific journals and societies

- 1998-present Reviewer for the Journal of Human Reproduction.
- 2000-present Reviewer for the Journal of Assisted Reproduction and Genetics.
- 2002-present Reviewer for the Journal of Fertility and Sterility.
- 2003-2005 Reviewer for the Italian Ministry for Education University and Research

2004-present Reviewer for the Journal of Reproductive BioMedicine Online.

2008-present Reviewer for the Journal of Human Reproduction Update.

(g) Membership in professional / scientific societies

1988-present American Society for Reproductive Medicine (ASRM)
 1989-present American Society of Reproductive Surgeons
 1991-present Fellow of American College of Obstetricians and Gynecologists (FACOG)
 1992-present Imaging in Reproductive Medicine Special Interest Group of The ASRM (former: The GynecoRadiology Society)
 2005-present Preimplantation Genetic Diagnosis (PGD) Special Interest Group, ASRM
 2005-present Preimplantation Genetic Diagnosis International Society (PGDIS)
 1980-present Israel Medical Association, Israel
 1985-present Israel Fertility Association, Israel
 2007-present The International Society of the Fallopian Tube (ISFT)

Awards / Fellowships

(a) Awards

1998 Israel Fertility Association: The Outstanding Clinical Work Award.
 1989 The American Fertility Society: The General Program Prize Paper Award.
 1987 Sackler School of Medicine, Tel Aviv University: Diploma in Ob/Gyn, with Distinction.
 1981 Hadassah Medical School, Hebrew University, Jerusalem: Outstanding M.D. Thesis Award.
 1976-1978 Hadassah Medical School, Hebrew University, Jerusalem: Outstanding Student Awards.

(b) Fellowships

1988-1991 The Foundation for Reproductive Medicine, Chicago, Illinois. Research Fellowship: "The window of implantation".
 1988-1990 The American Physician Fellowship, Brookline, Massachusetts. Research Fellowship: "Sequential ejaculation and male infertility".

Research Grants

2007 – 2009 EMD Serono: Use of GnRH Antagonist (Cetrotide) protocol, instead of Agonist, to prepare recipients for embryo transfer: a prospective, clinical trial. (Principal Investigator: IND 74,817; www.ClinicalTrials.gov NCT00460642).
 1998 – 2000 Chief Scientist, Israel Ministry of Health: Roles of Natural Ligands in Human Sperm Capacitation and Acrosomal Reaction: Implication for Fertilization (Co-Investigator).
 1997 - 1999 Centeon Pharma, GMBH: The Possible Role of Factor XIII in Embryo Implantation after IVF and in Habitual Abortion (Principal Investigator).

- 1997 - 1999 Serono Pharma International: Treatment with FSH to Improve Sperm Fertilization Ability in IVF: a Prospective, Randomized, Double Blind, Placebo Controlled Study (Co-Principal Investigator).
- 1995 - 1996 Chief Scientist, Israel Ministry of Health: Human Sperm Chemotaxis (Co-Investigator).
- 1995 - 1996 Chief Scientist, Israel Ministry of Health: The Role of Tumor Necrosis Factor (TNF) and its Membranal and Soluble Receptors in the Human Reproductive System (Principal Investigator).

Scientific Publications

Book Editing

1. Biotechnology of Human Reproduction. Revelli, A, **Tur-Kaspa I**, Holte JG, Massobrio M, editors. New York, The Parthenon Publishing Group, 2003.

Chapters in books and conference proceedings

1. Granat M, **Tur-Kaspa I**, Zylber-Katz E, Shenker JG. Inhibition of peritoneal adhesion formation by colchicine. In: Diagnosis and management of tubo-uterine factors in infertility. MTP Press Limited, International Medical Publishers, 1983, 199-202.
2. **Tur-Kaspa I**, Gleicher N. Immunology of the uterus. In: Altcheck A, Deligdisch L, eds. The Uterus. New York, Springer-Verlag Publishers, 1991, 27-38.
3. **Tur-Kaspa I**, Gleicher N. Disorders of connective tissue. In: Gleicher N, ed. Principles of medical therapy in pregnancy. 2nd ed. East Norwalk, Appleton & Lange, 1991, 277-80.
4. **Tur-Kaspa I**, Gleicher N. Disorders of the hypothalamus and pituitary. In: Gleicher N, ed. Principles of medical therapy in pregnancy. 2nd ed. East Norwalk, Appleton & Lange, 1991, 314-321.
5. **Tur-Kaspa I**, Neuman AM. Abnormal hormone production. In: Gleicher N, ed. Principles of medical therapy in pregnancy. 2nd ed. East Norwalk, Appleton & Lange, 1991, 381-83.
6. **Tur-Kaspa I**. Pathophysiology of the fallopian tube. In: Gleicher N, ed. Tubal catheterization. New York, Wiley-Liss, Inc. 1992, 5-14.
7. Eisenbach M, Manor M, **Tur-Kaspa I**, Cohen-Dayag A, Goldenberg M, Yuli I, Makler A, Dor J, Mashiach S, Garbers D L, Ralt D. Mammalian sperm chemotaxis. In: Oshima H, Burger HG, eds. Current topics in andrology. Tokyo, published by Japan Society of Andrology, 1993, 250-55.
8. Moran.D, Cohen A, Ashkenazy S,. Albukrek D, **Tur-Kaspa I**. Determining tolerance time in encapsulated rooms - physiological consideration. In: Shapiro Y, Moran DS, Epstein Y, eds. Environmental Ergonomics: recent progress and new frontiers. Tel Aviv, Freund Publishing House Ltd. 1996, 241-44.
9. **Tur-Kaspa I**, Paz I, Gleicher N. Disorders of the pituitary and hypothalamus. In: Gleicher N, ed. Principles & practice of medical therapy in pregnancy. 3rd ed. East Norwalk, Appleton & Lange, 1998, 424-32.
10. Paz I, **Tur-Kaspa I**. Abnormal hormone production. In: Gleicher N, ed. Principles & practice of medical therapy in pregnancy. 3rd ed. East Norwalk, Appleton & Lange, 1998, 474-78.
11. **Tur-Kaspa I**, Shalgi R, Kaplan-Kraitzer R, Eskaraev R, Segal S, Inbal A. A possible role for Factor XIII in preventing early pregnancy loss. In: Proceeding of the 11th World Congress on In Vitro Fertilization and Human Reproductive Genetics. Monduzzi Editore, Bologna, 1999:389-94.

12. **Tur-Kaspa I.** Transcervical tubal catheterization (TTC) - The procedure of choice in the management of infertile women with proximal tubal occlusion. In: Seidman DS, ed. Operative Gynecologic Endoscopy. Petach-Tikva, Offset Color Ltd., 2000.
13. Revelli A, Poso F, **Tur-Kaspa I.** New insights on gametogenesis, sperm migration, fertilization and embryo implantation in humans. In: Revelli, A, Tur-Kaspa I, Holte JG, Massobrio M, eds. Biotechnology of Human Reproduction. New York: The Parthenon Publishing Group, 2003:9-42.
14. **Tur-Kaspa I.** Modern techniques for the diagnosis and treatment of tubal occlusion. In: Revelli, A, Tur-Kaspa I, Holte JG, Massobrio M, eds. Biotechnology of Human Reproduction. New York: The Parthenon Publishing Group, 2003:353-61.
15. **Tur-Kaspa I,** Segal S, Zohav E. The ART of imaging: Three dimensional (3D) ultrasound and ART. In: Revelli, A, Tur-Kaspa I, Holte JG, Massobrio M, eds. Biotechnology of Human Reproduction. New York: The Parthenon Publishing Group, 2003:363-73.
16. **Tur-Kaspa I.** Transcervical Tubal Evaluation In: Desai S, Parihar M, Allahbadia G, eds. Updates on Infertility. New Delhi: B.I. Publications Pvt Ltd, 2004: 44-50.
17. **Tur-Kaspa I,** Segal S, Zohav E. 3D ultrasound and infertility. In: Desai S, Parihar M, Allahbadia G, eds. Updates on Infertility. New Delhi: B.I. Publications Pvt Ltd, 2004: 310-18.
18. **Tur-Kaspa I,** Bahat A, Eisenbach M. The Role of Chemotaxis and Thermotaxis in Human Reproduction. In: Allahbadia G, Saridogan E, Djahanbakhch O, eds. The Fallopian Tube. Kent, UK. Anshan Ltd, 2009: 92-101.
19. Confino E, **Tur-Kaspa I.** Minimally Invasive Imaging Procedures for Tubal Infertility. In: Allahbadia G, Saridogan E, Djahanbakhch O, eds. The Fallopian Tube. Kent, UK. Anshan Ltd, 2009: 246-55.

Refereed Articles in Scientific Journals

1. Brautbar C, Freier S, Ashkenazi A, Dekelbaum R, **Tur-Kaspa I**, Amar A, Cohen I, Sharon R, Abecasis C, Levene C, Cohen T, Albert E. Histocompatibility determinants in Israeli Jewish patients with coeliac disease: population and family study. *Tissue Antigens* 1981;17:313-22.
2. Granat M, **Tur-Kaspa I**, Zylber-Katz E, Shenker JG. Reduction of peritoneal adhesion formation by colchicine: A comparative study in the rat. *Fertil Steril* 1983;40:369-72.
3. Flugelman MY, Hasin Y, **Tur-Kaspa I**, Friedlander Y, Gotsman MS. Prediction of in-hospital ventricular fibrillation from admission data in acute myocardial infarction. *Clin Cardiol* 1983;6:156-62.
4. Galun E, Burstein R, Assia E, **Tur-Kaspa I**, Rosenblum J, Epstein Y. Changes of white blood cell count during prolonged exercise. *Int J Sports Med* 1987;8:253-5.
5. Galun E, Burstein R, **Tur-Kaspa I**, Assia E, Epstein Y. Prediction of physical performance through muscle enzymes activity. *Eur J Appl Physiol*, 1988;57:597-600.
6. Lurie M, **Tur-Kaspa I**, Weill S, Katz I, Goldenberg S. Ciliary ultrastructure of respiratory and fallopian tubal epithelium in a sterile woman with kartagener's syndrome: A quantitative estimation. *Chest*, 1989;578-81.
7. Oelsner G, Menashe Y, **Tur-Kaspa I**, Ben-Rafael Z, Blankstein Y, Mashiach S, Serr DM. The role of gonadotropins in the etiology of ectopic pregnancy. *Fertil Steril* 1989;52:514-6.
8. **Tur-Kaspa I**, Confino E, Friberg J, Myers SA, Dudkiewicz AB, Gleicher N. Ovarian stimulation protocol for in vitro fertilization with gonadotropins releasing hormone agonist widened the implantation window. *Fertil Steril* 1990;53:859-64 (*Fertil Digest* 1991;2:15-16).
9. Confino E, **Tur-Kaspa I**, DeCherney A, Corfman R, Coulam C, Robinson E, Haas G, Katz E, Vermesh M, Gleicher N. Transcervical balloon tuboplasty: A multicenter study. *JAMA* 1990;2079-82 (*Year Book of Infertility* 1991;391-3).
10. **Tur-Kaspa I**, Dudkiewicz AB, Confino E, Gleicher N. Pooled sequential ejaculates: A way to increase total number of motile spermatozoa from oligozoospermic males. *Fertil Steril* 1990;54:906-9. (*Year Book of Infertility* 1991;145-7).
11. **Tur-Kaspa I**, Dudkiewicz AB. Is oligospermia a seasonal phenomena? *N Eng J Med (let)* 1990;323:1564.
12. **Tur-Kaspa I**. Hyperbaric oxygen therapy for air embolism complicating operative hysteroscopy. *Am J Obstet Gynecol (let)* 1990;163:680-1.
13. **Tur-Kaspa I**, Gleicher N. Diagnosis: Eclampsia. *Hosp Med* 1990; 26:55-68.
14. Galun E, **Tur-Kaspa I**, Assia E, Burstein R, Strauss N, Epstein Y, Popovtzer MM. Hyponatremia induced by exercise: a 24-hour endurance march study. *Miner Electrolyte Metab* 1991;17:315-20.
15. Confino E, **Tur-Kaspa I**, Gleicher N. Sonographic transcervical balloon tuboplasty. *Hum Reprod* 1992;7:1271-3.
16. Hales DB, Xiong Y, **Tur-Kaspa I**. The role of cytokines in the regulation of leydig cell p450c17 gene expression. *J Steroid Biochem Molec Biol* 1992;43:907-14.

17. Gleicher N, Confino E, Corfman R, Coulam C, DeCherney A, Haas G, Katz E, Robinson E, **Tur-Kaspa I**, Vermesh M. The multicenter transcervical balloon tuboplasty study: conclusions and comparison to alternative technologies. *Hum Reprod* 1993;8:1264-71.
18. **Tur-Kaspa I**, Gleicher N. Transcervical balloon tuboplasty. *The Female Patient* 1993;18:65-69.
19. **Tur-Kaspa I**. Transcervical tubal catheterization for the diagnosis and treatment of proximal tubal occlusion. *Ob/Gyn Update (Hebrew)* 1993;8:4-6.
20. Oelsner G, Goldenberg M, Admon D, Pansky M, **Tur-Kaspa I**, Rabinovitch O, Carp HJ, Mashiach S. Salpingectomy by operative laparoscopy and subsequent reproductive performance. *Hum Reprod* 1994;9:83-6.
21. Ralt D, Manor M, Cohen-Dayag A, **Tur-Kaspa I**, Ben-Shlomo I, Makler A, Yuli I, Dor J, Blumberg S, Mashiach S, Eisenbach M. Chemotaxis and chemokinesis of human spermatozoa to follicular factors. *Biol Reprod* 1994;50:774-85.
22. Cohen-Dayag A, Ralt D, **Tur-Kaspa I**, Manor M, Makler A, Dor J, Mashiach S, Eisenbach M. Sequential acquisition of chemotactic responsiveness by human spermatozoa. *Biol Reprod* 1994;50:786-90.
23. **Tur-Kaspa I**, Maor Y, Levran D, Yonish M, Mashiach S, Dor J. How often should infertile men have intercourse to achieve conception? *Fertil Steril* 1994;62:370-5 (Year Book of Infertility 1995).
24. **Tur-Kaspa I**, Maor Y, Dor J, Mashiach S. Frequency of intercourse for couples trying to conceive. *Lancet (Commentary)* 1994;344:766.
25. Eisenbach M, **Tur-Kaspa I**. Human sperm chemotaxis is not enigmatic anymore. *Fertil Steril (Editorial)* 1994;62:233-5.
26. Lev EI, Hendler I, Siebner R, Tashma Z, Wiener **Tur-Kaspa I**. Creatine kinase activity decrease with short-term freezing. *Enzyme & Protein* 1994-95;48:238-42.
27. Cohen-Dayag A, **Tur-Kaspa I**, Dor J, Mashiach S, Eisenbach M. Sperm capacitation in humans is transient and correlates with chemotactic responsiveness to follicular factors. *Proc Natl Acad Sci USA* 1995;92:11039-43.
28. **Tur-Kaspa I**, Maor Y, Dor J. Male infertility. *N Eng J Med (let)* 1995;332:1790.
29. Amital H, **Tur-Kaspa I**, Tashma Z, Hendler I, Shoenfeld Y. Catalytic antibodies. Structure and possible applications. *Methods Mol Biol* 1995;51:203-10.
30. **Tur-Kaspa I**, Maor Y, Weissenberg R, Madgar I, Aderka D, Dor J, Mashiach S, Wallach D. High levels of soluble p55-TNF receptors in seminal and prostatic fluids of normal and infertile men. *J Urol* 1996;155:1436-8.
31. Bider D, Amoday I, **Tur-Kaspa I**, Livshits A, Dor J. The addition of a glucocorticoid to the protocol of programmed oocytes retrieval for in-vitro fertilization - a randomized study. *Hum Reprod* 1996;11:1606-8.
32. Friedman A, Kaufer-Nachum D, Shemer J, Hendler I, Soreq H, **Tur-Kaspa I**. Pyridostigmine brain penetration under stress enhances neuronal excitability and induces early immediate transcriptional response. *Nature Med* 1996, 2:1382-5.

33. Golan A, **Tur-Kaspa I**. The management of the infertile patient with proximal tubal occlusion. *Hum Reprod (Editorial)* 1996;11:1833-4.
34. Soriano D, Dulitzki M, **Tur-Kaspa I**, Barkai G, Mashiach S, Seidman DS. Postpartum angina-like symptom complex associated with Syntometrine®. *Prenatal and Neonatal Med* 1997; 60-2.
35. Bider D, Blankstein J, Levron J, **Tur-Kaspa I**. Gonadotropins and glucocorticoid therapy for "low responders" - a controlled study. *J Assist Reprod Genet* 1997;14:328-31.
36. Aizenstein O, Lehavi O, **Tur-Kaspa I**. Ciprofloxacin treatment for pregnant or lactating women, and children? *Harefuah* 1997; 132: 283-8.
37. **Tur-Kaspa I**, Seidman DS, Soriano D, Greenberg I, Dor J, Bider D. Hysterosalpingography with a balloon catheter versus a metal cannula: a prospective, randomized, blinded, comparative study. *Hum Reprod* 1998;13:75-7.
38. Bider D, Shine S, **Tur-Kaspa I**, Levron J, Dor J. Cortisol concentrations in follicular fluid of "low-responder" patients. *Hum Reprod* 1998;13:27-9.
39. Jaiswal BJ, Cohen-Dayag A, **Tur-Kaspa I**, Eisenbach I. Sperm capacitation is, after all, a prerequisite for both partial and complete acrosome reaction. *FEBS Lett.* 1998;427:309-13.
40. Bider D, Blankstein J, **Tur-Kaspa I**. Fertility in anovulatory patients after primary cesarean section. *J Reprod Med* 1998;43:869-71.
41. **Tur-Kaspa I**, Yuval Y, Bider D, Levron J, Dor J. Difficult or repeated embryo transfers do not adversely affect pregnancy rates in IVF. *Hum Reprod* 1998;13:2452-2455.
42. Jaiswal BS, Eisenbach M, **Tur-Kaspa I**. Detection of partial and complete acrosome reaction in human sperm: which inducers and probes to use? *Mol Hum Reprod* 1999;5:214-9.
43. Jaiswal BS, **Tur-Kaspa I**, Dor J, Mashiach S, Eisenbach M. Human sperm chemotaxis: Is progesterone a chemoattractant? *Biol Reprod* 1999;60:1314-9.
44. **Tur-Kaspa I**, Lev EI, Hendler I, Siebner R, Shapira Y, Shemer J. Preparing hospitals for toxicological mass casualties events. *Crit Care Med*, 1999;27:1004-8.
45. Eisenbach M, **Tur-Kaspa I**. Do human eggs attract spermatozoa? *BioEssays* 1999;21:203-210.
46. Lev EI, **Tur-Kaspa I**, Ashkenazy I, Reiner A, Faraggi D, Shemer J, Argov Z. Distribution of serum creatine kinase activity in young healthy persons. *Clin Chim Acta* 1999; 279:107-5.
47. Bider D, Hourvitz A, **Tur-Kaspa I**, Drenfeld M, Dor J. Dexamethasone supplementation to gonadotropin stimulation for in vitro fertilization in polycystic ovarian disease. *J Assisted Reprod Genet* 1999;16:233-5.
48. Bider D, Livshitz, **Tur-Kaspa I**, Shulman A, Levron J, Dor J. Incidence and perinatal outcome of multiple pregnancies after intracytoplasmic sperm injection compared to standard in vitro fertilization. *J Assisted Reprod Genet* 1999;16:221-6.

49. **Tur-Kaspa I**, Segal S, Moffa F, Massobrio M, Meltzer S. Viagra for temporary erectile dysfunction during treatments with assisted reproductive technologies. *Hum Reprod* 1999;14:1783-84.
50. Gemer O, Shenhav S, Segal S, **Tur-Kaspa I**. Thyroid hormone levels in cord blood of infants with acidemia at birth. *Eur J Obstet Gynecol Reprod Biol* 2000;93:53-5.
51. Shapira M, **Tur-Kaspa I**, Bosgraaf L, Livni N, Grant AD, Grisaru D, Korner M, Ebstein RP, Soreq H. A transcription-activating polymorphism in the ACHE promoter associated with acute sensitivity to anti-acetylcholinesterases. *Hum Mol Genet* 2000;9:1273-81.
52. Katz N and **Tur-Kaspa I**. Cytoplasmic maturity of metaphase II human oocytes: Biologic importance and clinical implication for In Vitro Fertilization. *Reprod Technol* 2000;10:170-73.
53. Gleicher N, Oleske DM, **Tur-Kaspa I**, Vidali A, Karande V. Reducing the risk of high-order multiple pregnancy after ovarian stimulation with gonadotropins. *N Engl J Med* 2000;343:2-7.
54. Carp H, Dolitzky M, **Tur-Kaspa I**, Inbal A. Hereditary thrombophilias are not associated with a decreased live birth rate in women with recurrent miscarriage. *Fertil Steril* 2002;78:58-62.
55. Revelli A, Ghigo D, Moffa F, Massobrio M, **Tur-Kaspa I**. Guanylate cyclase activity and sperm function. *Endocrine Reviews* 2002;23:484-94.
56. Sun F, Giojalas LC, Rovasio RA, **Tur-Kaspa I**, Sanchez R, Eisenbach M. Lack of Species-specificity in Mammalian Sperm Chemotaxis. *Develop Biol* 2003;255:423-27.
57. Bahat A, **Tur-Kaspa I**, Gakamsky A, Giojalas LC, Eisenbach M. Thermotaxis of mammalian sperm cells – a potential navigation mechanism in the female genital tract. *Nature Med* 2003;9:149-50.
58. Gemer O, Kapustian V, Kroll D, **Tur-Kaspa I**, Segal S. Can perioperative factors predict successful hysteroscopic endometrial ablation? *J Reprod Med* 2003;48:.
59. Rechitsky S, Kuliev A, **Tur-Kaspa I**, Morris R, Verlinsky Y. Preimplantation genetic diagnosis with HLA matching. *Reproductive BioMedicine Online* 2004, 9: 210–221.
60. Sun F, Bahat A, Gakamsky A, Girsh E, Katz N, Giojalas LC, **Tur-Kaspa I**, Eisenbach M. Human sperm chemotaxis: both the oocyte and its surrounding cumulus cells secrete sperm chemoattractants. Sun et al. *Hum. Reprod.* 2005; 20: 761-767.
61. Bahat A, Eisenbach M, **Tur-Kaspa I**. Periovulatory increase in temperature difference within the rabbit oviduct. *Hum Reprod*, 2005;20:2118-21.
62. Verlinsky y, **Tur-Kaspa I**, Cieslak J, Bernal B, Morris R, Taranissi M, Kaplan B, Kuliev A. Preimplantation testing for chromosomal disorders improves reproductive outcome of poor prognosis patients. *Reproductive BioMedicine Online* 2005; 11: 219–25.
63. Kuliev A, Rechitsky R, Verlinsky O, **Tur Kaspa I**, Kalakoutis G, Angastiniotis M, Verlinsky Y. Preimplantation diagnosis and HLA typing for haemoglobin disorders. *Reproductive BioMedicine Online* 2005;11:362-70.

64. Kuliev A, Rechitsky R, **Tur Kaspa I**, Verlinsky Y. Preimplantation genetics improving access to stem cell therapy. *Ann N.Y. Acad Sci* 2005; 1054:1-5.
65. Rechitsky S, Kuliev A, Sharapova T, Laziuk K, Ozen S, Barsky I, Verlinsky O, **Tur-Kaspa I**, Verlinsky Y. Preimplantation HLA typing with aneuploidy testing. *Reproductive BioMedicine Online* 2006;12: 89–100.
66. Kuliev A, Rechitsky S, Laziuk K, Verlinsky O, **Tur-Kaspa I**, Verlinsky Y. Pre-embryonic diagnosis for Sandhoff disease. *Reproductive BioMedicine Online* 2006;12:328–333.
67. Rabinson J, Orvieto R, Shapira A, Brownstein Z, Meltzer S, **Tur-Kaspa I**. Mullerian anomalies, hearing loss and Connexin 26 mutations. *Fertil Steril* 2006;85:1824-25.
68. Cieslak-Janzen J, **Tur-Kaspa I**, Ilkevitch Y, Bernal A, Morris R, Verlinsky Y. Multiple micromanipulations for PGD does not affect embryo development to blastocyst. *Fertil Steril* 2006, 85:1826-29.
69. **Tur-Kaspa I**, Gal M, Hartman M, Hartman J, Hartman A. A Prospective Evaluation of Uterine Abnormalities by Saline Infusion Sonohysterography (SIS) in 1009 Women with Infertility or Abnormal Uterine Bleeding. *Fertil Steril* 2006; 86:1731–35.
70. Verlinsky Y, Rechitsky S, Sharapova T, Laziuk K, Barsky I, Verlinsky O, **Tur-Kaspa I**, Kuliev A. Preimplantation diagnosis for immunodeficiencies. *Reproductive BioMedicine Online* 2007;14:214-223.
71. Zohav E, Orvieto R, Anteby EY, Segal O, Meltzer S, **Tur-Kaspa I**. Low endometrial volume may predict early pregnancy loss in women undergoing in vitro fertilization. *J Assist Reprod Genet* 2007; 24:259-61.
72. Munn S, Gianaroli L, **Tur-Kaspa I**, Magli C, Sandalinas M, Grifo J, Cram D, Kahraman S, Verlinsky Y, Simpson JL. Substandard application of preimplantation genetic screening may interfere with its clinical success. *Fertil Steril* 2007;88:781-84.
73. Revelli A, Dolfin E, Gennarelli G, Lantieri T, Massobrio M, Holte JG, **Tur-Kaspa I**. Low-dose acetylsalicylic acid plus prednisolone as an adjuvant treatment in IVF: a prospective, randomized study. *Fertil Steril* 2008;90:1685-91.
74. Coulam CB, Roussev RG, Lerner S, Zlatopolsky Z, Ilkevitch Y, **Tur-Kaspa I**. How to predict implantation? No correlation between embryonic aneuploidy and soluble HLA-G concentrations. *Fertil Steril* 2009;91:2408–13.
75. **Tur-Kaspa I**, Ezcurra D. GnRH antagonist, cetrorelix, for pituitary down-regulation in modern, patient-friendly assisted reproductive technology. *Expert Opinion on Drug Metabolism and Toxicology* 2009, in press (Invited Review).

Lectures and presentations at scientific meetings and invited seminars

1. **Tur-Kaspa I**, Granat M, Shenker JG, Zylber-Katz E. Inhibitory effect of colchicine on peritoneal adhesion formation in the rat: A comparative study. Xth World Congress of Gynecology and Obstetrics, October 1982, San Francisco, California, USA.
2. **Tur-Kaspa I**. The role of cilia in female fertility. The Annual Meeting of the Israel Society for Clinical Investigation, May 1986, Tel Aviv, Israel.
3. **Tur-Kaspa I**, Lurie M, Rabinovici J, Blankstein E, Serr DM, Mashiach S. Female infertility with the immotile-cilia syndrome. The Annual Meeting of the Israel Fertility Association, May 1987, Ashkelon, Israel.
4. **Tur-Kaspa I**, Dor J, Rudak E, Levran D, Nebel L, Serr DM, Mashiach S. Ovarian hyperstimulation syndrome complicating in-vitro fertilization and embryo transfer treatment. The Annual Meeting of the Israel Fertility Association, May 1987, Ashkelon, Israel.
5. Menashe Y, **Tur-Kaspa I**, Blankstein J, Mashiach S, Serr DM, Oelsner G. Ectopic pregnancy following treatment with human gonadotropins. The Annual Meeting of the Israel Fertility Association, May 1987, Ashkelon, Israel.
6. Oelsner G, **Tur-Kaspa I**, Pansky M, Rabinovitch O, Goldenberg M, Serr DM, Mashiach S. Salpingectomy via operative laparoscopy as a treatment for ectopic pregnancy. The Annual Meeting of the Israel Society of Obstetrics and Gynecology, December 1987, Tel-Aviv, Israel.
7. **Tur-Kaspa I**, Menashe Y, Segal P, Varon D, Gital S, Rabinovici J. The effect of long acting GnRH agonist (D-Trp6) on lipids and the coagulation - fibrinolytic system during treatment for uterine leiomyoma. The Annual Meeting of the Israel Fertility Association, April 1988, Jerusalem, Israel.
8. **Tur-Kaspa I**, Rabinovitch O, Goldenberg M, Serr DM, Oelsner G. Reproductive performance following Salpingectomy via operative laparoscopy or laparotomy and following conservative management of tubal pregnancy. The Annual Meeting of the Israel Fertility Association, April 1988, Jerusalem, Israel.
9. Rabinovici J, **Tur-Kaspa I**, Pariente C, Menashe Y, Lunenfeld B. The Effect of hCG levels on the function of the corpus luteum in induced cycles with hMG/hCG. The Annual Meeting of the Israel Fertility Association, April 1988, Jerusalem Israel.
10. Oelsner G, **Tur-Kaspa I**, Goldenberg M, Rabinovitch O, Mashiach S. Salpingectomy by operative laparoscopy for tubal pregnancy. The 44th Annual Meeting of the American Fertility Society, October 1988, Atlanta, Georgia.
11. **Tur-Kaspa I**, Confino E, Friberg J, Dudkiewicz AB, Gleicher N. A GnRH-agonist/hMG/hCG stimulation protocol for IVF increases pregnancy rates by widening the implantation window. The Annual Meeting of the Society for Gynecologic Investigation, March 1989, San Diego, California.

- 12. Tur-Kaspa I**, Dudkiewicz AB, Friberg J, Confino E, Logan RE, Gleicher N. Pooled sequential ejaculates - A way to increase total number of motile spermatozoa from oligozoospermic males. VI World Congress In-Vitro Fertilization and Alternative Assisted Reproduction, April 1989, Jerusalem, Israel.
- 13. Tur-Kaspa I**, Confino E, Zilberstein M, Friberg J, Dudkiewicz AB, Gleicher N. The implantation window and early pregnancy loss. International Meeting on Pregnancy Loss, April 1989, Tel Aviv, Israel.
- 14. Confino E, Tur-Kaspa I**, Friberg J, Gleicher N. Sonographic transcervical balloon tuboplasty. The 45th Annual Meeting of the American Fertility Society, November 11-16 1989, San Francisco, California.
- 15. Tur-Kaspa I**, Confino E, Logan RE, Myers SA, Dudkiewicz AB, Friberg J, Gleicher N. The effect of sequential ejaculation on total motile sperm counts in normozoospermic and oligozoospermic males. The 45th Annual Meeting of the American Fertility Society, November 11-16 1989, San Francisco, California.
- 16. Confino E, DeCherney A, Corfman R, Coulam C, Robinson E, Friberg J, Haas G, Katz E, Tur-Kaspa I, Vermesh M, Gleicher N.** Transcervical balloon tuboplasty: A multicenter study. The 45th Annual Meeting of the American Fertility Society, November 11-16, 1989, San Francisco, California.
- 17. Confino E, Tur-Kaspa I.** Opening pressure of normal and proximally obstructed fallopian tubes. The 45th Annual Meeting of the American Fertility Society, November 11-16, 1989, San Francisco, California.
- 18. Tur-Kaspa I**, Confino E, Dudkiewicz AB, Gleicher N. Antisperm antibodies and human in vitro fertilization. Tenth Anniversary Meeting of the American Society for the Immunology of Reproduction, May 1990, Chicago, Illinois, USA (Am J Reprod Immunol 1990;22:94-95).
- 19. Confino E, Tur-Kaspa I**, Gleicher N. Selective ultrasound-salpingography (S.U.S.). The 46th Annual Meeting of the American Fertility Society, October 13-18, 1990, Washington DC.
- 20. Confino E, Tur-Kaspa I**, Robinson E, Haas G, Katz E, Vermesh M, Gleicher N. Follow-Up of the Multicenter Transcervical Balloon Tuboplasty (T.B.T) Study. The 46th Annual meeting of the American Fertility Society, October 13-18, 1990, Washington, DC.
- 21. Tur-Kaspa I**, Hales DB. The role of macrophage secreted cytokines in leydig cell function. The Meeting of the Chicago Association of Reproductive Endocrinologists (CARE), April 1991, Chicago, Illinois.
- 22. Hales DB, Tur-Kaspa I**, Xiong Y. Specific and reversible inhibition of leydig cell P450-17 gene expression by interleukine-1. The International Symposium on A Molecular View of Steroid Biosynthesis and Metabolism, October 14-17, 1991, Jerusalem, Israel.
- 23. Confino E, Tur-Kaspa I**, Balloon adhesiolysis: a nonsurgical procedure to treat Asherman's syndrome. The 47th meeting of the American Fertility Society, October 19-24, 1991, Orlando, Florida.

- 24. Tur-Kaspa I**, Dudkiewicz AB, Colin AA, Gozal D, Gleicher N. Antisperm antibodies in men with cystic fibrosis. The Annual Meeting of the Israel of Fertility Association, March 3-4, 1992, Tel-Aviv, Israel.
- 25. Tur-Kaspa I**, Dor J, Schwartz M, Oelsner G, Mashiach S. Transcervical tubal catheterization (TTC) for the treatment of proximal tubal occlusion. The Annual Meeting of the Israel of Fertility Association, March 3-4, 1992, Tel-Aviv, Israel.
- 26. Oelsner G**, Bider D, Goldenberg M, Admon D, **Tur-Kaspa I**, Mashiach S. The management of the twisted ischemic adnexa by detorsion. The 48th Annual Meeting of the American Fertility Society, November 2-5, 1992, New Orleans, Louisiana, USA.
- 27. Tur-Kaspa I**, Maor Y, Yonish M, Levran D, Mashiach S, Dor J. The effect of sequential ejaculation on fertility potential of oligozoospermic and normozoospermic men. The Annual meeting of the Israel of Fertility Association, April 21-22, 1993, Tel-Aviv, Israel.
- 28. Tur-Kaspa I**, Mashiach S, Shani M, Shemer J. Transcervical tubal catheterization (TTC) procedures - implementation of a new medical technology. The 9th Annual Meeting of the International Society of Technology Assessment in Health Care, May 23-26, 1993, Sorrento, Italy.
- 29. Tur-Kaspa I**, Maor Y, Yonish M, Levran D, Mashiach S, Dor J. Are Oligospermia and/or asthenospermia treatable conditions? The 8th World Congress on In Vitro Fertilization and Alternate Assisted Reproduction, September 12-15, 1993, Kyoto, Japan (JARGE 1993;10:99).
- 30. Tur-Kaspa I**, Dor J, Oelsner G, Mashiach S. Transcervical tubal catheterization (TTC) for the diagnosis and treatment of proximal tubal occlusion. The 8th World Congress on In Vitro Fertilization and Alternate Assisted Reproduction, September 12-15, 1993 Kyoto, Japan.
- 31. Tur-Kaspa I**. Treatment of tubal occlusion via transcervical catheterization. ESHER Campus Workshop on Reproductive Medicine, November 9-11, 1993, Tel Aviv, Israel (Invited lecture).
- 32. Tur-Kaspa I**, Maor Y, Levran D, Yonish M, Mashiach S, Dor J. Infertile men who try to conceive: How often to have intercourse? The Annual meeting of the Israel fertility Association, May 1-3, 1994, Tel-Aviv, Israel.
- 33. Ozbonfil D**, Butbul G, Harari H, **Tur-Kaspa I**. Asymptomatic ureaplasma urealyticum in semen. The Annual meeting of the Israel fertility Association, May 1-3, 1994, Tel-Aviv, Israel.
- 34. Tur-Kaspa I**, Maor Y, Weissenberg R, Madgar I, Aderka D, Mashiach S, Wallach D. High levels of soluble p55 TNF receptors in seminal and prostatic fluids of normal and infertile men. The Annual meeting of the Israel Fertility Association, May 1-3, 1994, Tel-Aviv, Israel.
- 35. Tur-Kaspa I**, Bider D, Bittman G, Oelsner G, Mashiach S, Dor J. Transcervical tubal catheterization (TTC) for the diagnosis and treatment of proximal tubal occlusion. IXth

36. Cohen-Dayag A, **Tur-Kaspa I**, Dor , Mashiach S, Eisenbach M. Sperm capacitation in human is transient and correlates with chemotactic responsiveness. The Annual Meeting of the Israel Fertility Association, April 30 - May 2, 1995, Tel-Aviv, Israel.
37. **Tur-Kaspa I**. (Invited lecture) Sperm transport in men. Bat-Sheva Seminar on Physiological and Molecular Processes Leading to Fertilization in Mammals, April 6-11, 1997, Zichron Ya'acov, Israel.
38. **Tur-Kaspa I**, Bider D, Chetrit A, Dor J, Oelsner G, Mashiach S. Transcervical tubal catheterization (TTC) is the procedure of choice in the management of infertile women with proximal tubal occlusion (PTO). The Annual Meeting of the Israel Fertility Association, April 14-15, 1997, Herzelia, Israel.
39. **Tur-Kaspa I**, Yuval Y, Dor J, Kornbort N, Inbal A. Arg506Gln (APCR) and MTHFR thermolability mutation in women with ovarian hyperstimulation syndrome (OHSS). The Annual Meeting of the Israel Fertility Association, April 14-15, 1997, Herzelia, Israel.
40. **Tur-Kaspa I**, Seidman D, Dor J, Soriano D, Greenberg I, Bider D. Hysteroslappingogram (HSG) with a balloon catheter versus a rigid metal cannula: A prospective randomized blinded study. The Annual Meeting of the Israel Fertility Association, April 14-15, 1997, Herzelia, Israel.
41. **Tur-Kaspa I**, Yuval Y, Bider D, Levron J, Dor J. Difficult or repeated embryo transfers do not adversely affect pregnancy rates in IVF. 10th World Congress on In Vitro Fertilization and Assisted Reproduction, May 24-28, 1997, Vancouver, Canada.
42. **Tur-Kaspa I**, Bider D, Chetrit A1, Dor J, Oelsner G, Mashiach S. Transcervical Tubal Catheterization (TTC): An Experience with 330 Infertile Women With Proximal Tubal Occlusion. The Annual Meeting of the Israeli Fertility Association, April 26-29, 1998, Tel Aviv, Israel (Prize Paper).
43. **Tur-Kaspa I**, Achiron R, Aviram R, Caspi B, Eliyahu S, Gohar J, Har-Toov Y, Herman A, Jaffa A, Levitas A, Lewin A, Margalioth EJ, Meizner I, Rabinowich R, Shalev J, Shoham Z, Tepper R, Weiner Z, Weiraub Z, Weizman B, Yanai N, Yagel S. Hysterosalpingo contrast sonography (HyCoSy) with Echovist®-200 for tubal patency assessment: An Israeli multicenter study. The Annual Meeting of the Israeli Fertility Association, April 26-29, 1998, Tel Aviv, Israel.
44. **Tur-Kaspa I**, Grotto I, Reiner A4, Ashkenazi I, Mashiach S, Shemer J. The debate on the possible adverse events of 3rd generation OC and a decrease in its usage among young women in 1996. 13th Congress of the European Association of Gynaecologists and Obstetricians, May 11-14, 1998, Jerusalem, Israel.
45. Jaiswal BS, Eisenbach M, **Tur-Kaspa I**. Which inducers and probes should be used for testing partial or complete acrosome reaction in human sperm? ESHRE 14th Meeting, June 21-24, 1998, Goteborg, Sweden.

- 46. Tur-Kaspa I**, Bider D, Chetrit A1, Dor J, Oelsner G, Mashiach S. Transcervical Tubal Catheterization (TTC) should be recommended first for further diagnosis and treatment to all Infertile Women With Proximal Tubal Occlusion. The 16th World Congress on Fertility and Sterility and The 54th Annual Meeting of the American Society for Reproductive Medicine, October 4-9, 1998, San Francisco, California, USA.
- 47. Tur-Kaspa I**, Grotto I, Reiner A4, Ashkenazi I, Mashiach S, Shemer J. The prevalence and incidence of oligomenorrhea and amenorrhea in young healthy women: A prospective study of 55,858 women months. The 16th World Congress on Fertility and Sterility and The 54th Annual Meeting of the American Society for Reproductive Medicine, October 4-9, 1998, San Francisco, California, USA.
- 48. Tur-Kaspa I**, Segal S, Katz N, Pinchasov M, Chovitz M, Shults A, Meltser S. Day 3 embryos: which one will become a blastocyst? The 11th World Congress on In Vitro Fertilization and Human Reproductive Genetics, May9-14, 1999, Sydney, Australia.
- 49. Tur-Kaspa I**, Shalgi R, Kraitzer R, Segal S, Inbal A. Factor XIII may prevent early Pregnancy loss. The 11th World Congress on In Vitro Fertilization and Human Reproductive Genetics, May9-14, 1999, Sydney, Australia.
- 50. Pinchasov M, Katz N, Hovitz M, Meltcer S, Tur-Kaspa I.** Zygotes with 3 pronuclei after ICSI can develop to blastocyst. The annual meeting of the Israel Fertility Association (P34), April 14-15, 1999, Netania, Israel.
- 51. Katz N, Segal S, Hovitz M, Pinchasov M, Meltcer S, Tur-Kaspa I.** Cytoplasmic characteristics of metaphase II oocytes: Predictor for ICSI results. The annual meeting of the Israel Fertility Association (P50), April 14-15, 1999, Netania, Israel.
- 52. Tur-Kaspa I, Segal S, Katz N, Pinchasov M, Hovitz M, Shultz A, Meltcer S.** The potential of day 3 embryos to develop into blastocyst- a prospective study. The annual meeting of the Israel Fertility Association (P53), April 14-15, 1999, Netania, Israel.
- 53. Tur-Kaspa I, Segal S, Katz N, Pinchasov M, Hovitz M, Shultz A, Meltcer S.** Day 3 embryos - which one will become a blastocyst? The 11th world congress on in vitro fertilization and human reproduction genetics. May 9-14, 1999, Sydney, Australia.
- 54. Tur-Kaspa I, Segal S, Katz N, Pinchasov M, Hovitz M, Shultz A, Meltcer S.** Abnormal features of MII human oocytes and following embryonic development. The international congress on Reproductive medicine, Obstetrics & Gynecology, April 11-14, 2000, Tel-Aviv, Israel.
- 55. Tur-Kaspa I, Segal S, Katz N, Pinchasov M, Hovitz M, Itsykson P, Shultz A, Meltcer S.** IVF Outcome following short and long sperm exposure of the oocytes. The international congress on Reproductive medicine, Obstetrics & Gynecology, April 11-14, 2000, Tel-Aviv, Israel.
- 56. Tur-Kaspa I, Polishuk A, Rosensaft N, Meltcer S, Strassburger D, Segal S, Gelman-Kohan Z.** A Human egg with a Y chromosome. The 16 annual meeting of the European Society of Human Reproduction and Embryology, June 25-28, 2000 Bologna, Italy.

- 57. Tur-Kaspa I, Segal S, Katz N, Pinchasov M, Meltcer S.** Cytoplasmic Maturity of MII Oocytes and Human In Vitro Fertilization. The 56 annual meeting of the American Society for Reproductive Medicine, October 21-26, 2000, San Diego, CA.
- 58. Zohav E, Segal O, Meltcer S, Segal, Tur-Kaspa I.** 3D endometrial and uterine volume change during IVF treatment with GnRH antagonist. The 17 annual meeting of the European Society of Human Reproduction and Embryology, July 1-4.2001, Lausanne.
- 59. Tur-Kaspa I, Meltcer S, Pinchasov M, Katz N, Ben-Yair E, Segal S.** GnRH antagonist vs GnRH agonist is women's age a factor in choosing the appropriate protocol for IVF. The 17 annual meeting of the European Society of Human Reproduction and Embryology, July 1-4.2001, Lausanne.
- 60. Zohav. E, Segal S, Meltcer S, Segal O, Tur-Kaspa I.** The effect of age on the uterus- three-dimensional study of endometrial and uterine Volumes of infertile women. The 57 annual meeting of the American Society for Reproductive Medicine, October 20-25, 2001, Orlando, FL.
- 61. Tur-Kaspa I, Zohav E, Segal O, Meltcer S, Segal S.** Three-dimensional endometrial and uterine Volumes changes during induction of ovulation for IVF-GnRH antagonist vs GnRH agonist protocols. The 57 annual meeting of the American Society for Reproductive Medicine, October 20-25,2001, Orlando, FL.
- 62. Tur-Kaspa I, Y. Verlinsky, N. Gleicher, J. Cieslak, Meltcer S, Z. Gelman-Kohan.** Human oocytes with Y chromosome can exclude it to the 1st polar body. The 57 annual meeting of the American Society for Reproductive Medicine, October 20-25,2001, Orlando, FL.
- 63. Zohav E, Segal O, Meltcer S, Kroll D, Segal S, Tur-Kaspa I.** Three-dimensional Hysterosonography (3D-HSG) is comparable to hysteroscopy For diagnosing abnormal intrauterine findings in infertile women. The 57 annual meeting of the American Society for Reproductive Medicine, October 20-25,2001, Orlando, FL.
- 64. Tur-Kaspa I, Maor Y, Meltcer S, Segal S.** Differences in health related quality of life between men and women undergoing IVF treatment. The 57 annual meeting of the American Society for Reproductive Medicine, October 20-25,2001, Orlando, FL..
- 65. Maor Y, Mozes B, Meltcer S, Segal S, Olmer L, Tur-Kaspa I.** Is there a difference in health related quality of life between men and women undergoing IVF treatment? The annual meeting of the Israel Fertility Association (P24), May 30-31, 2001Tel-Aviv, Israel.
- 66. Meltcer S, Pinchasov M, Zohav E, Katz N, Ben-Yair E, Itsykson P, Segal S, Tur-Kaspa I.** GnRH antagonist or GnRH agonist for art for women >35 years old. The annual meeting of the Israel Fertility Association (P27), May 30-31, 2001Tel-Aviv, Israel.
- 67. Ben-Yair E, Katz N, Pinchasov M, Meltcer S, Itsykson P, Segal S, Tur-Kaspa I.** Once ICSI should not be always an ICSI. The annual meeting of the Israel Fertility Association (P28), May 30-31, 2001Tel-Aviv, Israel.
- 68. Zohav E, Meltcer S, Segal O, Segal s, Tur-Kaspa I.** Three-dimensional (3D) uterine response to different art treatment protocols-GnRH agonist vs GnRH antagonist. The annual meeting of the Israel Fertility Association (P46), May 30-31, 2001Tel-Aviv, Israel.

- 69.**Zohav E, Segal O, Meltcer S, Segal s, **Tur-Kaspa I.** Three-dimensional evaluation of the aging uterus of infertile women. The annual meeting of the Israel Fertility Association (P89), May 30-31, 2001Tel-Aviv, Israel.
- 70.****Tur-Kaspa I,** Y. Verlinsky Y, Polishuke A, Gleicher N, Cieslak J, Meltcer S, Segal S, Gelman-Kohan Z. Human oocytes with Y chromosome-IVF and PGD. The annual meeting of the Israel Fertility Association (P93). May 30-31, 2001Tel-Aviv, Israel.
- 71.**Zohav E, Segal O, Meltcer S, Rabinson. J, Segal s, **Tur-Kaspa I.** 3D ovarian changes during the fertility period-from age 20 to 45 years old. The Annual of the Israel Fertility Association (p12) April 10-11, 2002 Tel-Aviv, Israel.
- 72.**Rabinson. J, Ben-Yair E, Girsh E, Meltcer S, Shults A, Segal S, **Tur-Kaspa I.** Early cleavage of human embryos to the 2-cell stage as a predictor for successful art outcome. The annual meeting of the Israel Fertility Association (p30) April 10-11, 2002 Tel-Aviv, Israel.
- 73.****Tur-Kaspa I,** Meltcer S, Segal O, Rabinson. J, Shults A, Segal s, Zohav E. IVF treatment with GnRH antagonist vs GNRH agonist: 3-D endometrial volume and uterine changes. The annual meeting of the Israel Fertility Association (p26) April 10-11, 2002 Tel-Aviv, Israel.
- 74.**Rabinson J, Shapira A, Zohav E, Meltcer S, Mosscovi O, Segal S, **Tur-Kaspa I.** Women with mullerian anomalies may have unrecognized sensorneuronal hearing loss. The annual meeting of the Israel Fertility Association (p74) April 10-11, 2002 Tel-Aviv, Israel.
- 75.**Segal S, Shults A, Zohav E, Meltcer S, Rabinson J, Gemer O, **Tur-Kaspa I.** Y Chromosome deletions in male infertility. The annual meeting of the Israel Fertility Association (p78) April 10-11, 2002 Tel-Aviv, Israel.
- 76.****Tur-Kaspa I,** Meltcer S, Segal O, Rabinson J, Shults A, Segal S, Zohav E. Three-dimensional endometrial volume and uterine changes during assisted reproduction treatment with GnRH antagonist versus agonist. 18 annual meeting of the European Society of Human Reproduction and Embryology, O-051, July 1-3, 2002, Vienna, Austria.
- 77.**Meltcer S, Girsh E, Shults A, Katz N, Zohav E, **Tur-Kaspa I.** Prevention of ovarian hyperstimulation syndrome in high responders undergoing IVF treatment with GnRH antagonist combined with single dose of GnRH agonist, instead of hCG, for the induction of oocyte maturation. 18 annual meeting of the European Society of Human Reproduction and Embryology, O-258, July 1-3, 2002, Vienna, Austria.
- 78.**Zohav E, Rabinson J, Segal O, Meltcer S, Segal S, **Tur-Kaspa I.** 3-D Ultrasound and mullerian anomalies. The annual meeting of the Israel Society of Ultrasound in Obstetric & Gynecology (p10), October 23-24, 2002.
- 79.****Tur-Kaspa I,** Segal O, Meltzer S, Rabinson J, Segal S, Zohav E. 3-D endometrial volume on the day of ET and IVF outcome. The 58 annual meeting of the American Society for Reproductive Medicine, October 20-25, 2002, Seattle, WA.
- 80.****Tur-Kaspa I,** Moscovici O, Meltzer S, Peled R, Rabinson J, Segal S. Transcervical tubal catheterization (TTC) is the treatment of choice for infertile women with proximal tubal

obstruction – An experience with 1010 fallopian tubes. The 58 annual meeting of the American Society for Reproductive Medicine, October 20-25, 2002, Seattle, WA.

- 81. Tur-Kaspa I,** Girsh E, Rabinson J, Zohav E, Segal S, Meltzer S. Different doses of GnRH antagonist (Cetrorelix) and IVF outcome. The 58 annual meeting of the American Society for Reproductive Medicine, October 20-25, 2002, Seattle, WA.
- 82. Tur-Kaspa I,** Rabinson J, Pinchasov M, Girsh E, Segal S, Meltzer S. The impact of transferring 2 instead of 3 embryos on IVF outcome. The annual meeting of the Israel Fertility Association April 14-15, 2003, Tel-Aviv, Israel.
- 83. Rabinson J, Avraham KB, Brownstein, Z, Shapira A, Zohav E, Meltzer S, Segal S, Tur-Kaspa I.** Is there a genetic cause for mullerian anomalies? Connexin 26 gene mutations, hearing loss, and uterine anomalies. The annual meeting of the Israel Fertility Association, April 14-15, 2003, Tel-Aviv, Israel.
- 84. Tur-Kaspa I.** (Invited Speaker) Pregnancy rates of IVF with PGD for single gene disorders. Fifth International Symposium on Preimplantation Genetics, June 5-7, 2003, Antalya, Turkey.
- 85. Tur-Kaspa I.** (Invited Speaker). Evaluation of sperm DNA prior to Preimplantation Genetic Diagnosis (PGD). IV Argentine Congress in Andrology, September 19-21, 2003, Mar del Plata, Argentina.
- 86. Tur-Kaspa I.** (Invited Speaker). 3D ultrasound of the uterus and endometrium and ART outcome. The 59 annual meeting of the American Society for Reproductive Medicine, October 11-16, 2003, San Antonio, TX.
- 87. Tur-Kaspa I.** (Invited Speaker). Modern Transcervical Imaging Techniques for the Diagnosis and Treatment of Tubal Obstruction. The 59 annual meeting of the American Society for Reproductive Medicine, October 11-16, 2003, San Antonio, TX.
- 88. Tur-Kaspa I.** (Invited Speaker). Endometrial imaging and ART outcome. The 59 annual meeting of the American Society for Reproductive Medicine, October 11-16, 2003, San Antonio, TX.
- 89. Tur-Kaspa I.** (Invited Speaker). Does the introduction of GnRH Antagonists represent a revolution in ovarian stimulation protocols in ART? 2nd World Congress of World Association of Reproductive Medicine. Rome, Italy, May 6-9, 2004.
- 90. Tur-Kaspa I.** (Invited Speaker). Indications for prenatal and preimplantation genetic diagnosis. The Chicago area schools of medicine Obstetrics & Gynecology review course. Chicago, IL, June 7-11, 2004.
- 91. Tur-Kaspa I.** (Invited Speaker). Endometrial response to hormonal stimulation and ART outcome. The 60 annual meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PA.
- 92. Tur-Kaspa I,** Cieslak J, Morris R, Bernal A, Taranissi M, Kuliev A, Verlinsky Y. Preimplantation Genetic Diagnosis (PGD) for aneuploidy significantly improves ART and pregnancies outcome. The 60 annual meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PA.

- 93. Tur-Kaspa I, Hartman M, Hartman J, Hartman A.** The prevalence of intracavitary and intramural uterine abnormalities: a prospective study of 1009 consecutive women. The 60 annual meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PN.
- 94. Tur-Kaspa I, Cieslak J, Ilkevitch N, Rechitsky S, Bernal A, Verlinsky Y.** The fate of frozen/thawed embryos derived from cycles with preimplantation genetic diagnosis. The 60 annual meeting of the American Society for Reproductive Medicine, October 16-20, 2004, Philadelphia, PN.
- 95. Tur-Kaspa I, Cieslak J, Kuliev A, Taranissi M, Morris R, Verlinsky Y.** PGD for aneuploidy or for chromosomal translocation significantly improves ART and pregnancies outcome. The 6th International Symposium on Preimplantation Genetics, 19-21 May 2005 London.
- 96. Tur-Kaspa I.** (Invited Speaker). Clinical outcome of PGD. 13th World Congress On In Vitro Fertilization, Istanbul, Turkey, May 26-29, 2005.
- 97. Tur-Kaspa I.** (Invited Speaker). 3D US for evaluation of infertility. 13th World Congress On In Vitro Fertilization, Istanbul, Turkey, May 26-29, 2005.
- 98. Tur-Kaspa I.** (Invited Speaker). Indications for prenatal and preimplantation genetic diagnosis. The Chicago area schools of medicine Obstetrics & Gynecology review course. Chicago, IL, June 13-17, 2005.
- 99. Tur-Kaspa I.** (Invited Speaker). 3D ultrasound of the ovaries and uterus. The Second World Congress on In Vitro Maturation, Montreal, Canada, October 14, 2005.
- 100. Tur-Kaspa I, Horwitz A, Ginsberg N, Cieslak J, Rechitsky S, Kuliev A., Verlinsky Y.** Clinical outcome of PGD. Conjoint annual meeting of the American Society of Reproductive Medicine and the Canadian Fertility and Andrology Society, ASRM/CFAS 2005, Montreal, Quebec, Canada. October 16-20, 2005. *Fertil Steril* (suppl) 2005;84:99.
- 101. Tur-Kaspa I.** (Invited Speaker). 3D US and ART outcome. Post Graduate Course at the Conjoint annual meeting of the American Society of Reproductive Medicine and the Canadian Fertility and Andrology Society, ASRM/CFAS 2005, Montreal, Quebec, Canada. October 16-20, 2005.
- 102. Tur-Kaspa I.** (Invited Speaker). Genetics of human eggs. Asia Pacific Congress on Egg Donation and Third Party Reproduction, Pondicherry, India, November 24-27, 2005.
- 103. Tur-Kaspa I.** (Invited Speaker). Bank of frozen eggs. Asia Pacific Congress on Egg Donation and Third Party Reproduction, Pondicherry, India, November 24-27, 2005.
- 104. Tur-Kaspa I, Goldberg-Bittman L, Bahat A, Eisenbach M.** Natural sperm separation technique by thermotaxis for ART. The 22nd Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Prague, Czech Republic, June 18-21, 2006.
- 105. Tur-Kaspa I.** (Invited Speaker). Endometrial imaging and better ART outcome. Post Graduate Course at The 62 annual meeting of the American Society for Reproductive Medicine, New Orleans, LA, October 20-25, 2006.

- 106.Tur-Kaspa I**, Rechitsky S, Aljadeff G, Grotjan E, Verlinsky Y. Preimplantation Genetic Diagnosis (PGD) for all Cystic Fibrosis (CF) carrier couples: Strategy and cost analysis. The 62 annual meeting of the American Society for Reproductive Medicine, New Orleans, LA, October 20-25, 2006; Fertil Steril 2006 (suppl);86): S59.
- 107.Tur-Kaspa I.** (Invited Speaker). PGD for Infertility: Polar Body Testing. 3rd Biennial Review of Preimplantation Embryology. Rio Grande, Puerto Rico, January 3-7, 2007.
- 108. Tur-Kaspa I.** (Invited Speaker). Preimplantation Genetic Diagnosis (PGD): To Do or Not To Do? The Genetic Task Force of Illinois and the Illinois Department of Public Health Symposium. Maywood, IL, February 23, 2007.
- 109.Tur-Kaspa I**, Bernal A, Rechitsky S, Kuliev A, Verlinsky Y. Clinical outcome of IVF-PGD for single gene disorders and/or HLA: Is there a magic number of oocytes to start with? The annual meeting of the PGD International Society, Melbourne, Australia, June 13-15, 2007.
- 110.Tur-Kaspa I.** (Invited Speaker). Uterine and ovarian 3D imaging and ART outcome. 14th World Congress on IVF, Montreal, Canada, September 15-19, 2007.
- 111.Tur-Kaspa I**, Bernal A, Rechitsky S, Kuliev A, Verlinsky Y. Individually adjusted ovarian stimulation based on estimated ovarian reserve improves clinical outcome of IVF-PGD for single gene disorders. 14th World Congress on IVF, Montreal, Canada, September 15-19, 2007.
- 112.Tur-Kaspa I**, Katz N, Kuznyetsova I, Verlinsky Y. Does IVF with PGD and blastocyst transfer affect offspring's sex-ratio? The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007. Fertil Steril 2007 (suppl); 88:S235.
- 113.Coulam CB**, Roussev RG, Lerner S, Verlinsky Y, **Tur-Kaspa I.** Correlation between preimplantation genetic diagnosis results and soluble HLA G concentrations in embryo culture media. The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007. Fertil Steril 2007 (suppl); 88:S234.
- 114.Tur-Kaspa I**, Bernal A, Tkachenko N, Pawlovska J, Rechitsky S, Verlinsky Y. To PGD or not to PGD: is there a magic number of oocytes to start with? The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007. Fertil Steril 2007 (suppl); 88:S231-32.
- 115.Tur-Kaspa I.** (Invited Speaker). Optimizing ovarian stimulation and ET for IVF-PGD cycle. Post Graduate Course on PGD at The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007.
- 116.Tur-Kaspa I.** (Invited Speaker). Expanding indications for PGD. Post Graduate Course on PGD at The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007.
- 117.Tur-Kaspa I.** (Invited Speaker). PGD for advanced maternal age. Post Graduate Course on PGD at The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007.

- 118.Tur-Kaspa I**, Gal M, Horwitz A. Genetics and health of children born from cryopreserved oocytes. The 63 annual meeting of the American Society for Reproductive Medicine, Washington DC, October 13-17, 2007. *Fertil Steril* 2007 (suppl); 88:S.
- 119.Tur-Kaspa I.** (Invited Speaker). The Role of Chemotaxis and Thermotaxis in Human Reproduction. World Congress on Fallopian Tube, Endoscopy, Ultrasound, and ART. Kolkata, India, 18-21 October, 2007.
- 120.Tur-Kaspa I.** (Invited Speaker). Minimally Invasive Transcervical Procedures for Tubal Infertility. World Congress on Fallopian Tube, Endoscopy, Ultrasound, and ART. Kolkata, India, 18-21 October, 2007.
- 121.Tur-Kaspa I.** (Invited Speaker). Optimization of ovarian stimulation for PGD. 8th International Symposium on Preimplantation Genetic Diagnosis, Barcelona, Spain, April 23–26. 2008.
- 122.Tur-Kaspa I.** (Invited Speaker). Clinical Outcome of PGD. 8th International Symposium on Preimplantation Genetic Diagnosis, Barcelona, Spain, April 23–26. 2008.
- 123.Tur-Kaspa I.** Cohen A., Tkachenko N, Fowler M., Bernal A., Verlinsky Y. GnRH antagonist (Cetrotide) instead of agonist to prepare recipients for embryo transfer: a prospective, randomized, controlled trial. 24th Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Barcelona, Spain, July 6-9, 2008.
- 124.Tur-Kaspa I** (Invited Speaker). Optimization of ovarian stimulation for IVF with PGD. The 4th Congress of the World Association of Reproductive Medicine, Guadalajara, Mexico, September 23-26, 2008 (*Reproductive BioMedicine Online*, 17:Suppl. 2, September 2008)
- 125..Tur-Kaspa, I.** Bernal A., Tkachenko N, Kuliev A, Zlatopolsky Z, Verlinsky Y. Does ovarian stimulation protocol for IVF and number of oocytes retrieved affect embryos' aneuploidy rate? The 64 annual meeting of the American Society for Reproductive Medicine, San Francisco, CA, November 7-12, 2008. *Fertil Steril* 2008 (suppl); 90:s309.
- 126.Tur-Kaspa I.** Cohen A., Tkachenko N, Fowler M., Bernal A., Verlinsky Y. GnRH antagonist (Cetrotide) instead of agonist to prepare recipients for embryo transfer: a prospective, randomized, controlled trial. The 64 annual meeting of the American Society for Reproductive Medicine, San Francisco, CA, November 7-12, 2008. *Fertil Steril* 2008 (suppl); 90:s382.
- 127.Tur-Kaspa I** (Invited Speaker). Endometrial imaging and ART outcome. 15th World Congress on IVF and 4th World Congress on IVM, Geneva, Switzerland, April 19-22, 2009.
- 128.Tur-Kaspa I** (Invited Speaker). Pharmacological Regiments for Uterine Preparation for Embryo Transfer. 15th World Congress on IVF and 4th World Congress on IVM, Geneva, Switzerland, April 19-22, 2009.
- 129.Tur-Kaspa I** (Invited Speaker). PGD in ART. Pre-congress Workshop, the 9th International Conference on Preimplantation Genetic Diagnosis (PGD), Miami, April 23-25, 2009.

Grand Rounds

1. September 3, 2004, Dept. of OB/GYN, The University of Chicago: Preimplantation Genetics Diagnosis (PGD).
2. October 12, 2004, Dept. of OB/GYN, Illinois Masonic Hospital, Chicago: 3D ultrasound in Reproductive Medicine.
3. November 9, 2007, Dept. of OB/GYN, University of Illinois at Chicago: Clinical Outcome of Preimplantation Genetics Diagnosis (PGD).
4. November 21, 2007, Center for Genetic Medicine, Northwestern University: PGD for Single Gene Disorders: Clinical Outcome and Cost Benefit Analysis.
5. March 13, 2008, The Jones Institute for Reproductive Medicine, Norfolk, Virginia: Clinical Outcome of PGD.
6. January 9, 2009, Dept. of OB/GYN, St Josef Hospital, Chicago: Hysterosonography in Reproductive Medicine.
7. February 2, 2009, Dept. of OB/GYN, John H. Stroger, Jr. Cook County Hospital: Reproductive Imaging.