



CURRICULUM VITAE

RICARDO H.ASCH SCHUFF

I. CURRENT POSITIONS

INMATER- Instituto Mexicano de Alta Tecnología Reproductiva - Scientific Director - 2012 to present.

PROCREARTE-Red de Medicina Reproductiva y Molecular - Scientific Director - 2006 – 2011.

MINISTERIO DE SALUD PROVINCIA DE BUENOS AIRES, ARGENTINA - Advisor to the Minister - 2012 to present.

II. EDUCATION

Fellowship	Obstetrics and Gynecology 1976 – 1978	Center for Research & Training in Reproductive Biology University of Texas Health Science Center. San Antonio, Texas.
	Endocrinology 1975 – 1976	Medical College of Georgia. Augusta, Georgia. USA
	Biology of Reproduction 1970- 1972	Center for Studies on Human Reproduction University of Buenos Aires. Buenos Aires, Argentina.
Residency	Obstetrics and Gynecology 1972 – 1975	University of Buenos Aires Buenos Aires, Argentina.
Medical School	Medical Doctor 1971	University of Buenos Aires Buenos Aires, Argentina.
Undergraduate	B.S. 1965	National College N°. 3 Buenos Aires, Argentina.
Languages	English	Fluent speaking, reading, writing.
	Spanish	Fluent speaking, reading, writing.
	Portuguese	Fluent speaking, reading, writing.
	Italian	Fluent speaking, reading, writing.
	French	Fluent speaking, reading, writing.



III. MEDICAL LICENSURE

USA	California	A 45951	1986
	Texas	F 1349	1977 (FLEX)
Argentina		39501	1971
México		2355014	1996
Italy		University of Pisa, Italy	2000

Colegio de Médicos de la Provincia de Buenos Aires – 2012.



IV. BOARD CERTIFICATION

1984 Reproductive Endocrinology, American Board of Obstetrics and Gynecology

1982 The American College of Obstetricians and Gynecologist - FELLOW

1981 Diplomate, American Board of Obstetrics and Gynecology (ABOG ID #17784)

1978 The Texas State Board of Medical Examiners

1977 Federation of License Examinations (FLEX)

1971 Education Council for Foreign Medical Graduates (ECFMG) (1775535)



V. ACADEMIC APPOINTMENTS

1995	Professor Developmental Biology Center University of California, Irvine
1992 – 1996	Endowed Chair in Reproductive Biology Department of Obstetrics and Gynecology University of California, Irvine College of Medicine.
1990 – 1996	Assistant Dean for Student and Resident Outreach University of California, Irvine College Medicine
1994 to present	Honorary Professor Department of Obstetrics and Gynecology University of Genoa Genoa, Italy
1993 – 1996	Clinical Professor Department of Reproductive Medicine University of California, San Diego School of Medicine
1986 – 1996	Professor Department of Obstetric and Gynecology University of California, Irvine College of Medicine
1982 – 1986	Professor Department of Obstetrics and Gynecology University of Texas Health Science Center San Antonio, Texas
1982 – 1986	Chief Division of Human Reproduction University of Texas Health Science Center San Antonio, Texas
1981 – 1986	Jane and Roland Blumberg Professor Department of Obstetric and Gynecology University of Texas Health Science Center San Antonio, Texas.
1981 – 1984	Associate Professor Department of Obstetric and Gynecology University of Texas Health Science Center San Antonio, Texas



Asch Reproductive Technology

- 1980 – 1986 Director, Clinical Research
Department of Obstetric and Gynecology
University of Texas Health Science Center
San Antonio, Texas

- 1978 – 1971 Assistant Professor
Department of Obstetric and Gynecology
University of Texas Health Science Center
San Antonio, Texas



VI. NON-ACADEMIC APPOINTMENTS

- | | |
|-----------------|---|
| 2008 to Present | Director
Comité de Bioética
Procreate
Buenos Aires, Argentina |
| 1990 – 1995 | Director
UCI Center for Reproductive Health |
| 1990 – 1995 | Program Director
American Board of Obstetrics and Gynecology
Fellowship Training Program
University of California, Irvine College Medicine |
| 1986 – 1990 | Director
UCI – AMI Center for Reproductive Health
Garden Grove, California |



VII. PROFESSIONAL ACTIVITY

1. Award and Honors

5/ 2004	CECOLFES – Centro Colombiano de Fertilidad y Esterilidad Miembro Honorario Internacional.
10/2003	APART- FIRST AWARD TO WINNER OF BEST PAPER PRESENTED Miembro Honorario Internacional.
7/2000	Evaluación Tubaria en mujeres infértiles mediante salpingosonografía y levovist (sus-levovist) vs. laparoscopia y cromopertubación (L-Scope – Cromopertubación) Macedo E, Stern JJ, Chanona JC, Asch RH, Vazquez ME y Gutierrez Najjar A. Segundo lugar de trabajo electrónico. Federación Mexicana de Radiología e Imagen, AC. Mexico DF.
4/95	Wyeth-Ayerst Award: Primary author. Stages of arrest of human fertilization: microtubule and DNA imaging studies. Presented at 43 rd Annual Meeting of the Pacific Coast Fertility Society, San Diego, CA, April 26-30, 1995.
1/95	Invited Lecturer for First Professor V.N. Shirodkar Memorial Lecture. MESA + IVFF/ICSI. International Congress on Infertility and Transvaginal Sonography, Bombay, India, January 15, 1995.
12/94	Professor Laurea Honoris Causa. University of Genova, Italy, December 2, 1994.
12/94	Honorary Professor, Department of Obstetrics and Gynecology University of Genoa. Genoa-Italy



6/94	Gold Medal Award: Presented at the Associazione Ostetrici Ginecologia Osperdalieri Italiani, Naples, Italy.
4/94	Reconized by THE CALIFORNIA CHICANO LATINO MEDICAL STUDENT ASSOCIATION for this outstanding contributions to the Chicano/Latino community presented April 16, 1994.
4/94	Wyeth-Ayerst Award: Co-author: Detection of Differential Gene Expression of LH/hCG Receptor in Human Corpus Luteum. Presented at the 42nd Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA April 20-24, 1994.
4/94	TAP Poster Award: Co-author: Microtubule Dynamics in Mature Human Oocytes: Presented at the 42nd Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA April 20-24, 1994.
4/94	UCI Alumni Association Lauds & Laurels Award for Professional Achievement. Presented at the UCI Crystal Cove Auditorium, April 30, 1994.
1/94	THE BEST DOCTORS IN AMERICA: Named as one of 37 doctors from Orange County as the “Best Doctors in America” in the book of the same name.
4/93	Wyeth-Ayerst Award: Co-author; Lutropin receptor antibodies in premature ovarian failure. Presented at the 41th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA April 14-18, 1993.
1/93	THE BEST DOCTORS IN AMERICA: Named as one of 37 doctors from Orange County as the “Best Doctors in America” in the book of the same name.



8/92	Colegio de Ginecólogos y Obstetras del Estado de Puebla- SOCIO HONORARIO.
6/92	UCI 1992 DIVERSITY AWARD for recognition of outstanding efforts to enhance diversity and multiculturalism. Presented at the Fifteenth Annual Honors Convocation, Bren Events Center, June 12, 1992.
4/92	Recognized by THE CHICANO LATINO MEDICAL STUDENT ASSOCIATION for this outstanding contributions and dedication to CMSA. Presented April 11, 1992.
4/92	Wyeth-Ayerst Award: Co-author; Congenital absence of the vas deferences and cystic fibrosis: strong evidence for a common genetic background. Presented at the 40 th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA April 8-12, 1992.
4/92	TAP Poster Award: Transmyomerial embryo transfer: the Towako Method – Experience of the 104 cases. Presented at the 40 th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA April 8-12, 1992.
12/91	THE BEST DOCTORS IN AMERICA: Named as one of 26 doctors from Orange County as the “Best Doctors in America” in the book of the same name.
10/91	HISPANIC BUSINESS: Named as one of the top 100 influentials in the nation; October; 1991 issue.
8/91	PROFESSOR HONORIS CAUSA: University of Buenos Aires, Buenos Aires, Argentina. Presented August 30, 1991, Buenos Aires, Argentina.



- 4/91 **Wyeth Laboratory Award:** Assisted Reproductive Techniques in Women Over 40 Years of Age: IVF, GIFT, ZIFT, EGG DONATION: Is There a Best Alternative? Presented at the 39th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 10-14, 1991.
- 4/91 **SERONO IN TRAINING:** Second Prize: Embryo Implantation Rates in Stimulated and Hormonal Replacement Cycles; Uterine Versus Tubal Transfers. Presented at the 39th Annual Meeting of the Pacific Coast Fertility Society; Indian Wells, CA 10-14, 1991.
- 3/91 Asociación Poblana de Ginecología y Obstetricia, A.C.- MIEMBRO HONORARIO
- 12/90 **VII CONGRESO DE ESTERILIDAD Y FERTILIDAD ORGANIZADO POR LA SOCIEDAD ARGENTINA DE ESTERILIDAD Y FERTILIDAD: 1st Place Award:** Asociación de Ginecología y Obstetricia De La República Argentina, Poster Presentation: Producción de Progesterona De Las Células De Granulosa Humana. Su Regulación Hormonal y Correlación Con Los Niveles Hormonales Del Fluido Folicular; Presented at the Simposio Internacional De LH-RH Y Análogos En Reproducción Humana; en Buenos Aires, Argentina, December 12-14, 1990.
- 10/90 **Barbara Eck Menning Award, RESOLVE:** 46th Annual Meeting of the American Fertility Society as part of the National Infertility Awareness Week 1990. October 13, 1990.
- 4/90 **Second Place Award Poster Presentation, TAP:** 38th Annual Meeting of the Pacific Coast Fertility Society: Non-surgical expulsion of non-viable early pregnancy: A new application of RU486. April 25-29, 1990.
- 2/90 **First Place Special Award:** Annual Meeting of the Israel Fertility Society: Micromanipulation of Gametes Using Laser Microbeams. February 1-2, 1990.
- 11/89 **Winner, Poster Presentation:** 45th Annual Meeting of the American Fertility Society: The Significance of Early Fetal Cardiac Motion (CM) on Pregnancy Outcome. November 13-16, 1989.
- 11/89 **Special Merit Award (Basic Science Category), Co-winner-Movie:** 45th Annual Meeting of the American Fertility Society: Micromanipulation of sperm by a Laser Generated Optical Trap. November 13-16, 1986.



4/89

Practicing Physician Award: 37th Annual Meeting of the Pacific Coast Fertility Society: Micro-Surgical Retrieval of Sperm for IVF from the Proximal Epididymis and Vasa Efferentia in Men with Congenital Absence of Vas. April 12-16, 1989.



- 4/89 **Abbott Award:** 37th Annual Meeting of the Pacific Coast Fertility Society, Poster Presentation: Micromanipulation of Sperm by a Laser-Generated Optical Trap. April 12-16, 1989.
- 6/88 **Winthrop Award:** Best paper presented, 20th Annual Meeting of the International Society of Reproductive Medicine. Paper: Gamete Donation in a GIFT Program. London, Great Britain. June 22, 1988.
- 4/88 **Abbott Award:** 36th Annual Meeting of the Pacific Coast Fertility Society, Poster Presentation: New treatment of infertility due to congenital absence of the vas deferens: Evidence against the indispensability of the epididymis. Palm Springs, CA, April 15, 1988.
- 09/87 **General Program Prize Award:** 43rd Annual Meeting of American Coast Fertility Society Paper: Oocyte donation and GIFT in Premature Ovarian Failure. Reno, Nevada. September 27 – October 2, 1987.
- 06/87 **Abbott Award:** 35th Annual Meeting of the Pacific Coast Fertility Society. Paper: Measurement of ANTI LH/hCG activity human follicular fluid (hFF). Palm Spring; CA, May 6-10, 1987.
- 1981-1986 University of Texas Health Science Center, Jane and Rolan Blumberg Professor, Department of Obstetrics & Gynecology, San Antonio, Texas.
- 11/85 **Wintrop Award in Honor of Robert B. Greenblatt, M.D.** for the best paper presented by a former fellow. Paper: Development of the GIFT Technique. 17th Annual Meeting of the International Society of Reproductive Medicine. Augusta, CA, November 13-16, 1985.
- 10/85 The American Fertility Society- **FOR OUTSTANDING CONTRIBUTIONS TO THE ADVANCEMENT OF KNOWLEDGE FOR THE MEMBERS OF THE SOCIETY**



- 09/85 Nominated for the **Axel Munthe Award** in the Field of Reproduction. Anacapari, Italy. September 27-29, 1985.
- 09/85 **Squibb Award:** Annual Meeting of American Coast Fertility Society. Paper: Gamete intra-fallopian transfer (GIFT)- An the alternative method of conception. Presented at 41st Annual Meeting of American Coast Fertility Society, Chicago, IL, September 30-October 2, 1985.
- 10/84 Societas Gynaecologica et Obstetricia Itálica- PROFESOR HONORIS CAUSA
- 04/84 **GOOD HOUSEKEEPING MAGAZINE:** Named as one of the top 100 Gynecologists in the nation, April 1984 issue.
- 1984 Honorary Professor, Universidad Metropolitana Ciencias de la Salud Barranquilla, Colombia.
- 03/82 Asociación de Obstetricia y Ginecología de Costa Rica- MIEMBRO ORDINARIO
- 03/82 **Squibb Award:** Annual Meeting, Pacific Coast Fertility Society. Paper: News aspects of the ultra-short-loop feedback mechanism controlling LH secretion in rabbits. Presented at 38th Annual Meeting of American Fertility Society, Las Vegas, NV, March 20-24, 1982,
- 1982 Extraordinary Professor Department of Obstetrics and Gynecology University of Tampico. Tampico, México



- 12/81 Colegio de Médicos y Cirujanos de la República de Costa Rica-Comité Científico- VISITANTE DISTINGUIDO.
- 04/81 **Serono-In-Trainig-Award:** Annual Meeting Pacific Coast Fertility Society. Paper: The effects of hyperprolactinemia on the luteal phase of rhesus monkey: Evidence for a direct prolactin effect on the ovary.
- 10/80 **Wyeth Laboratory Award:** Annual Meeting, Pacific Coast Fertility Society. Paper: Luteolytic effect of an LH-RH analog (D-Trp-LHRH) in the non-human primate: Its mechanism of action. Presented at the Annual Meeting of the Canadian Fertility and Andrology Societies, Val-David, Quebec, Canada, October 15-17, 1981.
- 10/79 **Wyeth Laboratory Award:** Annual Meeting, Pacific Coast Fertility Society. Paper: Effects of tetra-hydrocannabinol (THC), the principal psycho-active component of marijuana, in gonadal steroidogenesis in primates and rodents. Presented at Annual Meeting of Canadian Fertility and Andrology Societies, Val-David, Quebec, Canada, October 2-4, 1980.



2. Directorship of Scientific Meetings.

SEGUNDA JORNADA DE CAPACITACION EN LABORATORIO DE BAJA Y ALTA COMPLEJIDAD

Ministerio de Salud de la Provincia de Buenos Aires
La Plata-Provincia de Buenos Aires
9 Agosto , 2013

REPRODUCCIÓN ASISTIDA EN PERSONAS VIVIENDO CON VIH JORNADA PROVINCIAL DE HOSPITALES

Organizado en conjunto con IVI - Valencia, España
Facultad de Ciencias Médicas de la Plata- Provincia de Buenos Aires
Hospital Integrado Universitario
November 22, 2012.

Jornada de Capacitación de Diagnóstico y Manejo del Factor Masculino en Laboratorio de Reproducción Asistida. Baja y Alta Complejidad.

Hospital San Martin.
Ministerio de Salud de la Provincia de Buenos Aires.
La Plata - Provincia de Buenos Aires
August 2-3, 2012.

I Jornada Internacional de Actualización en Medicina Reproductiva: Fertilidad para todos - Ley Provincial No. 14208

Auditorio del Hospital Universitario Integrado
Facultad de Ciencias Médicas, UNLP - La Plata, Provincia de Buenos Aires
September 5, 2011.

Nuevos Horizontes en Reproducción Humana

Simposio Internacional Argentino-Israelí
Buenos Aires, Argentina
May 3-4, 2011.

III International Symposium

RAM invita Israel
Nuevos Avances en Reproducción Asistida
México City - México
June 2-3, 2004.

II Symposium International

RAM invita a Europa
Nuevos Avances en Reproducción Asistida
Acapulco, Guerrero - México
March 21-22, 2003.

Simposyum RAM invita a España

Avances en Reproducción Asistida
Acapulco, Guerrero-México
February 22-23, 2002



Asch Reproductive Technology



Asch Reproductive Technology

1st European Clinical Conference
Women towards third millenium = a challenge
World Foundation for Medical studies in Female Health.
Monaco-Monte Carlo
March 2-5, 2000

International Symposium on Gamete Physiology
Newport Beach, California
November 6-10, 1998.



3. Grants and Research Awards

3.1 Principal Investigator:

As a principal investigator, Dr. Asch has received grant support from governmental, private agencies and laboratories for over \$2,550,737. The types of support are detailed below:
Serono Laboratories #6310: A Phase III, Open-Label, Multicenter Study to Evaluate the Safety and Efficacy of Metrodin XP™ Administered by SC Route to Induce Ovulation in WHO Group II Anovulatory Infertile Women. \$28,800, January 13, 1994 – January 31, 1995.

Memorial Health Services: Human Oocyte Cryopreservation, \$27,608, January 1, 1994 – December 31, 1994.

National Institutes of Health 93.157/95-2226406: UCI-CM's Hispanic Center of Excellence, \$786,015, September 1, 1991 – August 30, 1994.

Organon Inc., AKZO Pharma Division: The use of Humegon Oocyte Cryopreservation, \$27,608, January 1, 1994.

National Institute on Drug Abuse 1R01 DA 02582-01A1: Endocrine effects of THC on pregnant rhesus monkeys. \$218,469, July 1, 1980 – June 30, 1983.

National Institutes of Health RFA-NIH-NICHD-CPR-RS-80-1: Etiology of infertility in endometriosis. \$71,876 – annual total, April 1981 - March 1982.

Ford Foundation, G 820-1073: LH-RH inhibitory analogue Effects of (A-LH-RH) on the reproductive physiology of the female rhesus monkeys. \$171,333 – total, September 1, 1982 – August 31, 1984.

International Fertility: Evaluation of the sutured-T Research Program IUD for post-partum patients. \$18,056, January 1, 1981. - December 1982.

PARFR 301T: A clinical evaluation of the bioabsorbable subdermal contraceptive norethindrone pellet implant. (Phase I). \$39,489 September 1, 1981 – August 31, 1982.

PARFR -301T/2: A clinical evaluation of the bioabsorbable subdermal contraceptive norethindrone pellet implant (Phase II). \$48,139, March 1, 1983 – August 31, 1985.

PARFR-347: Studies on the anovulatory potency and side effects of an inhibitory analog of LH-RH in cynomolgus monkeys. \$145,501, February 1, 1984- January 31, 1986.

PARFR-302: Studies on the anti-fertility effects of a potent LH-RH inhibitory analog (antagonist) in the cynomolgus monkey. \$64,447 September 1, 1981 – August 31, 1982.

PARFR-361: Testosterone microcapsule formulation study. \$122,106, July 1, 1984 – December 31, 1985.

PARFR: Antigonadotropin and antifertility effect of an LH-RH inhibitory analogue. \$87,802, May 1, 1983 – April 30, 1984.

PARFR-53: Antifertility effects of luteinizing hormone analog in the female rhesus monkey. \$7,500 – annual total, November 1979 – October 1980.

Carnick Laboratories: Estrogen Therapy in Menopause. \$99,120 – total, March 1, 1983 – August 31, 1985.

Ayerst Laboratories: Primary dysmenorrhea: A comparison of the efficacy and safety of Ultradol (Etodolac), Ibuprofen and placebo in its treatment. \$50,400, November 1, 1983- October 31, 1985.

Ayerst Laboratories: A double-blind evaluation of the analgesic activity of a single dose of Etodolac (50, 100 and 200 mg), as compared with aspirin (650 mg), and placebo in patient with post-surgical pain. \$25,000, April 1, 1981 – November 30, 1981.

Schering Plough Corporation: A comparative clinical trial of the use of Emko Foam or Ortho Gynol Jelly concomitant with a contraceptive diaphragm. \$4,000, December 1980 – April 1981.



Roche Laboratories: Pregnancy test on patients with ectopic pregnancies. \$10.000, February 1, 1981 – January 31, 1982.

Ortho Pharmaceuticals: Performance and sensitivity of modern home pregnancy test. \$10.000, January 1, 1984 – December 31, 1984.

Institutional Research Grant, University of Texas Health Science Center, San Antonio, OR #5: Induced luteolysis in the non-human primate. \$4.000 annual total, September 1979 – August 1980.



3.2 Co-Investigator:

As a co-investigator, Dr. Asch has been a participant of grants allocated for a total of \$1,298,226. The types of grants are listed below:

World Health Organization: Regulation of Human Sperm Fertilizing Ability by Calpain
Principal: Francisco J. Rojas, Ph.D., \$157,986, 1994-1997.

Serono Laboratories, Inc. 89-154-1: Cell-free Bioassay for Quantitative Determination of Human Gonadotropins. \$25,000 – annual total, July 1, 1989 – June 20, 1990.

National Institute on Drug Abuse RO1-DAO-2063: Marijuana and Reproduction in the Female. Principal Investigator: Dr. Carol G. Smith. \$45,000 annual – 3 years renewal
February 1, 1979- January 31, 1982-5.

National Institute of Child Health & Human Development 1RO1 HD12671-01:

Hyperprolactinemia and male reproductive functions. Principal Investigators: Dr. A. Bartke, \$181,131 – annual total, September 1, 1979 – August 31, 1982.

Program for Applied Research on Fertility, PARFR-213T1, 1RO1 DA 02592-01A1. The study of the intravaginal insert. Principal Investigator: Dr. M.M. Ahmad, \$67,169 annual, July 1, 1980 – June 30, 1981.

PARFR: Effects of a controlled release microcapsule formulation of the LH-RH agonist D-Trp-LHRH on suppression of ovulation in cynomolgus monkeys. Principal Investigator: F.J. Rojas, Ph.D., \$63,723, September 1, 1984 – March 31, 1986.

PARFR-300T: Clinical evaluation of a long-acting injectable contraceptive. Principal Investigator: Dr. J.P. Balmaceda, \$30,369, May 1, 1982 – April 31, 1983.

PARFR-333T: Poly-gly NET 180 microcapsule system. \$38,401, March 1, 1983 – February 29, 1984.

Ortho: Open Phase II Endometrial Biopsy, Principal Investigator: Dr. J.P. Balmaceda, \$62,696, January 1, 1985 – December 31, 1987.

Upjohn Company: Study of (15S)-15-menthyl prostaglandin F2a methyl ester by single vaginal suppository (U-36.384) followed by intramuscular (U-32.921E) for abortion. Principal Investigator: Dr. J.P. Balmaceda, \$36,000 – September 1, 1980.

Upjohn Company Efficacy and safety trial on the effect of vaginal suppositories containing meteneprost potassium on cervical dilation and softening of women in weeks 13-16 of pregnancy. Principal Investigator: Dr. J.P. Balmaceda, \$36,300, January 1, 1984 – December 31, 1984.

PARFR-301T: A clinical evaluation of the bioabsorbable subdermal contraceptive norethindrone pellet implant. Principal Investigator: Dr. J.P. Balmaceda, \$39,489, September 1, 1981- August 8, 1982.

Ortho Norgestimate Triphasic Research, Principal Investigator: Mohammed M. Ahmad, \$62,700, January 1, 1983 – December 31, 1983.

3.3 Collaborator:

National Institute of Child Health & Human Development, UCSD #92-5879: Smoking and In Vitro Fertilization, Principal: Hillary Klonoff-Cohen, Ph.D., July 1, 1992 – June 30, 1995.

Agency for Health Care Policy Research UCSD # 92-6082: Lifestyle Habits and In Vitro Fertilization. Principal: Hillary Klonoff-Cohen, Ph. D., December 1, 1992 – November 30, 1993.



VIII. Office held in professional societies and scholarly organizations

Board of Directors – A PART- 1995

Board of Directors, Turner's Syndrome Society 1994 – 1995

Program Committee, Society for Gynecologic Investigation 1994

President, Pacific Coast Fertility Society 1993-1994

Vice President, Pacific Coast Fertility Society 1992-1993

Treasurer, Pacific Coast Fertility Society 1992-1993

Sports Chairman, Pacific Coast Fertility Society 1992-1993

Society Development Committee, American Fertility Society

Membership Committee, American Society of Andrology

Board of Directors, Pacific Coast Fertility Society, 1990-1994

Board of Directors, International Society of Reproductive Medicine

Chairman, Minority Enhancement Committee for Spanish Americans, American Fertility Society

President, Vice President and Program chairman. San Antonio Obstetrical and Gynecological Society.



IX. Membership on Scientific Journal Editorial Boards

Archives of Andrology

Progress in Reproductive Medicine, Editor-in-Chief

Reproductive Medicine Review

Assisted Reproductive Technology/Andrology (ARTA)

Journal of Assisted Reproduction and Genetics

Adolescent Gynecology Reproduction and Menopause

American Journal of Gynecologic Health

Gynecologic Endocrinology

International Journal of Fertility and Menopausal Studies

Journal of Clinical Endocrinology and Metabolism

Assisted Reproduction Brazilian Journal – International Editor

Revista Iberoamericana de fertilidad y Reproducción Humana- Comité Científico



X. Selected Invited Presentations at Professional Meetings (the following are some selected presentations of the multiple invitations to speak at Congresses and Universities worldwide)

Dilemas Bioéticos Entorno al inicio de la Vida. Colegio de Médicos de la Provincia de Buenos Aires, Argentina.

April 19, 2012.

Fertilidad y Genética. Aspectos Halájicos de la Fertilidad Humana y sus tratamientos AMIA- Buenos Aires, Argentina

May 4, 2011.

Vitrification of all embryos.

Asch RH

Invited speaker

First International Symposium of Vitrification

Nuevo Vallarta Mexico.

March 18-19, 2011

Conceptos Actuales en pérdida gestacional temprana. III Simposio Internacional.

RAM Invita a Israel.

Mexico DF-Mexico.

June 2-3, 2004.

GnRH antagonists = from basics to clinic.

1st World Congress and Workshops on Assisted Fertilization, Conception and Molecular Reproduction.

Cairo, Egypt.

March 16-19, 2004.

Debate and controversy on ovarian stimulation protocols dilemma.

1st World Congress and Workshops on Assisted Fertilization, Conception and Molecular Reproduction.

Cairo, Egypt.

March 16-19, 2004.

Cátedra: Aspectos básicos en Biología de la Reproducción. Profesor Invitado- Curso de especialización de Ginecología y Obstetricia.

Universidad La Salle, Facultad Mexicana de Medicina, Ciclo escolar 2003-2004.

México D.F.

High Success following cryopreservation of all embryos in assisted reproductive techniques. Personal experience and review of the Literature. Asch RH.

World Congress of A PART,

Tokyo-Japan.

October 23-25, 2003



Birth of a healthy boy after semen screening, ICSI and embryo transfer in an HIV-1 Serodiscordant couple.

Asch R.H., Gutierrez Najar A., Tabsh K., Magee T., and Rasheed S.

World Congress of A PART

Tokyo-Japan.

October 23-25, 2003

GnRH antagonists= from Basics to Clinic. APART.

5th World Conference. Shibuya-Toyo, Japan.

October 23-25, 2003.

Desarrollo y Aplicaciones de los Antagonistas de GnRH.

Foro de Investigaciones Clínica del Hospital Angeles dePedregal.

México D.F.

October 17, 2003.

Antagonistas de GnRH. II Simposio Internacional. RAM invita a Europa, Nuevos Avances en Reproducción Asistida.

Acapulco, Guerrero-México.

Marc 21-22, 2003.

Clonación y Religión. Consejo Comunitario Ashkenazi.

México D.F.

December 26, 2002.

Ponente. IV Congreso Internacional Conmemorativo al X Aniversario del Hospital Materno Infantil. Instituto de Seguridad Social del Estado de México y Municipios.

Toluca, México.

December, 2002.

II Congreso Médico, Grupo Angeles Servicios de Salud.

Guadalajara, Jalisco. México.

November 9, 2002.

LXXX Aniversario de la Comunidad Ashkenazi en México. Consejo Comunitario Ashkenazi.

México D.F.

October, 2002.

Esquemas de Inducción de Ovulación. I Curso de Salud Reproductiva. Delegación Regional Zona Poniente Subdelegación Médica.

México.

April 15-19, 2002.

Pérdida embrionaria temprana y genética

RAM invita a España

Avances en Reproducción Asistida



Acapulco, Guerrero-México
February 22-23, 2002

Pobres respondedoras en Reproducción Asistida
RAM invita a España
Avances en Reproducción Asistida
Acapulco, Guerrero-México
February 22-23, 2002

Inseminación Terapéutica
Profesor Invitado
La Asociación Mexicana de Medicina de la Reproducción, A.C.
México DF.
February 2-3, 2002,

Ponente, Congreso Internacional Conmemorativo al XI Aniversario del Hospital Materno Infantil. Instituto de Seguridad Social del Estado de México, Municipios y la Universidad Autónoma del Estado de México.
Toluca, México.
December 7, 2001

II Congreso Internacional de Avances en Ginecología y Obstetricia.
Profesor en J.C.S.J. Éxito y Riesgo Genético. Secretaría de la Defensa Nacional Dirección General de Sanidad Clínica de Especialidades de la Mujer y Asociación de Médicos Militares Gineco- Obstetras.
July 18 – 20, 2001.

II Congreso Internacional de Avances en Ginecología y Obstetricia.
Profesor en Mesa de Discusión “Costo-Beneficio de las Técnicas de Reproducción”.
Secretaría de la Defensa Nacional Dirección General de Sanidad Clínica de Especialidades de la Mujer y Asociación de Médicos Militares Gineco- Obstetras.
July 18 – 20, 2001.

Como investigar o casal infértil: No servicio especializado
I Congreso Brasileiro sobre Maternidade e Segura e Saude Reproductiva
Brasilia, Brasil.
November, 2000

Idade Avançada e infertilidade - O que a tecnologia atual oferece
I Congreso Brasileiro sobre Maternidade e Segura e Saude Reproductiva
Brasilia, Brasil
November 15-18, 2000

Serodiscordant HIV-1 Couples and their Fertility
Second World Congress of A PART-Budapest, Hungary
(Journal of Assisted Reprod and Genetics vol 17=No 8)



September 14-17,2000.

Reproducción Asistida (ICSI) Inyección Intracitoplasmático de Gametos. XI Aniversario de Fundación del Cemev. Centro de Especialidades Médicas del Estado de Veracruz “Dr. Rafael Lucio”.

Xalapa, Veracruz.

November 6, 2000.

Cultivo de Embriones y Criopreservación. XI Aniversario de Fundación del Cemev. Centro de Especialidades Médicas del Estado de Veracruz “Dr. Rafael Lucio”.

Xalapa, Veracruz.

November 6, 2000.

Reproducción Asistida. XI Aniversario de Fundación del Cemev. Centro de Especialidades Médicas del Estado de Veracruz “Dr. Rafael Lucio”.

Xalapa, Veracruz.

November 6, 2000.

Armadilhas Durante Transferencia Embrionaria

IV Congresso Internacional da Sociedade Brasileira de Reproducao Asistida

August 17-19, 2000



Perda embrionaria de causa genética apos reprodução assistida
IV Congresso Internacional da Sociedade Brasileira de Reproducao Assistida
August 17-19, 2000

HIV, esperma e fertilidade
IV Congresso Internacional da Sociedade Brasileira de Reproducao Assistida
August 17-19, 2000

XV Congreso Dominicano de Obstetricia y Ginecología
III Encuentro de Confraternidad Latino-Americano
8-11 marzo del 2000

76° Congresso Nazionale della Societa Italiana di Ginecologia e Ostetricia
41 Congresso AOGOI
8° Congresso AGUI
Napoli, Italia.
June 4-7, 2000.

Moderador en Comité Organizador del Primer Congreso Latinoamericano de Turismo y
Salud. México.
March 22, 2000.

Una Ventana Hacia el Nuevo Milenio.II Congreso Regional de Ginecología y
Obstetricia.Servicios de Salud de Veracruz Centro de Especialidades Médicas “Dr. Rafael
Lucio”.
Xalapa, Enriquez, Veracruz.
May 27, 2000.

Women towards third millennium = A new challenge
World Foundation for Medical Studies in Female Health
1st European Clinical Conference
Mónaco, Montecarlo
March, 2000

Profesor: II Reunión Académica. Sociedad Mexicana de Biología de la Reproducción
Humana. México.
March 19 – 21, 1998.

Primer Taller de la Región Norteamericana y del Caribe de la Red Latinoamericana de
Reproducción Asistida.Red Latinoamericana de Reproducción Asistida.Grupo de
Reproducción y Genetica AGN y Asociados. Facultad Mexicana de Medicina. Universidad
La Salle.
México.
January 15 – 18, 1998.



Avances en Reproducción Asistida. Aspectos Médicos, Éticos y Jurídicos.
Universidad La Salle
Facultad Mexicana de Medicina
Conferencia Magistral en honor al Día del Médico
Tlalpan, México.
October 23, 1997

Perdida Embrionaria Temprana, Grupo de Reproducción y Genética AGN Asociados.
Simposium, Reproducción Asistida en México.
Sociedad Mexicana de Biología de la Reproducción Humana A.C.
México.
August 15 – 16, 1997.

Curso de Postgrado de Biología de la Reproducción
Profesor Invitado
Universidad La Salle
Escuela Mexicana de Medicina
México D.F.
April 27, 1996.

Técnicas de Reproducción Asistida.
Instituto de Seguridad y Servicios Sociales de los Trabajadores del Estado.
Mexico, D.F.
May 8, 1996.

Temas Selectos en Reproducción Humana.
Hospital de Nuestra Señora de la Salud.
San Luis Potosí.
October 25 – 26, 1996.

Nuevas Modalidades de Tratamiento en Reproducción Asistida. Quinto Aniversario.
Hospital de Nuestra Señora de la Salud.
Mexico D.F.
October 30, 1996.

Problemas y Soluciones en Medicina Contemporánea. Congreso Conmemorativo.
Hospital Angeles del Pedregal.
Mexico D.F.
December, 1996.



III Jornada de Patología Clínica.Aspectos Éticos – Legales y Religiosos.
Centro Médico Nacional Siglo XXI del IMSS.
México D.F.
December 1996.

The laboratory for In Vitro Fertilization
Universita degli Studi di Palermo
Palermo, Italia
December 13 - 14, 1996

Primer Taller Mexicano de Biotecnología de Vanguardia en Reproducción Asistida.
Grupo de Reproducción y Genetica AGN Y Asociados, Hospital Angeles de Pedregal,
Universidad La Salle.
December 16 - 20, 1996.

XI Congreso mexicano de Ginecología y Obstetricia. Cirugía Ginecológica, Tradicional o
Endoscópica?
Mexico D.F.
November, 1995.

Chromosomal errors in abortions for Assisted Reproduction
University of Patras
Patras, Greece
October 23, 1995.

Andrology in the Nineties
International Symposium on Human Reproduction and Male Subfertility
Genk, Belgium
October 18-21, 1995

Ovarian Hyperstimulation Syndrome
Plenary Session 2-4
IX World Congress on IVF and Alternate Assisted Reproduction
Vienna, Austria
April 3-7, 1995

Embryo Development of cryopreserved human oocytes
Gook D, Osborn SM, Schiewe MC, Jansen R, Asch RH and Johnston WIH
Plenary sesión 3-4
IX World Congress on IVF and Alternate Assisted Reproduction
Vienna, Austria
April 3-7, 1995



Invited Faculty, Reproductive Technologies: Ethical Challenges, Bio Med Ethics lecture,
University of California, Irvine, CA.,
May 11, 1995.

Stages of arrest of human fertilization: microtubule and DNA Imaging studies.
Presented at 43rd Annual Meeting of the Pacific Coast Fertility Society,
San Diego, CA.
April 26-30, 1995.

Invited Faculty, Ethical Aspects of Assisted Reproductive Techniques,
17th Annual Orange County Ob/Gyn Congress.
Irvine, CA.
April 22, 1995.

Invited Speaker, GIFT and ZIFT: Future Directions, Annual Matt Weis Symposium, St.
Johns Mercy Medical Center,
St. Louis, MO,
April 21, 1995.

Invited Speaker, Ovarian Hyperstimulation Syndrome, IXth World Congress on In Vitro
Fertilization and Assisted Reproduction
Vienna, Austria,
April 3-7, 1995.

New Advances in Male Infertility: State of the Art: Assisted Procreation, 4th World Congress
of Gynecological Endocrinology held jointly with the 2nd Congress of the European Society
for Gynecologic and Obstetric Investigation.
Madonna di Campiglio, Italy,
February 12-19, 1995.

Invited Speaker, Grand Rounds, Potential Negative-Effects of assisted Reproductive
Medicine, University of California San Diego Medical Center-Hillcrest,
January 25, 1995.

Invited Speaker , new Treatments of Male Factor Infertility,
San Diego Ob/Gyn Society,
January 24, 1995.

Laparoscopic Semen intra Fallopian Transfer (SIFT).International Congress on Infertility
and Transvaginal Sonography,
Bombay, India,
January 12-15, 1995.



XVII Congresso Nazionale SIFES 1994,
Genova, Italy,
December 1-3, 1994.

Comparison of hCG determinations by ELISA and IRMA assays in biochemical pregnancies. Presented at the 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November 5-10, 1994.

Invited Faculty, Ovarian Hyperstimulation Syndrome. Postgraduate course for the Latin American Special Interest Group at the 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November, 1994.

The limits of assisted reproduction: scientific and ethical considerations. Developmental Biology Center, University of California, Irvine, CA, October, 1994.

Invited Speaker, Why Embryos Do Not Implant. RESOLVE: Serono Symposia, Los Angeles, CA, October, 1994.

Panel Discussion: Family Options for women With Turner's Syndrome and Workshop Leader for Spanish speaking attendees. Seventh Annual Conference, Turner's Syndrome Society of the United States, San Diego, CA, October, 1994.

Update in reproductive medicine, Trauma/Critical Care Section, Department of Surgery, UCI Medical Center, Orange, CA, August, 1994.

Assisted Reproductive Technologies (ART). UCI chancellor's Club Summer Reception, University of California Irvine, August, 1994.

Ovarian hyperstimulation; New Methods for retrieving and transferring gametes and embryos—epididymal aspiration; Transcervical GIFT/ET, Transmyometrial ET. 7th Annual in Vitro Fertilization and Embryo Transfer, UCLA School of Medicine, Santa Barbara, CA, July 1994.

Natural Cycle: Age Factor in IVF and Potential Negative Effects of ART. XXXV Congresso Nazionale A.O.G.O.I.,



Napoles, Italy.
June 1994.

Can we improve assisted reproductive technology? Resolve of Southern Nevada,
Las Vegas, NV,
June 1994.

Joseph Seitchik Memorial Lecture,
University of Texas Health Science Center at San Antonio, TX.
June 1994.

Ovarian Hyperstimulation Syndrome: Pathogenesis, high risk groups and prevention.
XX Congreso Nacional de la Sociedad Española de Fertilidad,
Valencia, Spain.
May 1994.

Infertility and New Reproductive Technology. UCI Biomedical Ethics Course,
Irvine, CA,
May 1994.

Gamete and Zygote Intrafallopian Transfer: Future Directions.
Assisted Reproduction in the 21st Century Symposium. Michael Reese Hospital and Medical
Center,
Chicago, IL,
May 1994.

Direcciones futuras de la Medicina de la Reproducción en el Mundo. Un Enfoque Moderno
de la Esterilidad Course. Mexican College of Obstetrics and Gynecology,
Puebla, Mexico,
February 1994.

Efectos adversos de la fertilización asistida, Técnicas intratubarias vs. Intrauterinas,
VII Congreso Argentino de Esterilidad y Fertilidad.
Buenos Aires, Argentina,
November 1993.

Simposio Internacional en Reproducción Asistida, Visión al Futuro. Colegio de
Ginecologos y Obstetras del Estado de Puebla, A.C. y Serono de México.
Puebla, México.
October 29 – 30, 1993.



Infertilidad inexplicable como hacer una investigación completa y diseñar un tratamiento, Resultados de técnicas de reproducción asistida. Reproducción Asistida, Visión al Futuro, sponsored by Serono
Puebla, Mexico,
October 1993.

Assisted Reproductive Techniques.
Sixteenth Annual Review Course in Clinical Obstetrics and Gynecology,
Costa Mesa, CA
October 1993.

New Horizons in Assisted Reproductive Techniques. St. Joseph Hospital Endocrinology and Infertility Conference,
Orange, CA,
October 1993.

The ABC's of ART: Assisted Reproductive Technologies, Ovarian Failure, and Ovum Donation.
First International Conference for the Patient and the Medical Team: Building Families, Bridging the World, sponsored by Resolve and Serono Symposia,
USA, Arlington, VA.,
October 1993.

Assisted Reproductive Techniques: Beneficial & Negative Aspects.
San Ramon Regional Medical Center,
San Ramon, CA,
October 1993.

Fertilizing Capacity of Human Epididymal Sperm: Basis & Clinical Aspects. VIIIth World Congress on In Vitro Fertilization and Alternate Assisted Reproduction,
Kyoto, Japan,
September 1993.

GnRH: Indications for its use, results in infertility and gynecology. Unexplained infertility: How to do a complete workup and design treatment, ART: IVF, GIFT, TET. Potential negative effects of infertility treatments. Modern Approach to Infertility Alaska Cruise, University of California Irvine Continuing Education Program,
August 1993.

Epididymal Aspiration for IVF/ZIFT.
6th Annual In Vitro Fertilization and Embryo Transfer, A comprehensive Update.
UCLA Extension Course,
Santa Barbara, CA
July 1993.

Infertility. Southern California Turners syndrome Society Meeting,
Orange, CA,
July 1993.



Special Topics Lecture, UCI, Irvine, CA."Infertility research and the GIFT program."Currents results of ART, possible negative effects of ART and their prevention, Introduction of new technologies in ART.1st International Meeting in Reproductive Medicine.

Rome, Italy,
June 1993.

Infertility and New Reproductive Technology. UCI Biomedical Ethics Course,
Irvine, CA,
May 1993.

Infertility 1993. Associated Alumni, UCI, Changing your practice in 1993 Conference,
Palm Springs, CA,
March 1993.

Diagnosis and prevention of ovarian hyperstimulation syndrome. St. Joseph's Hospital,
Endocrinology & Infertility Conference;
Orange, CA,
January 1993.

Oocyte Donation. Turners Syndrome Society Meeting,
San Francisco, CA.
January 1993.

New treatments of male infertility. Grand Rounds Presentation, the University of Arizona,
Tucson, AZ,
December 1992.



Assisted Reproductive Technologies of the 80's and 90's: State of the art and a look at the future. Fifth Annual Review Course in Clinical Obstetrics and Gynecology and Gynecological Histopathology. University of California Irvine, Newport Beach, CA, November 1992.

Indications for the use of GnRH in assisted reproduction programs and GnRH and endometriosis. Simposio International Sobre Análogos de GnRH. México City, México, September 1992.

New advances in the treatment of a male factor infertility. Grand Rounds Presentation, The University of Texas Health Science Center at San Antonio, TX, September 1992.

Advance in donor egg and embryo transfer technology. 5th Annual Conference of the Turner's Syndrome Society, Denver, CO, September 1992.

Assisted Reproductive Techniques for Male Factor Infertility. Harbor UCLA Clinical Endocrinology Conference, Los Angeles, CA, June 1992.

XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 1992.

Gift - An update and Intravenous Albumin Prevents the development of Severe Ovarian Hyperstimulation Syndrome in an ART program and Age and Fertility. III Simposio Internacional anual Sobre Fertilización in Vitro y Técnicas de Reproducción Asistida, Buenos Aires, Argentina, June 1992.

IVF/GIFT: Update by the Experts and Intravenous albumin prevents the development of severe ovarian hyperstimulation syndrome in a ART program. 25th Meeting of the Royal College of Obstetricians and Gynecologists. London, UK, April 1992.

Egg and Embryo donation: Implantation aspects. 40th Annual Meeting of the Pacific Coast Fertility Society. Indian wells, CA, April 1992.

The Oocyte donation clinical model: the importance of the embryos vs. the endometrium. 3rd World Congress of Gynecological Endocrinology. Trentino, Italy, February 1992.



Microaspiration of sperm forms the head of the epididymis and ZIFT/TET. The British Fertility Society First International Meeting.
Bourn Hall, England,
December 1991.

VII Congreso Argentino de Esterilidad y Fertilidad,
Buenos Aires, Argentina,
December 1991.

Successful Embryo Implantation in the human: importance of the endometrium and the women's age, World Health Organization Symposium on Research in Implatation. Shangi, People's Republic of China,
November 1991.

47th Annual Meeting of the American Fertility Society,
Orlando, FL,
October 1991.

The Choice of IVF vs. GIFT vs. ZIFT, 47th Annual Meeting of the American Fertility Society SART Sponsored Postgraduate Course.
Orlando, FL,
October 1991.

Oocyte Donation: An Update, implatation. 47th Annual Meeting of the American Fertility Society First Spanish Postgraduate Course.
Orlando, FL,
October 1991.



Recent Advances in Human Reproduction. First Annual Germain Roy Memorial Lecture. Sponsored by the University of California, Irvine College of Medicine, Irvine, CA, October 1991.

Mitos y Realidades en Técnicas de Reproducción Asistida. Congreso Mexicano Ginecología Y Obstetricia. Mexico, October 1991.

New Treatments for Male Infertility, Progress in Gynecology, British Journal of Hospital Medicine, London, England, July 1991.

Japanese Congress of Fertilization and Implantation, Yokkaichi, Japan, July 1991.

GIFT – Innovation in Fertility Research, UCI College of Medicine Summer Pre-entry, Pre-med and Post Baccalaureate Program. UC Irvine Campus, Irvine, CA, July 1991.

GIFT: Technique, patient Selection, and Results, Choice of ART: According to Tubal Status and Diagnosis or Whatever you're best at, and ZIFT for Severe Male Factor. Panel member, fourth Annual In Vitro Fertilization and Embryo Transfer Course. UCLA Extension/CHE, Four Seasons Biltmore Hotel, Santa Barbara, CA, July 1991.

Maternal Age and Fertility: Is There a Limit? And Assisted Reproductive Technology: Is It a Risk Free? The Ninth Annual Controversies in Obstetrics and Gynecology. Sponsored by University of California Irvine, CA, July 1991.



Male Infertility, Intrauterine vs. Tubal Transfers: Implantation Rates with Assisted Conception, Assisted Procreation with Open Tubes, and Assisted Reproductive Techniques in Women over 40 years of Age: IVF, GIFT, ZIFT, Egg Donation: Is there a Best Alternative? Award winning paper from PCFS meeting. 7th World Congress on IVF and Assisted Procreation, held jointly with the 7th Annual Meeting of the European Society of Human Reproduction and Embryology, Paris, France, June 1991.

Infertility & New Reproductive Technology, Biomedical Ethics Course, university of California Irvine, Irvine, CA, May 1991.

Assisted Reproductive Technologies of the 80's and 90's: State of the art and a look at the future, International Symposium on Assisted Reproductive Technologies: Present & Future Directions. New York University Medical Center, Inconjuction with IVF Australia, May 1991.

GIFT Assisted Reproductive Techniques in Women Over 40 Years of Age: Is there a Best Alternative? Embryo Implataion Rates in Stimulated and Hormonal Replacement Cycles: Uterine vs. Tubal Transfers. 39th Annual Meeting of the Pacific Coast Fertility Society, India Wells, CA, April 1991.

Il Simposio International de Reciclagem en Endoscopia, Ultrassonografia E Reproducao Assistida. São Paulo, Brazil, April 1991.

Dysfunctional Uterine Bleed, Mechanism of Disease Course, University of California Irvine, Irvine, CA, April 1991.

Infertility Support Group, Las Vegas, NV. April 1991.

38th Annual Meeting Society for Gynecologic Investigation, San Antonio, TX,



March 1991. World Health Organization – Task Force on Post- Ovulatory Methods for Fertility Regulation.
Geneva, Switzerland,
March 1991.

Epididymal Sperm: Fertilizing Capacity, First Sero Simposia Hispano Americano en Reproducción Asistida,
Orlando, FL,
March 1991.

Challenges and Opportunities in Academic Medicine. Annual National Meeting of the Society of Advancement of Chicano and Native American Scientist. University of California Irvine,
Irvine, CA,
January 1991.

Uso de los Análogos en Contracepción Masculina y Femenina, and Ventajas del Uso de los Análogos del LH-RH en Programas de Reproducción Asistida: IVF-ET, GIFT, PROST, TET, Simposio Internacional De LH-RH y Análogos en Reproducción Humana.
Buenos Aires, Argentina,
December 1990.

Basic Principals of Assisted Reproductive Technology, International Symposium on the Beginning of Human Life,
The University of Iowa City, IA,
November 1990.

Zygote Intrafallopian Transfer – Who Is It For? 6th Annual Course in Ob/Gyn. Baptist Hospital,
Miami, FL,
November 1990.

A Very Special Day. Update on the New Alternatives for Infertility Treatment, Saddleback Memorial Medical Center,
Laguna Hills, CA,
November 1990.

Implatation Rates with Assisted Conception: Intrauterine vs. Tubal Transfers, and The Fertilizing Capacity of Human Epididymal Sperm, 4th Annual K. Paul Katayama Meeting
Towako Maternity Clinic,
Komatsu, Japan,
November 1990.



Perspectivas futuras de la reproducción asistida, XIX Congreso Nacional de la Sociedad Española de Fertilidad.
San Sebastian, Spain,
October 1990.

46th Annual Meeting of the American Fertility Society, Washington DC, October 1990.
Update on Other Assisted Reproductive Technologies, 76th Clinical Congress of American College of Surgeons,
San Francisco, CA,
October 1990.

Faculty, Postgraduate Course, 47th Annual Meeting of the American Fertility Society,
Orlando, FL,
October 1990.

Panelist, 76th Clinical Congress of American College of Surgeons,
San Francisco, CA,
October 1990.

Invasive Procedures: Oocyte Retrieval and Tubal Transfer, Advanced Obstetrical and Transvaginal Ultrasound Course, University of California, Irvine, Doubletree Hotel,
Orange, CA,
October 1990.

Spanish Speaking Insights into Infertility, Assisted Reproductive Technologies, California State University at Los Angeles,
Los Angeles, CA,
October 1990.

9th Annual Scientific Meeting on The Fertility Society of Australia,
Perth, Australia,
September 1990.

1st International Symposium on Pre-Implantation Genetics,
Chicago, IL,
September 1990.

GIFT – ZIFT, XXVII World Congress of the International College of Surgeons,
São Paulo, Brazil,
September 1990.

ESHRE 2nd Joint Meeting,
Milan, Italy,
August 1990

Use of Epididymal Sperm for IVF, 3rd Annual In Vitro Fertilization and Embryo Transfer Course,
Santa Barbara, CA,



July 1990.

New Reproductive Technologies for the Treatments of Infertility Couples, Continuing Medical Education Associated Alumni, University of California Irvine, Scientific Session, Irvine, CA,
June 1990.

VII World Congress on Human Reproduction,
Helsinki, Finland,
June 1990.

72nd Annual Meeting of the Endocrine Society,
Atlanta, GA,
June 1990.

Gamete and Embryo Transfer by Tubal Catheterization, Ultrasound vs. Hysteroscopy, New Developments in Endoscopic and Laser Surgery Course, International Society for Gynecologic Endoscopy
Newport Beach, CA,
May 1990.

Risks and Benefits of Assisted Reproductive Technologies, The Philip J. DiSaia Society Symposium, Department of obstetrics and Gynecology, University of California , Irvine, garden Grove, CA,
May 1990.

Modern Management of Infertility with IVF/GIFT, Chicago Association of Reproductive Endocrinologists Annual President's lecture.
Chicago, IL,
January 1990.
Postgraduate Course, Univ. of South Florida, Problem Solving in Reproductive Endocrinology and Infertility, Tampa, FL,
January 1990.

GIFT and New Reproductive Technology, XII Asian & Oceanic Congress of OB/GYN,
Taipei, Taiwan.
December 1989.

45th Annual American Fertility Society,
San Francisco, CA,
November 1989.

II International Symposium of Assisted Reproduction,
São Paulo, Brazil,
November 1989.

Microaspiración espermática epididimaria y transferencia intratubarica de embriones, and GIFT y ZIFT la importancia de la trompa de falopio, XIX International Symposium on Human Reproduction.
Barcelona, Spain,



November 1989.

Infertility: A New Science – A New World: The 1990's International Society of Reproductive Medicine 21st Annual Meeting.
Washington DC,
November 1989.

Assisted Reproduction and its Outcome, The New Treatments of Male Infertility: Gamete Seed Embryo Tubal Transfers (GIFT-ZIFT), Epididymal Sperm Aspiration in congenital Absence of the Vas Deferens: IVF and Tubal Embryo Transfer, A New Treatment of Male Infertility, and The New Treatments of Male Infertility: GIF and ZIFT, XIII World Congress on Fertility and Sterility and International Federation of Fertility Society Congress, Marrakesh, Morocco,
October 1989.

Gamete Intra-Fallopian Transfer, and Immunological Infertility, First National Conference on Infertility for the Patient and Medical Team. First National Conference on Infertility for the Patient and Medical Team.
Washington DC,
October 1989.

GIFT: Perspectivas, and La Importancia de la Trompa de Falopie en la Transferencia de Gametos y Embriones, I Congreso Nacional de Ginecologia y Obstetricia,
Acapulco, Mexico,
October 1989.

Workshop Leader, First National Conference on Infertility for the Patient and Medical Team.
Washington DC,
October 1989.

Grand Rounds Guest Speaker, University of Rochester Medical Center Dept of OB/GYN,
Rochester, NY,
September 1989.

General Applications of GnRH Analogs, University of Rochester Medical Center Dept of OB/GYN,
Rochester, NY,
September 1989.

Grand Rounds Guest Speaker, University of Maryland School of Medicine Franklin Square Hospital Center Dept. of OB/GYN,
Baltimore, MD,
August 1989.

Managing the GIFT Patient, The Use of Gonadotropin Releasing Hormone (GnRH) in Gamete Intra Fallopian Transfer, University of Maryland School of Medicine Franklin Square Hospital Center Dept. of OB/GYN,
Baltimore, MD,
August 1989.



True Success Rates in the United States of America, a Comprehensive Programme to Assit Infertile Couples, and How to Decide on an Assisted Conception Program, 3rd Annual Mount Elizabeth Hospital Seminar on Assisted Conception in the Infertile Couple, Singapore, July 1989.

IV International Congress of Andrology, Florence, Italy, May 1989.

VI World Congress on IVF and Altemate Assisted Reproduction, Jerusalem, Israel, April 1989.

37th Annual Meeting Pacific Coast Fertility Society, Palm Springs, CA, April 1989.

International Symposia On Gamete Physiology, Newport Beach, CA, November 1988.

44th Annual Meeting of the American Fertility Society, Atlanta, GA, October 1988.

20th Annual Meeting of the International Society for Reproductive Medicine, London, England, June 1988.

Fisiología de la Reproducción para Latinoamérica, Buenos Aires, Argentina, May 1988.

35th Annual Meeting Pacific Coast Fertility Society Palm Springs, CA, April 1988.

35th Annual Society for Gynecologic Investigation, Baltimore, MD, March 1988.

Annual Meeting of the American Society of Andrology, Huston, TX March 1988.

VI World Congress on Human Reproduction, Tokyo, Japan, October 1987.



43rd Annual Meeting of the American Fertility Society,
Reno, NV,
September 1987.

International Congress of Clinical Chemists, The Hague,
Netherlands,
June 1987.

35th Annual Meeting Pacific Coast Fertility Society,
Palm Springs, CA,
May 1987.

V World Congress on Fertility and Sterility,
Singapore,
October 1986.

Annual Meeting American Fertility Society/Canadian Fertility and Andrology,
Toronto, Canada,
September 1986.

XI Annual Congress of International Primatological Society, Gottengen,
Fed. Rep. Germany,
July 1986.

2nd Meeting European Society of Human Reproduction and Embryology,
Brussels Belgium,
June 1986.

33rd Annual Meeting Society for Gynecologic Investigation,
Toronto, Canada,
March 1986.



XI-Service to professional societies

Round Table Chair, Practical Ovulation Induction. 43rd Annual Meeting of the Pacific Coast Fertility Society, San Diego, CA, April 26-30, 1995.

Moderator, Scientific Session II. 43rd Annual Meeting of the Pacific Coast Fertility Society, San Diego, CA, April 26-30, 1995.

Advisory Board, Gynecological Endocrinology, 4th World Congress of Gynecological Endocrinology held jointly with the 2nd Congress of the European Society for Gynecologic and Obstetric Investigation, Madonna di Campiglio, Italy February 12-19, 1995.

Symposium Chair, Oral Contraception: From Comparison to Choice, 4th World Congress of Gynecological Endocrinology held jointly with the 2nd Congress of the European Society for Gynecologic and Obstetric Investigation, Madonna di Campiglio, Italy, February 12-19, 1995.

Round Table Chair, Assisted Reproduction, 4th World Congress of Gynecological Endocrinology held jointly with the 2nd Congress of the European Society for Gynecologic and Obstetric Investigation, Madonna di Campiglio, Italy, February 12-19, 1995.

Debate on Controversies: Does a limit exist for motherhood? 4th World Congress of Gynecologic Endocrinology and Obstetric Investigation, Madonna di Campiglio, Italy, February, 12-19, 1995.

Course Chair, Round Table Leader, XXXV Congresso Nazionale A.O.G.O.I., Naples, Italy June 1994.

President, 42nd Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA. April 1994.

Session Chairperson, VIII Congreso Argentino de Esterilidad y Fertilidad, Buenos Aires, Argentina, November, 1993.

Session Chairperson, VIIIth World Congress on In Vitro Fertilization and Alternate Assisted Reproduction, Kyoto, Japan, September 1993.

Vice President, Chairman Sports Committee, Special Session Faculty, Board of Directors and Treasurer, 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 1993.

Scientific Program Chairman, XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 1992.

Panelist, California Hispanic American Medical Association Statewide Meeting, Los Angeles, CA, October 1992.

Meeting president, Simposio Internacional Sobre Análogos de GnRH. Mexico City, Mexico, September 1992.

Course Director, Chairman, III Simposio Internacional Annual Sobre Fertilización in Vitro y Técnicas de Reproducción Asistida, Buenos Aires, Argentina, June 1992.

Chairman Sports Committee, Special Session Faculty, Board of Directors and Treasurer, 40th annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 1992.

Meeting Co-Organizer, Progress in Gynecology British Journal Of Hospital Medicine, London, England, July 1991.

Session Chairman, 7th World Congress on IVF and Assisted Procreation. 7th Annual Meeting of the European Society of Human Reproduction and Embryology, Paris, France, June/July 1991.

Conference Coordinator, First Serono Simposia Hispano Americano en Reproducción Asistida., Orlando FL, March 1991.

Steering Committee and WHO Temporary Adviser, World Health Organization – Task Force on Post-Ovulatory Methods for Fertility Regulation., Geneva, Switzerland, March 1991.



Chairman Sports Committee, Leader Round Table Discussion, Board of Directors and Treasurer, 39th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 1991.

Director, Simposio International De LH-RH y Análogos en Reproducción Humana. Buenos Aires, Argentina, December 1990.

Grand Rounds Guest Speaker, Rush-Presbyterian St. Luke's Medical Center, Chicago, IL, November 1990.

Session Chairperson, International Symposium on the Beginning of Human Life. The University of Iowa, Iowa City, IA, November 1990.

Round Table Leader, XXVII World Congress of the International College of Surgeons. Sao Paulo, Brazil, September 1990.

Grand Rounds Guest Speaker, Cedars-Sinai Medical Center, Los Angeles, CA, May 1990.

Chairman Sports Committee, 38th Annual Pacific Coast Fertility Society Meeting, Scottsdale, AZ, April 1990.

Grand Rounds Guest Speaker, Univ. of Southern California School of Medicine, Women's Hospital, Los Angeles, CA, January 1990.

Workshop Leader, RESOLVE/Serono "Insights Into Infertility", Pasadena, CA, January 1990.

Session Chairman, International Society of Reproductive Medicine 21st Annual Meeting, Washington DC, November 1988.



XII-Service as reviewer of manuscripts and referee of proposals for Grants and Research Projects

Journal of Assisted Reproduction and Genetics

Progress in Reproductive Medicine

Reproductive Medicine Review

Assisted Reproductive Technology/Andrology (ARTA)

Journal of In Vitro Fertilization and Embryo Transfer

Adolescent Gynecology Reproduction and Menopause

American Medical Association

Human Reproduction



Video Journal of Obstetrics and Gynecology

American Journal of Gynecologic Health

Gynecologic Endocrinology

International Journal of Fertility

Journal of Clinical Endocrinology and Metabolism

International Journal of Peptide and Protein Research

American Journal of Obstetrics and Gynecology

Biology of Reproduction



Endocrinology

Fertility and Sterility

Gamete Research

Journal of the American Medical Association

Journal of Endocrinological Investigation

Journal of Reproduction and Fertility

National Institute of Health

Obstetrics and Gynecology



XIII-Consulting activities

World Medical Corporation Medical Advisory Board	1994 – 1997
American Medico Legal Foundation	1993 – present
Imagine Medical Scientific Advisory Board	1993 – present
The Global Medicines Group Inc.	1991 – present
Steering Committee of the Task Force on Post-ovulatory Methods for Fertility Regulation World Health Organization	1989 – 1992
PROLOG Task Force in Reproductive Endocrinology American College of Obstetricians and Gynecologists	1983 – 1984
Program for Applied Research on Fertility Regulation	1979 – 1986
The Ford Foundation, International Division of Population	1979



National Foundation – March of Dimes

1979

Department of Obstetrics and Gynecology – Brooke
army Medical Center



XIV- Memberships in professional organizations

Member, California Hispanic American Medical Association

Member, Association of Reproductive Health Professionals

Member, Council of Delegates, International Society of Gynecological Endocrinology

Honorary Member, Asociacion Poblana De Ginecologia y Obstetricia A.C.

Member, European Society of Human Reproduction and Embryology

Fellow, American Gynecological and Obstetrical Society

Honorary Member, Sociedad Argentina de Esterilidad

Society of Reproductive Endocrinologists



American Fertility Society

Latin American Federation of Obstetrics and Gynecology Society (FLASOG)

Miembro Correspondiente Extranjero, Sociedad de Obstetricia y Ginecología de Venezuela

Honorary Member, Sociedad Colombiana de Fertilidad y Esterilidad

Honorary Member, Sociedad de Obstetricia y Ginecologia de Atlántico, Colombia

International Society of Reproductive Medicine

Honorary Member, Sociedad Dominicana de Obstetricia y Ginecologia

Honorary Member, Societas Gynaecologica et Obstetricia Itálica



Fellow, American College of Obstetricians and Gynecologists

Honorary Member, Sociedad de Obstétrica y Ginecología de Costa Rica

Honorary Member, Sociedad de Ginecología y Obstetricia de Guatemala

Honorary Member, Asociación Mexicana de Bioquímica Clínica

Honorary Member, El Colegio de Ginecólogos y Obstetras del Estado de Puebla

Society for Gynecologic Investigation

San Antonio Obstetrical and Gynecological Society

Pacific Coast Fertility Society



American Society of Andrology

American Association for the Advancement of Science

Society for the Study of Reproduction

International Society of Fertility and Sterility

American Geriatrics Society

Honorary Member, A.O.G.O.I.

Honorary Board Member, Resolve

Associazione Ostetrici Ginecologi Ospedalaeri, Italiani.



Asch Reproductive Technology



Asociación Latinoamericana de Investigadores en Reproducción Humana (ALIRH).

Colegio Mexicano de Médicos Cirujanos A.C.

La Sociedad Mexicana de Biología de la Reproducción Humana. Socio Activo
- México DF.



XV- UNIVERSITY AND PUBLIC SERVICE

University Wide

1993 – Present California Area Health Education Center System Border
AHEC Advisory Committee

University Campus

1992 – 1993 Vice Chancellor Search Committee

1990 – 1994 Representative Assembly Irvine Division

College of Medicine

1993 – Present Think Tank Committee

1993 – 1994 Faculty Interview Committee

1993 – Present Blue Ribbon Committee of Faculty Teaching

1993 – Present Ethnicity Committee, Blue Ribbon Subcommittee



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|----------------|---|
| 1993 – Present | Resources Committee, Blue Ribbon Subcommittee |
| 1993 – Present | Faculty Development Committee, Blue Ribbon Subcommittee |
| 1992 – Present | Academic Resources Advisory Council (ARAC) |
| 1992 – 1994 | Representative Assembly, Academic Senate Ob/Gyn |
| 1991 – Present | Chair, Deans Minority Merit Scholarship Committee |
| 1991 – Present | Chair, Hispanic Scholarship Annual Awards Dinner & Fund |
| 1991 – Present | Mentorship Program |
| 1991 – Present | Faculty, Admissions Committee |



Asch Reproductive Technology

1990 – Present Faculty, Financial aid Committee

1990 – Present Assistant Dean for Student and Resident Outreach



Department of Obstetrics and Gynecology

1992 – Present

Memorial Health Services Grant Committee

1990 – Present

Director, Reproductive Endocrinology Fellowship Program, Department of Obstetrics and Gynecology, American Board of Obstetrics and Gynecology

Hospital-UCI Medical Center

1991 – 1992

Medical Group Executive Committee

Community

1993 – Present

Minorities in Science Project, CYS, Inc.

1991 – Present

UC Irvine Speakers Bureau

1991 – Present

National Hispanic Mentor Recruitment Network (NHMRN), Interamerican College of Physicians and Surgeons and U.S Public Health Service

1990 – Present

President, Athletic Boosters Society, Corona Del Mar High School



Asch Reproductive Technology

1993 – Present Coach, North America Youth Soccer Organization

1991 – Present RESOLVE of Greater Los Angeles, CA: Speaker

October, 1994 Honorary Board, Executive Finance Committee, 20th
Anniversary Gala



XVI- PUBLICATIONS

Books

1. Acosta A., **Asch R.H.** Avances En Reproducción Humana. Editorial Médica Panamericana, 1987.
2. **Asch R.H.** Recent Advances in Human Reproduction. Cofese (Pub.) Fondazione Per Gli Studi Sulla Riproduzione Umana, 1987.
3. **Asch R.H.** Basic and Clinical Aspects of LH-RH – Seminars in Reproductive Endocrinology. Speroff L. Thieme Stratton, Inc. Vol 5 (4) Nov., 1987.
4. Capitano GL, **Asch R.H.**, Croce S. and De Cecco L. GIFT: From Basics to clinics Serono Symposia Publications from Raven Press, Vol 63, 1989.
5. **Asch R.H.**, Johnston I., Balmaceda JP. eds. Gamete Physiology. Serono Symposia Publications from Plenum Press, 1990.
6. **Asch R.H.**, Studd JWW eds. Annual Progress in Preproductive Medicine. Lanc, UK: Parthenon Publishing Group, 1993.
7. Progress in Reproductive Medicine, Volume II, by **Ricardo H. Asch**, John Studd (Editor). Ricardo H. Asch (Editor). Lanc, UK. Parthenon Publishing Group, 1995.



XVII-Book Chapters, Peer Reviewed

1. **Asch RH**, Greenblatt RB. Steroidogenesis in the postmenopausal ovary. In: Clinics in Obstetrics and Gynecology. London: WB Saunders, 1977.
2. **Asch RH**, Greenblatt RB. The endocrinology of the postmenopausal ovary. In: Geriatric Endocrinology. New York: Raven Press, 1977.
3. **Asch RH**, Greenblatt RB. Clinical Aspects of aging. In: Geriatric Endocrinology. The American Geriatrics Society. Williams and Wilkins, Baltimore 1978.
4. Smith CG, Smith MR, Besch NF, Smith RG, **Asch RH**. Effect of delta- 9-tetrahydrocannabinol (THC) on female reproductive function. In: Nahas GG, Patton WDM, eds. Marijuana-Chemistry, Biochemistry and Cellular Effects. 2nd Ed. Oxford Pergamon Press, 1978.
5. Smith CG, Besch NF, Smith RG, **Asch RH**. Effect of marijuana on the reproductive system. In: Thomas JA, Singhal R, eds. Advances in sex Hormone Research. Vol 4, Baltimore: Urbin-Schwartzenberg, 1979.
6. Smith CG, Ruppert NJ, **Asch RH**, Siler-Khodr TM. Effect of Tetrahydro-cannabinol on prolactin levels in rhesus monkeys. NIDA conference on Genetics, Perinatal and Developmental Effects of Abused Substances, 1979.
7. Saxena BB, **Asch RH**. On the presence of hCG-Like Material in the preimplanted rabbit blastocyst. In: Glasser SR, Bullock DW, eds. Cellular and Molecular Aspects of Implantation. New York: Plenum Pub. Corp., 1981.
8. Eddy CA, **Asch RH**, Balmaceda JP. Pelvic adhesions after microsurgical and macrosurgical wedge resection of the ovaries. In: Phillips JM, ed. Microsurgery in Gynecology II. American Association of Gynecologic Laparoscopists, Department of Publications. Downey, California, 1981.
9. **Asch RH**, Silverman AY. Galactorrhea. In: Pauerstien CJ, ed. The Gynecologic Patient: A Rational Approach To Diagnosis and Treatment. New York: Gruen & Stratton Inc., 1982.
10. Pauerstein CJ, **Asch RH**. The Menopause. In: Pauerstein CJ, ed. The Gynecologic Patient: A Rational Approach To Diagnosis and Treatment. New York: Gruen & Stratton Inc., 1982.
11. **Asch RH**. Hirsutism. In: Pauerstein CJ, ed. The Gynecologic Patient: A Rational Approach to Diagnosis and Treatment. New York: Gruen & Stratton Inc., 1982.



12. Balmaceda JP **Asch R.H.** LHRH Agonistic analogues. In: Zatuchni GI, Shelton JD, Sciarra JJ, eds. LHRH Peptides in Female and Male Contraception. Philadelphia: Harper & Row, 1981.
13. Smith CG, **Asch RH.** In American Council on Marijuana eds. Marijuana and Reproduction, 1982.
14. **Asch RH.** Usos clinicos y experimentales de un agente antigonadotropico (Danazol). In: Molina R, Goldsmith A, eds. Aspectos Clinicos en Reproduccion Humana. Skokie: Johnson-Lindroth Inc., 1982.
15. **Asch RH.** Análogos de LHRH agonistas y antagonistas. Propiedades biológicas y su posible aplicación clínica. In: Molina R, Goldsmith A, eds. Aspectos Clinicos en Reproduccion Humana. Skokie: Johnson-Lindroth Inc., 1982.
16. **Asch RH,** Balmaceda JP, Borgho M. LHRH Antagonists in rhesus and cynomolgus monkeys. In: Veckery BI I, Nestor JR. JJ, Hafez ESE, eds. LHRH and Its Analogues: Contraceptive and Therapeutic Applications. Lancaster: MPT Press, Ltd., 1984.
17. Shanin RN, Miller WB, Shepard MK, Dalterio S, **Asch RH.** Cultural dimensions in obstetrics, gynecology and neonatology. In: Shimkin DB, Golde P, eds., Clinical Anthropology. A New Approach to American Health Problems? Lanham, Maryland: University Press of America, 1983.
18. **Asch RH,** Saxena BB, Gupta GN, Balmaceda JP, Rivera R, Croxatto HB, Coutinho E, Landesman R. Clinical Evaluation of Subcutaneous norethindrone (NET) implants: Phase I multicenter clinical studies. In: Zatuchni GI, Shelton JD, Goldsmith A, eds. Long-Acting Contraceptive Delivery System. Philadelphia: Harper & Row, 1983.
19. Smith CG, Almirez RG, Scher PM, **Asch RH.** Tolerance to the reproductive effects of delta-9-tetrahydrocannabinol: Comparison of the Acute, Short-Term and chronic drug effects on menstrual cycle hormones. In: Agurell S, Dwey WL, Willette RE, eds. The Cannabinoids: Chemical, Pharmacologic and Therapeutic Aspects. Orlando: Academic Press, 1984.
20. **Asch RH.** The effects of LHRH inhibitory analogues in the non-human primate. Basic studies in contraception and their direct applications for future clinical uses in both sexes. In: Labrie F, Belanger A, DuPont A, eds. Proceedings of the International Symposium on LHRH and Its Analogues. Amsterdam: Elsevier Science Publishers, Biomedical Division, 1984.
21. Smith CG, **Asch RH.** Acute short-term and chronic effects of marijuana on the female primate reproductive function. In: Braude MC, Ludford JP, eds. Marijuana Effects on the Endocrine and Reproductive Systems. National Institute on Drug Abuse. Bethesda, Maryland 1984.
22. **Asch RH.** LHRH Antagonists. Basic concepts and clinical applications in contraception both in females and males. In: Sciarra JJ. Prescetto G, Martini L, De Cecco L, eds. Fertility Control. Bologna, Italy: Monduzzi Editore, 1984.



23. **Asch RH**, Ellsworth LR, Balmaceda JP, Wong PC. Translaparoscopic gamete intra fallopian transfer (GIFT). In: Audebert A, Bourgeois M, Empeire JC, Meunier JM, eds. *Les Conceptions Induites. Induced Conceptions.* Fondazione per gli Studi sulla Riproduzione Umana. Luxograph de Palermo, Italy, 1985.
24. Balmaceda JP, **Asch RH**. Gamete intra fallopian transfer (GIFT). In: Fredericks CM, DeCherney A, Paulson JD, eds. *Foundations of In Vitro Fertilization.* New York: Hemisphere Publishing Corp, 1985.
25. Smith CG, **Asch RH**. Drug abuse and reproduction. In: Wallach EE, Kempers RD, eds. *Modern Trends In Infertility and Conception Control. Vol 4.* Chicago: Year Book Medical Publishers Inc., 1978.
26. **Asch RH**, Balmaceda JP. Comparative Non-Human Primate Studies with LH-RH Analogues. In: Gollwitzer M, Schley R, eds. *New Developments in Bioscience I. LH-RH and Its Analogues Fertility and Antifertility Aspects.* Berlin-New York: Walter de Gruyter, 1985.
27. Balmaceda JP, **Asch RH**. LH-RH Analogues and Luteal Phase Function of the Rhesus Monkey. In: Gollwitzer M, Schley R, eds. *New Developments in Bioscience I. LH-RH and Its Analogues Fertility and Antifertility Aspects.* Berlin-New York: Walter de Gruyter, 1985.
28. **Asch RH**, Wong PC, Borrero C. Analogues de LH-RH. Estudios básicos y su aplicación clínica. In: Acosta A, **Asch RH**, eds. *Avances En Reproduccion Humana.* Panamericana: Editorial Médica, 1987.
29. Jaimes-Carbajal H, **Asch RH**. Prolactina: Bases Fisiológicas, Patofisiología de secreción anormal y Manejo de sus desordenes. In: Acosta A, **Asch RH**, eds. *Avances En Reproduccion Humana.* Panamericana: Editorial Médica, 1987.
30. **Asch RH**, Balmaceda JP, Jaimes-Carbajal H. GIFT-Transferencia Intratubárica de Gametos. In: Acosta A, **Asch RH**, eds. *Avances En Reproducción Humana.* Panamericana: Editorial Médica, 1987.
31. Jaimes-Crabjal H, **Asch RH**. Prolactin: Physiological basis and pathophysiology of secretion disorders. In: **Asch RH**, ed. *Recent Advances in Human Reproduction.* Italy: Cofese, 1987.
32. Borrero C, **Asch RH**. LH-RH Analogues. In: **Asch RH**, ed. *Recent Advances in Human Reproduction.* Italy: Cofese, 1987.
33. Borrero C, Balmaceda JP, **Asch RH**. Gamete Intra Fallopian Transfer. In: **Asch RH**, ed. *Recent Advances in Human Reproduction.* Italy: Cofese, 1987.
34. Wong PC, **Asch RH**. Induction of Follicular Development with LH-RH. Basic and Clinical Aspects of LH-RH. In: Speroff L, ed. *Seminars in Reproductive Endocrinology.* Thieme Stratton, Inc., 1987.



35. Balmaceda JP, Borrero C, **Asch RH**. Use of LH-RH Analogues in Female Contraception. Basic and Clinical Aspects of LH-RH. In: Speroff L, ed. Seminars in Reproductive Endocrinology. Thieme Stratton, Inc., 1987.
36. Borrero C, **Asch RH**. Gamete Intrafallopian Transfer: Past, Present, Future. In: Sciarra JJ, ed. Gynecology and Obstetrics. Chicago: Lippincott J.B., Vol. 5, 1988.
37. Daich E, **Asch RH**. Anticoncepcion Hormonal. In: Terapéutica Hormonal en Ginecología. Librería el Ateneo Editorial, Chapter 10, 1988.
38. Wong PC, **Asch RH**. Gamete intrafallopian transfer (GIFT). In: Studd J, ed. Progress in Obstetrics & Gynecology. (Pub.) Vol. 7, Chapter 15, 1988.
39. Patrizio P, **Asch RH**. Intratubai Gamete and Embryo Transfer in Male Infertility. In: Rajfer J, ed. Common Problems in Infertility and Impotence. Chicago: Year Book Medical Publishers, 1989.
40. **Asch RH**. GIFT: Basic and clinical concepts of a new treatment for infertility of various cases. In: den Boer NC, ed. Clinical Chemistry - An Overview. New York: Plenum Press, 1989.
41. **Asch RH**. GIFT: Indications, Results, Problems and Perspectives. In: Capitanio GL, **Asch RH**, DeCecco L, Croce S, eds. GIFT: From Basics to Clinics, Sero Symposia Publications from Raven Press, Vol. 63, 1989.
42. Patrizio P, Ord T, Mareello E, Balmaceda JP, Silber S, **Asch RH**. Improvement of fertilization and implantation rate in cases of congenital absence of the vas deferens. In: Monduzzi, ed. IV International Congress of Andrology, Florence, Italy, May 14-18, Bologna, 1989.
43. Guidetti R, **Asch RH**. New Techniques of Tubal Gamete and Embryo Transfer. In: Brosens I, Gordon A, eds. Tubal Infertility. New York: JB Lippincott, Harper & Row, 1990.
44. Patrizio P, **Asch RH**. GIFT Procedure. In: Zuspan FD and Quilligan EJ, eds. Current Therapy in Obstetrics and Gynecology. Philadelphia: W.B. Saunders, 1990.
45. **Asch RH**. GIFT and Associated Techniques. In: Johnston I, Balmaceda JP, **Asch RH**, eds. Gamete Physiology. New York: Sero Symposia Publications from Plenum Press, 1990.
46. **Asch RH**, Silber SJ. Capacidad reproductiva de espermatozoides epididimarios. In: Remohi J, Pellicer A, Bonilla-Musoles F, eds. Advances en reproducción asistida. Spain: Ediciones Consulta, 1992.
47. Polak de Fried E, **Asch RH**. GIFT y otras técnicas de transferencia intratubarica. In: Remohi J, Pellicer A, Bonilla-Musoles F, eds. Advances en reproducción asistida. Spain: Ediciones Consulta, 1992.



48. Rotsztein DA, **Asch RH**. Edad y fertilidad. In: Remohi J, Pellicer A, Bonilla- Musoles F, eds. *Advances en reproducción asistida*. Spain : Ediciones Consulta, 1992.
49. Silber SJ, **Asch RH**. Epididymal Surgery. In: Templeton A and Drife J, eds. *Infertility*. Oxford: The Alden Press, 1992.
50. **Asch RH**. Egg and Embryo Donation: Implantation Aspects. In: Templeton A and Drife J, eds. *Infertility*, Oxford: The Alden Press, 1992.
51. Tadir Y, **Asch RH**. Gamete and embryo micromanipulation in human reproduction. In: Fishel & Symons, eds. Kent, England: Edward Arnold Publishers. 1993.
52. Patrizio P, **Asch RH**. Gamete and Embryo Tubal Transfer. In: Schlaff WD, Rock JA, eds. *Decision Making in Reproductive Endocrinology and Infertility*. Cambridge, London: Blackwell Scientific, 1993.
53. Borini A, **Asch RH**. Factors that affect implantation in the human. In: **Asch RH** and Studd JWW, eds. *Progress in Reproductive Medicine*. Lancs, UK: Parthenon Publishing Group LTD, 1993.
54. Horta I, **Asch RH**. Co-culture systems for human embryos: an update. In: **Asch RH** and Studd JWW, eds. *Progress in Reproductive Medicine*. Lancs, UK: Parthenon Publishing Group LTD, 1993.
55. **Asch RH**. Assisted reproductive technologies of the 80's and 90's: State of the art and a look at the future. In: Weir R and Beller F, eds. *The beginnings of individual human life: Medical, ethical, and legal issues*. Dordrecht, Netherlands: Kluwer Medical Publishers, 1993.
56. **Asch RH** and Weckstein LN. GIFT, ZIFT, TET and Beyond. In: Marrs R, ed. *Assisted Reproductive Technologies*. Cambridge, MA: Blackwell Scientific, 1993.
57. **Asch RH**, Vicino M. Tubal Embryo Transfer. In: Meldrum D, ed. *Infertility and Reproductive Clinics of North America*. Philadelphia: WB Saunders, 4(4):689-699, 1993.
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59. Frederick JL, **Asch RH**. Assisted Reproductive Technologies. In: Dooley M, ed. *Understanding Common Disorders in Reproductive Endocrinology*. London: John Wiley & Sons, Ltd, 1994.
60. Patrizio P, **Asch RH**. Basic physiologic mechanisms in human epididymal sperm. In: Colpi G, ed. *Treating Male Infertility: New Possibilities*. Basel: Karger-Basel, vol. 16, 1994.



61. Patrizio P, **Asch RH**. Congenital absence of the vas deferens and cystic fibrosis transmembrane conductance regulator gene: Evidence for a common genetic background. In: Bartke A, ed. *Function of Somatic Cells in the Testis*. New York: Springer-Verlag, vol 28, 1994.
62. Patrizio P, **Asch RH**. GIFT procedure. In: Zuspan FD and Quilligan CJ, eds. *Current Therapy in Obstetrics and Gynecology*, fourth edition. Philadelphia: W.B. Saunders 1994.
63. Patrizio P, **Asch RH**. Microsurgical epididymal sperm aspiration. In: Zuspan FD and Quilligan CJ, eds. *Current Therapy in Obstetrics and Gynecology*, fourth edition. Philadelphia: W.B. Saunders 1994.
64. Patrizio P, **Asch RH**. Ultrastructure, immunology and fertilization properties of human epididymal sperm. In: Dufau M, Fabbri A, Isidori A, eds. *Cell and Molecular Biology of the Testis*. Frontiers in Endocrinology, vol 5, 1994.
65. **Asch RH**. Gamete /Zygote intrafallopian tube transfer. In: Adashi E, Rosenwaks Z, eds. *Reproductive Endocrinology, surgery, and Technology*. New York: Raven Press. 1995.
66. Maloul S, Manzur A, **Asch RH**. The Obstetric outcome of assisted reproductive techniques. In: **Asch RH**, Studd JWW, eds. *Annual Progress in Reproductive Medicine*, London : Parthenon Publishing, 1995.
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69. Balmaceda JP, Manzur A, **Asch RH**. Gamete Intrafallopian Transfer. In: Keye W, Chang J, Rebar RW, Soules M, eds. *Infertility: Evaluation and Treatment*. Philadelphia: WB Saunders, 1995.
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72. **Asch RH**. Ovarian hyperstimulation syndrome. In: *Proceedings of IXth World Congress on In Vitro Fertilization and Assisted Reproduction*, Vienna, Austria, April 3-7, 1995. Bologna, Italy: Monduzzi Editore.



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74. Goldsman MP, **Asch RH**. Negative aspects of assisted reproductive technology. In: Remohi J, Pelicer A, Simon C, eds. New Advances in Human Reproduction. 1996.
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XVIII- Journal Articles, Peer Reviewed

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2. Schuchner E, Paczy A, **Asch RH**. Visualización de cationes inorgánicas en vagina de bajo acción atrogénica. Revista de la XVI Reunión de la Sociedad Argentina de Investigación Clínica. Pagina 136, Novi Córdoba Argentina.
3. Schuchner E, Paczy A, **Asch RH**. Subcellular distribution of some inorganic cations in the vaginal epithelium of the rat. J Reprod Fertil 30:283, 1972.
4. Otturi JE, Gomez-Rueda N, **Asch RH**, Young-Nicholson E, III. Jornadas de Tocoginecología de la S.A.S.F.A.- Sociedad Argentina de Sanidad de las Fuerzas Armadas. Julio 2-3, 1973, Buenos Aires, Argentina.
5. Tatti MA, **Asch RH**, Ithurralde-Argerich O. Biopsia colposcópica' Índice de acierto sobre la mayor patología en los estadios iniciales del carcinoma de cuello uterino. IX Reunión Anual de la Sociedad Argentina de Patología Cervical y Colposcopia. Merlo, San Luis, Argentina, Noviembre 1973.
6. Tatti MA, **Asch RH**, Allami C, Ithurralde-Argerich O. Análisis de la Clase III Colposcópica (clasificación de Vazques Ferro-Tatti). IX Reunión Anual de la Sociedad Argentina de Patología Cervical y Colposcopia. Merlo, San Luis, Argentina.
7. Tatti MA, Ithurralde-Argerich O, **Asch RH**, Pasqualini SR. Nuestro concepto sobre el valor actual de la Colposcopia. XXXV Congreso de la Sociedad Argentina de Obstetricia y Ginecología. Santiago del Estero, Argentina Septiembre, 1974.
8. **Asch RH**, Greenblatt RB. Update on the safety and efficacy of clomiphene citrate as a therapeutic agent. J Reprod Med 17:175, 1976.
9. **Asch RH**. Laparoscopic recovery of sperm from peritoneal fluid, in patients with negative or poor Sims-Huhner Test. Fertil Steril 27:1111, 1976.
10. **Asch RH**, Greenblatt RB. Valorización Clínica y Experimental de Un Nuevo Agente Inhibidor de las Gonadotrofinas. Rev Obstet Ginecol Latin Am 34:281, 1976.
11. **Asch RH**, Greenblatt RB. Genetic hirsutism: Evaluation and treatment. Contemporary OB/GYN 8:69, 1976.
12. Bryner JR, **Asch RH**, Greenblatt RB. A case of bilateral gonado-blastoma in streak gonads. Obstet Gynecol 50:305, 1977.
13. Colle ML, **Asch RH**, Greenblatt RB. Kallman's Syndrome: Effect of repeated stimulation of pituitary-gonadal axis with LHRH. J Reprod Med 18:31, 1977.



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15. Greenblatt RB, **Asch RH**, Mahesh VB, Bryner JR. Implantation of pure crystalline pellets of estradiol for conception control. *Am J Obstet Gynecol* 127:520, 1977.
16. **Asch RH**, Balmaceda JP, Pauerstein CJ. Failure of seminal plasma to enter the uterus and oviducts of the rabbit following artificial insemination. *Fertil Steril* 28:671- 673, 1977.
17. **Asch RH**, Fernandez EO, Pauerstein CJ. Immunodetection of a human chorionic gonadotropin-like substance in human sperm. *Fertil Steril* 28:1258, 1977.
18. **Asch RH**, Greenblatt RB. Primary and membranous dysmenorrhea. *South Med J* 71:1247, 1978.
19. Bryner RJ, Gammal TE, Acker JD, **Asch RH**, Greenblatt RB. Intracellar subarachnoid herniation or empty sella associated with galactorrhea. *Obstet Gynecol* 51:198, 1978.
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21. **Asch RH**. Sperm recovery in peritoneal aspirate after negative Sims Huhner Test - A follow-up. *Int J Fertil* 23:57, 1978.
22. **Asch RH**, Fernandez EO, Magnasco L, Pauerstein CJ. Demonstration of a chorionic gonadotropin-like substance in rabbit morulae. *Fertil Steril* 29:444, 1978.
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XIX- Abstracts and Posters

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117. **Asch RH**, Wong PC, Balmaceda JP, Heitman T, Ellsworth LR. Gamete intra fallopian transfer (GIFT) - An alternative method of conception. 33rd Annual Meeting, Pacific Coast Fertility Society, April 24-28, 1985.
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122. Ellsworth LR, Balmaceda JP, Wong PC, **Asch RH**. Pregnancy results after gamete intrafallopian transfer (GIFT). 41st Annual Meeting, Society of Obstetricians and Gynecologists of Canada, Jasper, Alberta, Canada. June 19-21, 1985.
123. Rojas FJ, Cammack T, Ellsworth LR, **Asch RH**. Inhibition of gonadotropin-sumulable luteal adenyl cycles by a non steroidal factor in human follicula fluid. 67th Annual Meeting, The Endocrine Society, Chicago, IL, June 19-21, 1985.



124. Tice TR, Gilley RM, Flores RJ, Kirkpatrick J, **Asch RH**. Three and six-month controlled release testosterone microcapsules. 12th International Symposium Controlled Release Society, July, 1985.
125. Wong PC, Ellsworth LR, Balmaceda JP, **Asch RH**. Initial experience with a program in gamete intra fallopian transfer (GIFT). 19th Malaysia-Singapore Congress of Medicine, Kuala Lumpur, August 1-4, 1985.
126. Wong PC, Balmaceda JP, Blanco J, Gibbs R, **Asch RH**. Bacteriological evidence for the removal of urea plasma urealyticum and other microorganisms from human semen by a semen wash and "swim-up" technique. 19th Malaysia-Singapore Congress of Medicine, Kuala Lumpur, August 1-4, 1985.
127. Wong PC, Balmaceda JP, Ellsworth LR, Schenken RS, **Asch RH**. Low yield of oocyte recovery by follicular flush following negative aspiration of follicles. 10th Asian and Oceanic Congress of OB/GYN, Colombo, Sri Lanka, September 8-10, 1985.
128. Wong PC, Balmaceda JP, Heitman T, Moreno A, **Asch RH**. A primate model for induction of multiple follicular development for studies in in-vitro fertilization (IVF) and gamete intra fallopian transfer (GIFT). 10th Asian Oceanic Congress of OB/GYN, Colombo, Sri Lanka, September 8-10, 1985.
129. Wong PC, Balmaceda JP, Ellsworth LR, Burgos-Briceno L, Schenken RS, **Asch RH**. Intrauterine insemination (IUI) of "washed" sperm for treatment of male factor, cervical factor and unexplained infertility. 10th Asian and Oceanic Congress of OB/GYN, Colombo, Sri Lanka, September 8-10, 1985.
130. Wong PC, Balmaceda JP, Blance J, Gibbs R, **Asch RH**. Bacteriological evidence for the removal of urea plasma urealyticum and other microorganisms from human semen by semen wash and "swim-up" technique. 10th Asian and Ocean Congress of OB/GYN, Colombo, Sri Lanka, September 8-10, 1985.
131. Wong PC, Ellsworth LR, Balmaceda JP, **Asch RH**. Initial experience with a program in gamete intra fallopian transfer (GIFT). 10th Asian and Oceanic Congress of OB/GYN, Colombo, Sri Lanka, September 8-10, 1985.
132. Saxena BB, Landesman R, Ledger WJ, **Asch RH**, Rivera A. Norethindrone (NET) pellets as long-acting contraceptive. 33rd Annual Meeting, Society for the Advancement of Contraception, Bordeaux, France, September 9-13, 1985.
133. Wong PC, Heitman T, Balmaceda JP, Ellsworth LR, **Asch RH**. Gamete intrafallopian transfer (GIFT) in rhesus monkeys. XIth World Congress of Gynecology and Obstetrics. Federation of International Societies of Gynecology and Obstetrics, West Berlin, Germany, September 15-20, 1985.
134. Balmaceda JP, Ellsworth LR, Wong PC, **Asch RH**. Gamete Intrafallopian transfer (GIFT) as a therapy for infertility. XIth World Congress of Gynecology and Obstetrics. The Federation of International Societies of Gynecology and Obstetrics, West Berlin, Germany, September 15-20, 1985.
135. **Asch RH**, Balmaceda JP, Wong PC, Ellsworth LR. GIFT: A modern treatment for infertile couples. Series I (gamete intra fallopian transfer). 41st Annual Meeting, The American Fertility Society, Chicago, IL, September 28- October 2, 1985.
136. **Asch RH**, Heitman R, Tice T. The effects of a biogradable micro-capsule formulation of testosterone in adult male rhesus monkeys. 41st Annual Meeting, The American Fertility Society, Chicago, IL, September 28-October 2, 1985.
137. Blackwell RE, Rodgers-Neame NT, **Asch RH**. In vivo evaluation of possible paracrine control of prolactin (PRL) secretion by gonadotropes using GnRH agonists and antagonists. 41st Annual Meeting, The American Fertility Society, Chicago, IL, September 28-October 2, 1985.



- 138.** Santos R, **Asch RH**. In vitro penetration of human sperm into bovine cervical mucus: Effects of semen washing swim-up. 41st Annual Meeting. American Fertility Society, Chicago, IL, September 28-October 2, 1985.
- 139.** Wong PC, Heitman T, Balmaceda JP, Ellsworth LR, **Asch RH**. Pregnancies following gamete intra fallopian transfer (GIFT) in the macaca mulatta. 41st Annual Meeting, The American Fertility Society, Chicago, IL, September 28-October 2, 1985.
- 140.** Rojas FJ, Tice T, Schaliy AV, **Asch RH**. Studies of a new long-acting LHRH agonists microcapsule formulation. Effects of D-Trp-6-LH-RH in rodents and nonhuman primates. 41st Annual Meeting, the American Fertility Society, Chicago, IL, September 28-October 2, 1985.
- 141.** **Asch RH**. GIFT: Gamete intrafallopian transfer. 17th Annual Meeting, International Society of Reproductive Medicine. Augusta, GA, November 12-16, 1985.
- 142.** **Asch RH**. Beyond GIFT and IVF: Biologic Concepts. 17th Annual Meeting, International Society of Reproductive Medicine, Augusta, GA, November 12-16, 1985.
- 143.** Balmaceda JP, Heitman TO, **Asch RH**, Pauerstein CJ, Pool TB. In vitro fertilization and embryo cryopreservation in cynomolgus monkeys. 33rd Annual Meeting, Society for Gynecologic Investigation, Toronto, Ontario, Canada. March 19-1986.
- 144.** Blackwell R, Rodgers-Neame N, Garrison P, **Asch RH**. Effect of LH/FSH α and β subunits on prolactin (PRL) secretion in vitro. 33rd Annual Meeting, Society for Gynecologic Investigation, Toronto, Ontario, Canada. March 19-22, 1986.
- 145.** Rochester M, **Asch RH**, Martin M. Does short-interval abstinence improve semen parameters? 33rd Annual Meeting, Pacific Coast Fertility Society, San Diego, CA, April 9-13, 1986.
- 146.** Zuo WL, **Asch RH**, Rojas FJ. A sensitive cell-free bioassay for direct measurement of hCG in human serum using the gonadotropin-responsive adenyl cyclase (AC) of rat corpus luteum (CL): Clinical application to normal pregnancy. 68th Annual Meeting, The Endocrine Society, Anaheim, CA, June 25-27, 1986.
- 147.** **Asch RH**. Testosterone microcapsules and LHRH antagonist administration to rhesus monkeys: A new approach to male contraception. 2nd Meeting, European Society of Human Reproduction and Embryology, Brussels, Belgium. June 22-25, 1986.
- 148.** **Asch RH**. Pregnancy following GIFT (gamete intrafallopian transfer) in premature ovarian failure. 2nd Meeting, European Society of Human Reproduction and Embryology, Brussels, Belgium. June 22-25, 1986.
- 149.** **Asch RH**. Results of one hundred consecutive cases of infertility treated with gamete intra fallopian transfer (GIFT). 2nd Meeting, European Society of Human Reproduction and Embryology, Brussels, Belgium. June 22-25, 1986.
- 150.** **Asch RH**, Balmaceda JP, Ellsworth LR, Daich E, Santos R, Garcia R, Garcia MR, Remorgida V, Zuo WL. Gamete intrafallopian transfer (GIFT): Experiences with an individualized induction of follicular development regime and microlaparotomy. 33rd Annual Meeting, Society for Gynecologic Investigation, Toronto, Ontario, Canada, March 19-22, 1986.
- 151.** Balmaceda JP, Heitman TO, **Asch RH**. In vivo versus in vitro oocyte maturation and fertilization in cynomolgus monkeys. XIth Annual Congress of International Primatological Society. Gottengen, Fed. Rep. Germany. July 20-25, 1986.
- 152.** **Asch RH**, Heitman T, Rochester MA, Lewis D. Testosterone micro-capsules and LHRH antagonist administration to rhesus monkeys: A new approach to male contraception. The American Fertility Society/Canadian Fertility and Andrology Society Annual Meeting, Toronto, Ontario, Canada. September 27-October 2, 1986.



153. **Asch RH**, Balmaceda JP, Rochester MA. Pregnancy following GIFT (gamete intrafallopian transfer) in premature ovarian failure. The American Fertility Society/Canadian Fertility and Andrology Society Annual Meeting, September 27- October 2, 1986.
154. Balmaceda JP, Heitman TO, Borrero C, **Asch RH**. In vivo versus in vitro oocyte maturation in a primate animal model. The American Fertility Society/Canadian Fertility and Andrology Society Meeting, Toronto, Canada. September 27- October 2, 1986.
155. Balmaceda JP, Wong PC, Ellsworth LR, Asch RH. Results of one hundred consecutive cases of infertility treated with gamete intrafallopian transfer (GIFT). The American Fertility Society/Canadian Fertility and Andrology Annual Meeting, Toronto, Canada. September 27-October 2, 1986.
156. **Asch RH**, Balmaceda JP, Borrero C. Pregnancies following GIFT (gamete intrafallopian transfer) in premature ovarian failure. XIIth World Congress on Fertility and Sterility, Singapore. October 26-31, 1986.
157. Balmaceda JP, Heitman TO, Borrero C, **Asch RH**. Gamete interaction in a primate IVF model. XIIth World Congress on Fertility and Sterility, Singapore, October 26-31, 1986.
158. **Asch RH**, Heitman TO, Rochester MA, Lewis D. Testosterone micro-capsules and LHRH antagonist administration to rhesus monkeys. A new approach to male contraception. XIIth World Congress on Fertility and Sterility, Singapore, October 26-SI, 1986.
159. **Asch RH**, Asch B, Asch G, Asch M, Bray R, Rojas FJ. Performance and sensitivity to 1986 home pregnancy tests. XIIth World Congress on Fertility and Sterility. Singapore. October 26-31, 1986.
160. Balmaceda JP, Ord T, **Asch RH**, Rojas FJ. Intramural transfer of embryos in macaca fascicularis: Effect of hyperstimulation and synchrony. Vth World Congress In-Vitro Fertilization and Embryo Transfer, Norfolk, VA, April 5-10, 1987.
161. **Asch RH**. Results of the multicentric international cooperative study of GIFT. Vth World Congress In-Vitro Fertilization and Embryo Transfer, Norfolk, VA, April 5-10, 1987.
162. Rojas FJ, Moretti-Rojas I, Balmaceda JP, **Asch RH**. Measurement of anti LH/hCG activity in human follicular fluid (hFF). Vth World Congress In-Vitro Fertilization and Embryo Transfer, Norfolk, VA, April 5-10, 1987.
163. Ord T, Balmaceda JP, Rojas FJ, **Asch RH**. Induction of azoospermia in the non-human primate with an LH-RH antagonist and testosterone microcapsules. 35th Annual Meeting Pacific Coast Fertility Society. Palm Springs, CA, May 6-10, 1987.
164. Balmaceda JP, Ord T, Borrero C, Rojas FJ, **Asch RH**. Variables affecting gamete interaction and embryo growth in a primate IVF-GIFT model. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, May 6-10, 1987.
165. Borrero C, Jaimes H, Rojas FJ, **Asch RH**, Balmaceda JP. Long acting biodegradable norethindrone microcapsules: Phase I Studies with different dosages. 35th Annual Meeting of the Pacific Coast Fertility Society, Palm Springs, CA, May 6-1987.
166. Rojas FJ, Moretti-Rojas I, Balmaceda JP, **Asch RH**. Measurement of anti LH- hCG activity in human follicular fluid (hFF). 35th Annual Meeting of the Pacific Coast Fertility Society. (ABBOTT AWARD WINNER), Palm Springs, CA, May 6-10, 1987.
167. **Asch RH**. GIFT: Basic and clinical concepts of a new treatment for infertility of various causes. 1987 International Congress of Clinical Chemists, The Hague, Netherlands, June 30-July 3, 1987.
168. Cefalu E, Balmaceda JP, Guastella G, Ord T, Cittadini E, **Asch RH**. Successful GIFT following failed AID: Evidence for a defect in gamete transfer. 43rd Annual Meeting of the American Fertility Society, Reno, NV, Sept. 27-Oct. 2, 1987.



169. **Asch RH**, Balmaceda JP, Ord T, Borrero C, Cefalu E, Gastaldi C, Rojas FJ. Oocyte donation and GIFT in premature ovarian failure (POF). 43rd Annual Meeting of the American Fertility Society, Reno, NV, Sept 27-Oct. 2, 1987 (GENERAL PROGRAM PRIZE PAPER WINNER).
170. **Asch RH**. GIFT: Past, Present and Future. VIth World Congress on Human Reproduction, Tokyo, Japan, Oct. 25-30, 1987.
171. Silber SJ, **Asch RH**, Ord T, Borrero C, Balmaceda JP. New Treatment for infertility due to congenital absence of vas deferens: Evidence against the indispensability of the epididymis. Annual Meeting of the American Society of Andrology, Houston, TX, March 27-29, 1988.
172. Balmaceda JP, Gastaldi C, Remohi J, Ord T. Borrero C, **Asch RH**. Tuba! Embryo Transfer (TET) as a treatment for infertility due to male factor. 35th Annual Meeting, Society for Gynecologic Investigation Annual Meeting, Baltimore, MD, March 17-20, 1988.
173. Rojas FJ, Moretti I, Balmaceda JP, **Asch RH**. Measurement of serum LH after hCG administration during ovarian stimulation with gonadotropins. 35th Annual Meeting, Society for Gynecologic Investigation, Baltimore, MD, March 17-20, 1988.
174. Geisthoevel F, Moretti-Rojas I, Rojas FJ, **Asch RH**. Immunoreactive insulin-like growth factor I in human follicular fluid. 35th Annual Meeting, Society for Gynecologic Investigation, Baltimore, MD, March 17-20, 1988.
175. Balmaceda JP, Gastaldi C, Remohi, Borrero C, Ord T, **Asch RH**. Treatment of infertility due to male factor with tubal embryo transfer (TET): Preliminary Results. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA April 13-17, 1988.
176. Geisthoevel F, Moretti-Rojas I, Rojas FJ, **Asch RH**. Immunoreactive insulin-like growth factor I in human follicular fluid. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 13-17, 1988.
177. Silber SJ, Ord T, Borrero C, Balmaceda JP, **Asch RH**. New treatment for infertility due to congenital absence of vas deferens: Evidence against the indispensability of the epididymis. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 13-17, 1988. (ABBOTT AWARD WINNER).
178. Remohi J, Zuluaga C, Borrero C, Ord T, Balmaceda JP, **Asch RH**. Intrauterine inseminations (IUI) and induction of ovulation in pre-gift cycles. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 13-17, 1988.
179. Borrero C, Ord T, Balmaceda JP, **Asch RH**. Oocyte donation and gamete intrafallopian transfer (GIFT) in premature ovarian failure (POR). Presented at the Pacific Coast Fertility Society, 35th Annual Meeting, Palm Springs, CA, April 13-17, 1988.
180. Rojas FJ, Moretti I, Balmaceda JP, **Asch RH**. Delayed occurrence of an LH surge after hCG administration during ovarian stimulation with gonadotropins: Effect of GnRH treatment. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 13-17, 1988.
181. Stone S, Peterson E, de la Maza L, Yee B, **Asch RH**, Balmaceda JP, Gastaldi C. incidence of c. trachomatis and rate of pregnancy in patients undergoing IVF, GIFT and microtuboplasty. 35th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 13-17, 1988.
182. **Asch RH**. Fertilization humana: metodos de diagnostico y tratamiento. Fisiologia de la Reproduccion para Latinoamerica, Buenos Aires, Argentina, May 16-1988.
183. **Asch RH**. Gamete donation in a GIFT program. 20th Annual Meeting of the International Society for Reproductive Medicine, London, England, June 19-22, 1988. (WINTHROP AWARD).



184. Remohi J, Patrizio P, Borrero C, Gerli S, Balmaceda JP, **Asch RH**. Controlled ovarian hyperstimulation for IVF/GIFT Cycle: Use of an LH-RH Analogue and Gonadotropin therapy. 44th Annual Meeting, American Fertility Society, Atlanta, GA, October 8-13, 1988.
185. Gerli S, Remohi J, Patrizio P, Borrero C, Balmaceda JP, Silber SJ, **Asch RH**. Programming of ovarian stimulation with norethindrone acetate in IVF/GIFT cycles. 44th Annual Meeting, American Fertility Society, Atlanta, GA, October 8-13, 1988.
186. Silber S, Balmaceda JP, Ord T, Zuluaga C, du Plessis Y, Borrero C, **Asch RH**. Fertilizing capacity of epididymal sperm in the human. 44th Annual Meeting, American Fertility Society, Atlanta GA, October 8-13, 1988.
187. Rojas FJ, Moretti I, Balmaceda JP, **Asch RH**. Delayed occurrence of an LH surge after hCG administration during ovarian stimulation with gonadotropins: Effect of GnRH treatment. 44th Annual Meeting, American Fertility Society, Atlanta, GA, October 8-13, 1988.
188. Moretti I, Rojas FJ, Leisure M, **Asch RH**, Stone SC. Incidence of anti sperm antibodies after intrauterine inseminations with washed human spermatozoa. 44th Annual Meeting, American Fertility Society, Atlanta, GA, October 8-13, 1988.
189. Geisthoevel F, Moretti-Rojas I, Rojas FJ, **Asch RH**. Insulin Like Growth Factor-II (IGF-II) Messenger Ribonucleic Acid (mRNA), But not IGF-I mRNA, is Present in Luteinized Human Granulosa Cells. The International Symposia on Gamete Physiology, Newport Beach, CA, November 6-10, 1988.
190. Ord T, Marello E, Balmaceda JP, **Asch RH**. The Use of a Modified Percoll Technique in IVF for Cases of Severe Oligoasthenospermia. The International Symposia of Gamete Physiology, Newport Beach, CA, November 6-10, 1988.
191. Patrizio P, Morretti-Rojas I, Ord T, Silber S, Balmaceda JP, **Asch RH**. Incidence of Antisperm antibodies in men undergoing microsurgical epididymal sperm aspiration (MESA). The International Symposia on Gamete Physiology, Newport Beach, CA, November 6-10, 1988.
192. Patrizio P, Ord T, Silber S, Balmaceda JP, **Asch RH**. Preliminary results of microsurgical epididymal sperm aspiration (MESA) and In-Vitro Fertilization (IVF). The International Symposia on Gamete Physiology, Newport Beach, CA, November 6-10, 1988.
193. Patrizio P, Moretti-Rojas, Ord T, Balmaceda JP, Silber S, **Asch RH**. Sperm antibodies in men with congenital obstructive azoospermia. 37th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 12-16, 1989.
194. Lessor R, Remohi J, Balmaceda JP, **Asch RH**. Social psychology of oocyte donation among Premature Ovarian Failure patients and their donor sisters. 37th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 12-16, 1989.
195. Balmaceda JP, Remohi J, Ord T, Rojas F, **Asch RH**. Implantation rates with assisted conception: intrauterine versus tubal transfers. 37th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 12-16, 1989.
196. **Asch RH**, Ord T, Balmaceda JP, Patrizio P, Marello E, Silber S. Infertility due to Congenital Absence of the Vas Deferens: results of a new treatment based on epididymal sperm retrieval, In Vitro Fertilization, and Tubal Embryo Transfer. 37th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 12-16, 1989.
197. Tadir Y, Wright WH, Vafa O, Ord T, Morello E, **Asch RH**. Micromanipulation of sperm by a laser generated optical trap. 37th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 12-16, 1989. (ABBOT AWARD WINNER)
198. Remohi J, Moyer DL, Ord T, Balmaceda JP, **Asch RH**. Histologic evidence of progesterone deficiency and high pregnancy rate in Premature Ovarian Failure (POF) patients; an apparent contradiction. 37th Annual Meeting, Pacific Coast Fertility Society Palm Springs, CA, April 12-16, 1989.



199. Yang Y-S, **Asch RH**, Balmaceda J, Silber SJ, Rojas FJ, Stone SC. The ability of human epididymal sperm to undergo acrosome reaction (AR) and to fertilize human oocyte in vitro. 37th Annual Meeting, Pacific Coast Fertility Society, Palm Springs, CA, April 12-16, 1989.
200. Silber SJ, Ord T, Balmaceda J, Patrizio P, **Asch RH**. Microsurgical retrieval of sperm for IVF from the proximal epididymis and vasa efferentia in men with congenital absence of vas. 37th Annual Meeting, Pacific Coast Fertility Society Palm Springs, CA, April 12-16, 1989. (PRACTICING PHYSICIAN AWARD).
201. Geisthovel F, Moretti-Rojas IM, Rojas FJ, **Asch RH**. Does human follicular fluid (FF) IGF-I derive from circulation, whereas FF IGF-II is secreted by human granulosa cells (GCs)? VI World Congress In Vitro Fertilization and Alternate Assisted Reprod., Jerusalem, Israel, April 2-7, 1989.
202. Balmaceda JP, Remohi J, Ord T, Patrizio P, **Asch RH**. Tubal Embryo Transfer (TET); results in cases of oligoasthenospermia and failed GIFT. VI World Congress In Vitro Fertilization and Alternate Assisted Reprod., Jerusalem, Israel, April 2-7, 1989.
203. Balmaceda JP, Remohi J, Gerli S, Ord T, **Asch RH**. Embryo implantation rates: comparison of tubal versus embryo or oocyte transfers. VI World Congress In Vitro Fertilization and Alternate Assisted Reprod. Jerusalem, Israel, April 2-7, 1989.
204. Patrizio P, Gerli S, Remohi J, Ord T, Balmaceda JP, **Asch RH**. Menstrual cycle manipulation with Norethindrone Acetate (NET): an effective form of timing oocyte pickup. VI World Congress In Vitro Fertilization and Alternate Assisted Reprod., Jerusalem, Israel, April 2-7, 1989.
205. **Asch RH**. GIFT: past, present, future. VI World Congress In Vitro Fertilization and Alternate Assisted Reprod., Jerusalem, Israel, April 2-7, 1989.
206. Tadir Y, Wright WH, Vafa O, Liaw L-H, Hammer-Wilson MJ, Ord T, Marello E, Jones GM, Rojas FJ, **Asch RH**, Berns MW. Micromanipulation of gametes with laser microbeams. VI World Congress In Vitro Fertilization and Alternate Assisted Reprod., Jerusalem, Israel, April 2-7, 1989.
207. Patrizio P, Ord T, Marello E, Balmaceda JP, Silber S, **Asch RH**. Improved fertilization and implantation rate with a modified Percoll gradient and Tubal Embryo Transfer in Congenital Absence of Vas Deferens. IV International Congress of Andrology, Florence, Italy, May 14-18, 1989.
208. Daich E, Polak de Fried E, Blanco L, Garfagnini R, Piazza A, Lancuba S, **Asch RH**. A successful program of tubal transfer procedures (PROST/TEST). XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-6, 1989.
209. Carriza G, Gutierrez C, Piazza A, Daich E, **Asch RH**, Polak de Fried E. The IVF test: Correlation with the sperm analysis. XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-6, 1989.
210. Polak de Fried E, Lancuba S, Daich E, Piazza A, **Asch RH**. Oocyte donation and GIFT, TEST and IVF-ET in premature ovarian failure. XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-6, 1989.
211. Gutierrez C, Garfagnini R, Lancuba S, Blanco L, Daich E, **Asch RH**, Polak de Fried E. LH-RH analogues and Norethisterone Acetate in IVF-ET/TEST program. XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-6, 1989.
212. **Asch RH**. Infertility due to congenital absence of vas deferens: Results of a new treatment based on epididymal sperm retrieval, in vitro fertilization and tubal embryo transfer. XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-1989.



213. **Asch RH.** New Treatment of male infertility: GIFT and ZIFT. XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-6, 1989.
214. Balmaceda JP, Remohi J, Ord T, Rojas F, **Asch RH.** Implantation rates with assisted conception: Intrauterine versus tubal transfers. XIII World Congress on Fertility and Sterility, Marrakesh, Morocco, October 1-6, 1989.
215. Patrizio P, Remohi J, Ord T, Silber S, **Asch RH.** Tubal Embryo Transfer (TET): results of 145 consecutive cases. 45th Annual Meeting, American Fertility Society San Francisco, CA, November 11-16, 1989.
216. Rosen GF, Patrizio P, Silva P, **Asch RH,** Yee B. The significance of early fetal cardiac motion (CM) on pregnancy outcome. 45th Annual Meeting, American Fertility Society, San Francisco, CA, November 11-16, 1989.
217. Tadir Y, Wright WM, Vafa O, Ord T, **Asch RH,** Berns MW. Micromanipulation of sperm by a laser generated optical trap (video). 45th Annual Meeting, American Fertility Society, San Francisco, CA, November 11-16, 1989.
218. **Asch RH.** GIFT and new reproductive technology. XII Asian & Oceanic Congress on OB/GYN, Taipei, Taiwan, December 3-8, 1989.
219. **Asch RH,** Silber S. Infertility due to congenital absence of the vas deferens: Results of a new treatment based on epididymal sperm retrieval, in vitro fertilization, and tubal embryo transfer. XII Asian & Oceanic Congress on OB/GYN, Taipei, Taiwan, December 3-8, 1989.
220. Tadir Y, Wright WH, Vafa O, **Asch RH,** Berns MW. Micromanipulation of gametes with laser beams. Israel Fertility Society, Tel-Aviv, Israel, January 1990.
221. Balmaceda JP, Rotsztein D, Remohi J, **Asch RH.** Embryo implantation rates: Comparison of GIFT and IVF-ET results during stimulated vs. replacement cycles. 37th Annual Meeting of the Society for Gynecologic Investigation, St. Louis, MO, March 21-1990.
222. Patrizio P, Remohi J, Ord T, Silber SJ, Zamboni L, **Asch RH.** Sperm disposal mechanisms and fertilization capacity in men with congenital absence of the vas deferens. 15th Annual Meeting, American Society of Andrology, Columbia, SC, April 6-10, 1990.
223. Singh M, Kaali O, Saxena B, **Asch RH.** Anti-LH-receptor antibodies in idiopathic ovarian resistance. 38th Annual Meeting, Pacific Coast Fertility Society Scottsdale, AZ, April 25-29, 1990.
224. Silber SJ, Ord T, Balmaceda J, Patrizio P, **Asch RH** Congenital absence of the vas deferens: Studies on the fertilizing capacity of human epididymal sperm. 38th Annual Meeting, Pacific Coast Fertility Society, Scottsdale, AZ, April 25-29, 1990.
225. Lessor R, Reitz K, Balmaceda JP, **Asch RH.** Survey of public attitude toward oocyte donation between sisters. 38th Annual Meeting, Pacific Coast Fertility Society, Scottsdale, AZ, April 25-29, 1990.
226. Rotsztein DA, Remohi J, Borrero C, Ord T, Balmaceda JP, **Asch RH.** Assisted reproductive technologies and oocyte donation: A review of 75 consecutive cases. 38th Annual Meeting, Pacific Coast Fertility Society Scottsdale, AZ, April 25-29, 1990.
227. **Asch RH,** Balmaceda JP, Weckstein LN, Rojas F, Spitz IM and Tadir Y. Non-surgical expulsion of non-viable early pregnancy: A new application of RU486. 38th Annual Meeting, Pacific Coast Fertility Society Scottsdale, AZ, April 25-29, 1990. (TAP 2nd PLACE AWARD).
228. **Asch RH,** Balmaceda JP, Weckstein LN, Stone SC. Incidence of severe ovarian hyperstimulation (SOH) syndrome following gonadotropin administration and transvaginal follicular aspiration (TVA). 38th Annual Meeting, Pacific Coast Fertility Society Scottsdale, AZ, April 25-29, 1990.



229. Moretti-Rojas IM, Young L, Balmaceda JP, **Asch RH**, Rojas FJ. A human follicular fluid fraction that stimulates human and rat corpus luteum adenylyl cyclase. 72nd Annual Meeting of The Endocrine Society, Atlanta, GA, June 20-23, 1990.
230. Polak de Fried E, Dain L, Stein P, **Asch RH**, Charreau FH, Tesone M. Hormonal regulation of progesterone production in human culture granulosa cells. VII World Congress on Human Reproduction, Helsinki, Finland, June 26-July 1, 1990.
231. Baron L, **Asch RH**, Polak de Fried E. Psychological evaluation of the recipient in an ovum donation program from diagnosis to motherhood. VII World Congress on Human Reproduction, Helsinki, Finland, June 26-July 1, 1990.
232. Nakamura M, Maciel MC, Veiga A, **Asch RH**. Establishment of egg donation program in Brazil. VII World Congress on Human Reproduction, Helsinki, Finland, June 26-July 1, 1990.
233. Nakamura M, Maciel MC, Veiga A, **Asch RH**. Use of the GnRH/LH-RH analog leuprolide acetate on ovulation induction, for in vitro fertilization (IVF) and gamete intra fallopian transfer (GIFT). VII World Congress on Human Reproduction, Helsinki, Finland, June 26-July 1, 1990.
234. **Asch RH**. The fertilizing capacity of human epididymal sperm. VII World Congress on Human Reproduction, Helsinki, Finland, June 26-July 1, 1990.
235. **Asch RH**. Implantation rates with assisted conception: Intrauterine versus tubal transfers. VII World Congress on Human Reproduction, Helsinki, Finland, June 26- July 1, 1990.
236. Baron L, **Asch RH**, Polak de Fried E. Psychological follow up of patients suffering from premature ovarian failure in an ovum donation program. ESHRE '90 - Second Joint Meeting, Milan, Italy, August 29-September 1, 1990.
237. Polak de Fried E, Dain L, Stein P, **Asch RH**, Charreau EH, Tesone M. Correlation between follicular fluid (FF) hormone levels and granulosa cells progesterone production of women undergoing in vitro fertilization. ESHRE '90 - 2nd Joint Meeting, Milan, Italy, August 29- September 1, 1990.
238. **Asch RH**. Epididymal spermatozoa aspiration for sterility treatment. XXVII World Congress of the International College of Surgeons, Sao Paulo, Brazil, September 9-12, 1990.
239. **Asch RH**. Gift-Zift. XXVII World Congress of the International College of Surgeons, Sao Paulo, Brazil, September 9-12, 1990.
240. Tadir Y, Wright W, Vafa O, **Asch RH**, Berns M. Laser microsurgery techniques for gamete micromanipulation. First International Symposium on Pre-implantation Genetics, Chicago, Illinois, September 16-19, 1990. J In Vitro Fert Em. Abst #42, P 204.
241. **Asch RH**. IVF/GnRH/Ovulation induction and luteal support. 9-h Annual Scientific Meeting of The Fertility Society of Australia, Perth, Australia, September 26-1990.
242. Arcaini L, Balmaceda JP, Weckstein LN, Rotsztejn D, **Asch RH**. Reproductive performance in women aged 40 and over: Analysis of different infertility treatments. 46th Annual Meeting of the American Fertility Society, Washington DC, October 13-18, 1990.
243. Ord T, Patrizio P, Mareello E, Balmaceda JP, **Asch RH**. A new method of semen preparation for IVF in severe male factor infertiTrty-Minipercoll. 46th Annual Meeting of the American Fertility Society, Washington DC, October 13-18, 1990.
244. Patrizio P, Moretti-Rojas I, Ord T, Balmaceda JP, Silber SJ, **Asch RH**. Relationship of epididymal sperm antibodies to the in vitro fertilization capacity in men with congenital absence of the vas deferens. 46th Annual Meeting of the American Fertility Society, Washington DC, October 13-18, 1990.
245. Polak de Fried E, Dain L, Stein P, Krimer AR, **Asch RH**, Charreau EH, Tesone M. Hormonal regulation of progesterone production in human culture granulosa cells.



Correlation with follicular fluid hormone levels. 46th Annual Meeting of the American Fertility Society, Washington DC, October 13-18, 1990.

246. Silber SJ, Balmaceda JP, Ord T, Wilson M, Patrizio P, Asch **RH**. Film Presentation FP-11; Epididymal sperm aspiration and in vitro fertilization for obstructive azoospermia. 46th Annual Meeting of the American Fertility Society, Washington DC, October 13-18, 1990.

247. Polak de Fried E, Lancuba S, Daich E, Piazza A, **Asch RH**. Enfoque Terapeutico De La Esterilidad En Casos De Falla Ovarica Prematura. VII Congreso Argentino De Esterilidad Y Fertilidad, Buenos Aires, Argentina, December 12-14, 1990.

248. Polak de Fried E, Lancuba S, Daich E, Piazza A, Garfagnini R, **Asch RH**. Chances de implantation embrionaria en transferencias intrauterinas e intratubarias. VII Congreso Argentino De Esterilidad Y Fertilidad, Buenos Aires, Argentina, December 12-14, 1990.

249. Polak de Fried E, Dain L, Stein P, Krimer AR, **Asch RH**, Charreau EH, Tesone M. Produccion de progesterona de las celulas de granulosa human, su regulacion hormonal y correlation con los niveles hormonales del fluido folicular. VII Congreso Argentino De Esterilidad Y Fertilidad, Buenos Aires, Argentina, December 12-14, 1990.

250. Polak de Fried E, Lancuba S, Blanco L, **Asch RH**. Analogos del LH-RH en ciclos programados. Alternativas razonables para la estimulacion ovarica. VII Congreso Argentino De Esterilidad Y Fertilidad, Buenos Aires, Argentina, December 12-14, 1990.

251. **Asch RH**, Ord T, Stone S, Balmaceda JP. Outcome of Assisted Reproductive Techniques in women aged 40 and over: advantages of tubal versus uterine transfers. 38th Annual Meeting of the Society for Gynecologic Investigation, San Antonio, TX, March 20-23, 1991.

252. **Asch RH**. Oocyte donation: Successful therapeutic alternative. Turner's syndrome News, March 1991.

253. **Asch RH**, Ord T, Stone S, Balmaceda JP, Rotsztein DA. Assisted Reproductive Techniques in women over 40 years of age: IVF, GIFT, ZIFT, egg donation: is there a best alternative? 39th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 10-14, 1991. (WYETH AWARD WINNER)

254. Rotsztein DA, Ord T, Balmaceda JP, **Asch RH**. Variables that influence the detection of an egg donor. 39th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 10-14, 1991.

255. Alam V, Borini A, Rotsztein DA, Ord T, **Asch RH**, Balmaceda JP. Embryo implantation rates in stimulated and hormonal replacement cycles: uterine versus tubal transfers. 39th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14, 1991.

256. Ord T, Patrizio P, Balmaceda JP, Marello E, Silber SJ, **Asch RH**. Update on treatment of infertility due to congenital absence of the vas deferens: Results of 67 consecutive cases. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.

257. **Asch RH**, Patrizio P, Zamboni L, Silber SJ. Ultrastructure of human sperm in men with congenital absence of the vas deferens: Clinical implications. Poster, 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.

258. Patrizio P, Bronson R, Ord T, Silber SJ, Balmaceda JP, **Asch RH**. Antigenic expression, immunological assessment and IVF capacity of epididymal sperm from men with congenital absence of the vas deferens. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.



- 259. Asch RH**, Balmaceda JP, Stone SC, Ord T, Nakamura M, Nakano R, Viega A, Polak E, Piazza A. A program of assisted reproductive techniques without hormone monitoring: Simple, safe, effective and economic. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 260.** Patrizio P, Braunstein G, Borini A, Elashoff J, Seliktar J, Gerli S, **Asch RH**. Comparison of human chorionic gonadotropin (hCG) values in natural versus assisted reproductive technology pregnancies. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 – July 3, Paris, France.
- 261. Asch RH**, Ord T, Stone S, Balmaceda JP, Rotsztein DA, Arcaini L. Advantage of tubal vs. uterine gamete and embryo transfer in women over 40 years of age. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 262.** Balmaceda JP, Rotsztein DA, Ord T, **Asch RH**, Borini A, Alam V. Embryo implantation rates in oocyte donation: A prospective comparison of tubal versus uterine transfers. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 263.** Alam V, Weckstein LN, Balmaceda JP, Ord T, Marelk) E, **Asch RH**. Gift and cryopreservation of embryos: How much can we offer? 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 264.** Alam V, Borini A, Ord T, Reed L, **Asch RH**, Balmaceda JP. Abnormally large follicle during controlled ovarian hyperstimulation (COH): management and outcome of the cycle. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 265. Asch RH**. Intrauterine versus tubal transfers: implantation rates with assisted conception. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 266.** Silber SJ, **Asch RH**. Surgical aspects of testicular and epididymal sperm retrieval for assisted reproduction. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, Paris, France.
- 267.** Blanco L, Lancuba S, **Asch RH**, Polak de Fried E. Endometrial receptivity in an ovum donation programme. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 268.** Nakamura M, Maciel MCR, Veiga A, **Asch RH**. Use of the LH-RH leuprolide acetate on ovulation induction for in vitro fertilization (IVF) and gamete intra fallopian transfer (GIFT). 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 269.** Polak de Fried E, Blanco L, Lancuba S, Asch RH. Can an immunosuppressive dosage of corticosteroids improve the clinical pregnancy rate of patients undergoing IVF-ET? 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 270.** Alam V, Borini A, Rotsztein DA, Ord T, Asch **RH**, Balmaceda JP. Embryo Implantation Rates in Stimulated and Hormonal Replacement Cycles: Uterine Versus Tubal Transfers. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.
- 271.** Nakamura MN, Maciel M, Veiga A, **Asch RH**. Establishing a program of oocyte donation in Brazil. 7th Annual Meeting of the ESHRE and the 7th World Congress on In Vitro Fertilization and Assisted Procreations, June 28 - July 3, 1991, Paris, France.



272. Kato S, Tuji T, Toyokita M, Hujinami R, Takatsuka R, **Asch RH**. A new assisted reproductive technology (III) - Transmyometrial E.T. (TOWAKO method). Japanese Congress of Fertilization and Implantation. Yokkaichi, Japan, July 12, 1991.
273. Ord T, Patrizio P, Silber SJ, Jones G, Mareello E, **Asch RH**. A new technique for sperm preparation in cases of epididymal aspiration. 47th Annual Meeting of The American Fertility Society, Orlando, FL, October 19-24, 1991.
274. **Asch RH**, Ord T, Patrizio P, Balmaceda JP, Mareello E, Silber SJ. Multidisciplinary approach to the treatment of infertility due to congenital absence of the vas deferens. 47th Annual Meeting of The American Fertility Society, Orlando, FL, October 19-24, 1991.
275. Rojas FJ, Patrizio P, La AT, Ord T, Silber SJ, Balmaceda JP, **Asch RH**. Penetration of zona-free hamster oocytes using human sperm aspirated from the epididymis of men with congenital absence of the vas deferens. Comparison with human in vitro fertilization. 47th Annual Meeting of The American Fertility Society, Orlando, FL, October 19-24, 1991.
276. Alam V, Borini A, Snell K, **Asch RH**, Balmaceda JP. A prospective study of echographic endometrial characteristics and pregnancy rates during hormonal replacement cycles. 47th Annual Meeting of The American Fertility Society, Orlando, FL, October 19-24, 1991.
277. Tesone M, Guerrero HE, Stein P, **Asch RH**, Polak de Fried E. Effect of a gonadotropin-releasing hormone agonist (Leuprolide Acetate) on luteinizing hormone (LH) receptors and steroidogenesis of ovarian cells. 47th Annual Meeting of The American Fertility Society, Orlando, FL, October 19-24, 1991.
278. **Asch RH**. The oocyte donation clinical model: Importance of the embryo vs. the endometrium. 3rd World Congress of Gynecological Endocrinology, Trentino, Italy, February 9-16, 1992.
279. **Asch RH**, Balmaceda JP. The importance of the endometrium in an ART Program. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992.
280. Schmidt LL, Stone SC, Balmaceda JP, Gray S, **Asch RH**. ART - Independent pregnancies. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992.
281. Kato O, Takatsuka R, **Asch RH**. Transmyometrial embryo transfer - The Towako Method - Experience of 104 cases. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992. (TAP AWARD WINNER POSTER)
282. **Asch RH**, Ivery G, Stone SC, Balmaceda JP, Li HP. Intravenous albumin prevents the development of severe ovarian hyperstimulation syndrome in an ART program. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992.
283. Rojas A, Horta I, Stone SC, Balmaceda JP, **Asch RH**. Controlled ovarian hyperstimulation and intrauterine insemination in women 40 and over years of age. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992.
284. Patrizio P, Handelin B, **Asch RH**, Silber SJ. Congenital absence of the vas deferens (CAV) and cystic fibrosis (CF): Strong evidence for a common genetic background. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992. (WYETH AYERST AWARD WINNER).
285. Lessor R, Cervantes N, O'Connor N, Balmaceda JP, **Asch RH**. An analysis of social and psychological characteristics of women volunteering to become oocyte donors. 40th Annual meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 8-12, 1992.



286. Patrizio P, Ord T, Silber SJ, **Asch RH**. Basic physiologic mechanisms in human epididymal sperm. 4th International Meeting of Andrology, Ballagio, Italy, 1992.
287. Patrizio P, Handelin B, **Asch RH**, Silber SJ. Congenital absence of the vas deferens (CAV) and cystic fibrosis (CF): Strong evidence for a common genetic background. Award winning presentation at the ESHRE Meeting, The Hague, July 6-8, 1992.
288. Polak de Fried E, Blanco L, Lancuba S, **Asch RH**. The efficacy of immunosuppression to improve clinical pregnancy rate and implantation rate of IVF-ET patients. 48th Annual Meeting of The American Fertility Society, New Orleans, LA, October 31 - November 5, 1992.
289. Gonzalez J, Ord T, Mareello E, **Asch RH**, Frederick JL, Stone SC, Balmaceda JP. Natural cycle and hormonal replacement in FET: Implantation and pregnancy rates. 48th Annual Meeting of The American Fertility Society, New Orleans, LA, October 31 - November 5, 1992.
290. Patrizio P, **Asch RH**, Handelin B, Silber SJ. Etiology of congenital absence of the vas deferens: Genetic testing of three generations. 48th Annual Meeting of The American Fertility Society, New Orleans, LA, October 31 - November 5, 1992.
291. Patrizio P, Ord T, Silber SJ, La AT, Rojas FJ, **Asch RH**. Repetitive attempts of sperm aspiration and in vitro fertilization in men with congenital absence of the vas deferens on development of antisperm antibodies. 48th Annual Meeting of The American Fertility Society, New Orleans, LA, October 31 -November 5, 1992.
292. Silber SJ, **Asch RH**, Patrizio P. Microsurgical retrieval of epididymal sperm for IVF: Technical details. Motion picture abstract. 48th Annual Meeting of The American Fertility Society, New Orleans, LA, October 31 - November 5, 1992.
293. **Asch RH**. Overview of new developments in assisted reproduction. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.
294. **Asch RH**. New microsurgical treatments of male infertility. XIV World Congress on Fertility and Sterility, November 22-27, 1992 in Caracas, Venezuela.
295. Kato O, Takatsuka R, **Asch RH**. Successful pregnancies following transmyometrial embryo transfers. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.
296. **Asch RH**, Ivery G, Stone SC, Frederick J, Balmaceda JP. Albumin prophylaxis for the development of severe hyperstimulation syndrome in ART cycles. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.
297. Patrizio P, **Asch RH**, Handelin B, Silber SJ. Genetic association of congenital absence of the vas deferens and cystic fibrosis. XIV World Congress on Fertility and Sterility, November 22-27, 1992 in Caracas, Venezuela.
298. Polak de Fried E, Blanco L, Lancuba S, **Asch RH**. Immunosuppression in in vitor fertilization (IVF-ET) patients. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.
299. Polak de Fried E, Guerrero HE, Stein P, Dain L, **Asch RH**. Action of leuprolide acetate on the regulation of ovarian LH receptors and steroid production. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.
300. Rojas A, Horta I, Balmaceda JP, **Asch RH**, Stone SC. Evaluation of patients for assisted reproductive techniques (ART): The role of hysteroscopy. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.
301. Horta I, Rojas A, Stone SC, Balmaceda JP, Frederick JL, **Asch RH**. Superovulation and intrauterine insemination: Comparison of results according to women's age. XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992 .
302. Maciel MCR, Veiga A, **Asch RH**, Nakamura M. Use of the GnRH analog leuprolide acetate on ovulation induction for in vitro fertilization (IVF) and gamete intra fallopian



transfer (GIFT). XIV World Congress on Fertility and Sterility, Caracas, Venezuela, November 22-27, 1992.

303. Tadir Y, Neev J, Ho PD, **Asch RH**, Ord T. Microlaser beams in IVF laboratory. International Society for Optical Engineering (SPIE) International Symposia on Laser Engineering, Los Angeles, CA, January 16-23, 1993.

304. Schmidt L, Rojas FJ, **Asch RH**, Moretti-Rojas I. Protein Kinase C activity in human ejaculated sperm: Evaluation of its involvement in sperm motility. 40th Annual Meeting of the Society for Gynecological Investigation, Toronto, Canada, March 30 - April 3, 1993.

305. Patrizio P, **Asch RH**. Congenital absence of the vas deferens and the cystic fibrosis transmembrane conductance regulator gene: evidence for a common genetic background. XIIIth North American Testis Workshop, Tampa FL, April 13-16, 1993.

306. Hatch IH, **Asch RH**, Kaplan J, Singh M, Saxena BB. Lutropin receptor antibodies in premature ovarian failure (POF). 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993 (WYETH AYERST AWARDWINNER).

307. Patrizio P, Ord T, Silber SJ, **Asch RH**. Correlation between epididymal length and fertilization rate in men with congenital absence of the vas deferens. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.

308. Ord T, Patrizio P, Balmaceda JP, **Asch RH**. Improved sperm preparation and the modification of standard in vitro fertilization (IVF) methods reduce the need for micromanipulation in IVF involving severe male factor infertility. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.

309. Frederick JL, Vicino M, Ord T, Stone S, Balmaceda JP, **Asch RH**. Frozen ZIFT: A successful approach for transfer of cryopreserved embryos. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.

310. Schmidt LL, **Asch RH**, Frederick JL, Rojas FJ, Stone SC, Balmaceda JP. The predictive value of a single hCG in pregnancies achieved by assisted reproductive technology (ART). 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993 (2nd Place Prize).

311. Felix C, Bernardini L, Araujo E, Ord T, **Asch RH**. Fresh vs frozen uterine transfers in an oocyte donation program. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA., April 14-18, 1993

312. Araujo E, Felix C, Bernardini L, Stone S, Frederick JL, **Asch RH**, Balmaceda JP. Luteal phase support for assisted reproductive technology: A prospective randomized study of human chorionic gonadotrophin versus intramuscular progesterone. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA., April 14-18, 1993.

313. Araujo E, Bernardini L, Felix C, Stone S, Frederick JL, Rojas FJ, **Asch RH**, Balmaceda JP. The effect of a positive indirect immunobead assay in the pregnancy rate of couples treated by intrauterine insemination for unexplained infertility. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.

314. Vicino M, Araujo E, Dantas ZN, Balmaceda JP, **Asch RH**, Stone SC. Effect of ovarian cysts on induction of ovulation in intrauterine insemination cycles. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.

315. Dantas ZN, Vicino M, Araujo E, Balmaceda JP, **Asch RH**, Stone, SC. Comparison between Nafarelin and Luprolide for in vitro fertilization. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.

316. Rojas FJ, Garner C, Schiewe M, **Asch RH**, Balmaceda JP, Moretti-Rojas I. Enzymatic amplification of Y-Chromosome specific DNA sequences from a single human blastomere: Evaluation of a simplified method for use in preimplantation genetic diagnosis of X-linked diseases. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.



317. Araujo E Jr, Felix C, Bernardini L, Stone SC, Frederick JL, **Asch RH**. Human chorionic gonadotrophin versus intramuscular progesterone. 41st Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 14-18, 1993.
318. Patrizio P, **Asch RH**. Identification of a new population of patients with cystic fibrosis mutations: Infertile men with congenital absence of the vas deferens. Presented at the XI Annual Residents Paper Day, Irvine, CA, May 15, 1993.
319. Karachalios PK, **Asch RH**. GIFT: Retrospective analysis of pregnancy rates and the causes of infertility. 9th Annual Meeting of the ESHRE, Thessaloniki, Greece, June 4-8, 1993.
320. Karachalios PK, Dantas Z, **Asch RH**, Balmaceda JP, Stone SC. Early vaginal bleeding and pregnancy outcome in an infertile population. 9th Annual Meeting of the ESHRE, Thessaloniki, Greece, June 4-8, 1993.
321. Rojas FJ, Patrizio P, Do J, Silber SJ, **Asch RH**, Moretti-Rojas I. Evidence for a cAMP-synthesizing adenylyl cyclase (AC) system in human epididymal sperm. 75th Endocrine Society Meeting, Las Vegas, NV, p. 502, June 1993.
322. Patrizio P, **Asch RH**. Structural-immunological and fertilization properties of human epididymal sperm. International Symposium on Cell and Molecular Biology of the Testis, Majorca, Spain, September 13-14, 1993.
323. **Asch RH**. Fertilizing capacity of human epididymal sperm: basic and clinical aspects. VIIIth World Congress on In Vitro Fertilization and Alternate Assisted Reproduction, Kyoto, Japan September 14, 1993.
324. Moretti-Rojas I, Patrizio P, Brush M, Silber SJ, **Asch RH**, Rojas FJ. Evidence for guanine-nucleotide-binding regulatory proteins in human epididymal sperm. 49th Annual Meeting of the American Fertility Society, Montreal, Canada, October 9-14, 1993.
325. Patrizio P, Ord T, Silber SJ, **Asch RH**. Cystic fibrosis mutations impair the fertilization rate of epididymal sperm from men with congenital absence of the vas deferens. 49th Annual Meeting of the American Fertility Society, Montreal, Canada, October 9-14, 1993.
326. Araujo Jr. E, Tadir Y, Patrizio P, Silber SJ, Ord T, Bems MW, **Asch RH**. Relative force of human epididymal sperm correlated to the fertilizing capacity in vitro. 49th Annual Meeting of the American Fertility Society, Montreal, Canada, October 9-14, 1993.
327. Silber SJ, Patrizio P, Ord T, **Asch RH**. Fertilizing capacity of epididymal sperm in different populations of men. 49th Annual Meeting of the American Fertility Society, Montreal, Canada, October 9-14, 1993.
328. Denker M, Rojas FJ, **Asch RH**, Moretti-Rojas I. Localization of alternate splice sites of human LH/hCG receptor transcripts in human corpus luteum using reverse transcriptase polymerase chain reaction. 41st Annual Meeting of the Society for Gynecologic Investigation, Chicago, IL, March 22-26, 1994.
329. Lin L, Chen S, Erickson G, Roberts V, **Asch RH**, Kim S, Mellon P, Yen S. In situ hybridization failed to detect gonadotropin releasing hormone receptor transcripts in human ovaries. 41st Annual Meeting of the Society for Gynecologic Investigation, Chicago, IL, March 22-26, 1994.
330. Goldsman M, Gatanga T, Granger G, Dantas Z, **Asch RH**. Increase of the ovarian cancer marker tumor necrosis factor a receptor in infertile women: Effect of COH. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
331. Goldsman M, Pedram A, Dominguez C, Ciuffardi I, Levin E, **Asch RH**. Increased capillary permeability induced by human follicular fluid: A hypothesis for an ovarian origin of the hyperstimulation syndrome. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.



- 332.** Frederick JL, Manzur A, Balmaceda JP, Stone SC, **Asch RH.** Is follicle stimulating hormone "(FSH) alone" an effective alternative for ovulation induction in the poor responder patient? 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 333.** Frederick JL, Ciuffardi I, Snell K, Ord T, Balmaceda JP, **Asch RH.** Oocyte donation: A prospective comparison of GIFT vs. IVF. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, California, April 20-24, 1994.
- 334.** Singh AP, Dantas ZN, Stone SC, **Asch RH.** Thyroid antibodies as predictors of pregnancy outcome. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 335.** Patrizio P, Ord T, Balmaceda JP, **Asch RH.** IVF capacity of epididymal sperm from men with acquired obstructive azoospermia. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 336.** Ord, T, Patrizio P, Marello E, Ord V, Balmaceda JP, **Asch RH.** Successful cryopreservation of extremely severe male factor samples allows banking to accumulate more sperm numbers for use in IVF. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994 (TAP POSTER AWARD WINNER).
- 337.** Ciuffardi I, Bernardini L, Goldsman M, Frederick JL, **Asch RH,** Balmaceda JP. Age and uterine receptivity: Oocyte donation model results. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 338.** Manzur A, Goldsman M, Stone SC, Frederick JL, Balmaceda JP, **Asch RH.** Outcome of triplet pregnancies following assisted reproductive techniques (ART). How frequent are the vanishing embryos? 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 339.** Manzur A, Bernardini L, **Asch RH,** Balmaceda JP. Poor Responder endometrium to exogenous estradiol: How critical! is it for implantation? 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 340.** Balmaceda JP, Ciuffardi I, Felix C, **Asch RH.** Surrogacy: A model to study factors that influence pregnancy and implantation rate. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 341.** Rojas FJ, Patrizio P, **Asch RH.** Cyclic AMP/aa'enylyl cyclase system in human spermatozoa: Unveiling a unique signal transducer that changes during sperm maturation. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 342.** Gonzalez-Suau P, Maloul S, Ciuffardi I, Frederick J, Balmaceda JP, **Asch RH.** Progestin administration for synchronization of ART cycles does not interfere with ovarian response to GnRH agonist flare up protocols. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 343.** Denker M, Rojas F, **Asch RH,** Moretti-Rojas I. Detection of differential gene expression of LH/hCG receptor in human corpus luteum. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994 (WYETH AYERST AWARD WINNER).
- 344.** Patrizio P, Braunstein G, Elashoff J, Shain S, **Asch RH.** Placental and endometrial proteins in the first trimester singleton pregnancies from spontaneous, IVF and oocyte donation cycles. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.
- 345.** Frederick JL, Marello E, Ord T, Stone SC, Balmaceda JP, **Asch RH,** Successful pregnancy outcome after cryopreservation of all fresh embryos with subsequent transfer into an unstimulated cycle. 42nd Annual Meeting, Pacific Coast Fertility Society, Indian Wells, CA, April 20-24, 1994.



- 346.** Frederick JL, Ciuffardi I, Snell K, Ord T, Balmaceda JP, **Asch RH**, Embryo implantation rates in oocyte donation: A prospective comparison of GIFT vs IVF. 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November 5-10, 1994.
- 347.** Frederick JL, Balmaceda JP, **Asch RH**, Successful pregnancy outcome with oocyte donation in patients with Turner's Syndrome. 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November 5-10, 1994.
- 348.** Singh AP, Dantas ZN, Stone SC, **Asch RH**. Biochemical pregnancies: Do thyroid autoantibodies play a role? 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November 5-10, 1994.
- 349.** Blanco L, **Asch RH**, Polak de Fried E. Glucocorticoids may improve the pregnancy and delivery rates of patients undergoing IVF-ET. A prospective and randomized study. 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November 5-10, 1994.
- 350.** Asch B, Neely K, Krutzik, Rojas FJ, **Asch RH**. Comparison of hCG determinations by ELISA and IRMA assays in biochemical pregnancies. 50th Annual Meeting of the American Fertility Society, San Antonio, TX, November 5-10, 1994.
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