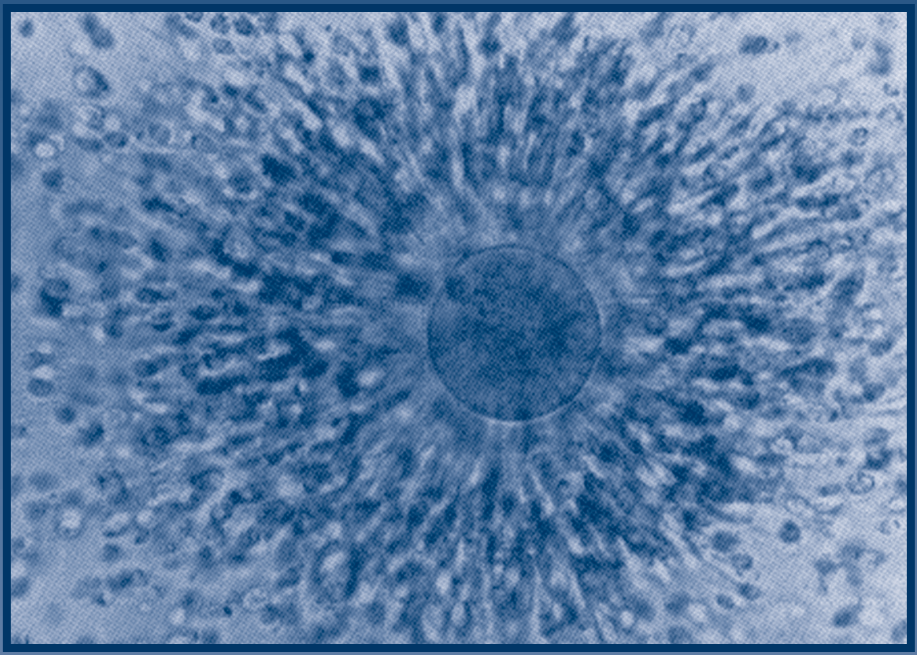
The Office of Continuing Medical Education,
David Geffen School of Medicine at UCLA

22nd Annual

In Vitro Fertilization and Embryo Transfer

A Comprehensive Update – 2009



Sunday – Wednesday
July 12 – 15, 2009

Four Seasons Biltmore
Santa Barbara, California

CME Office of Continuing Medical Education
David Geffen School of Medicine at UCLA

22nd Annual
In Vitro Fertilization and Embryo Transfer
A Comprehensive Update — 2009

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA

July 12 – 15, 2009
Four Seasons Biltmore
Santa Barbara, California

This program brings together a renowned faculty to present the latest developments in every phase of in vitro fertilization and embryo management. The course addresses the needs of practicing scientists, gynecologists, reproductive endocrinologists, residents, and fellows who wish to review the specialty and update their knowledge in this rapidly changing and expanding field.

The intimate setting of the conference promotes extensive contact among speakers and participants with question periods after each talk and many opportunities for informal interaction. A very extensive course syllabus developed by the course instructors will be provided and an audience response system will be used to promote interaction with the speakers.

Particular attention will be devoted this year to the use of new adjuncts to gonadotropins, GnRH antagonists, endometriosis and IVF, oocyte cryopreservation, extended embryo culture, cumulus co-culture, and practical aspects of ultrasound-guided transfer technique, in vitro maturation of immature oocytes, and new microarray techniques for PGS. A mini-symposium directed by **Dr. David Gardner** will cover assessment of the sperm and sperm DNA integrity, non-invasive evaluation of embryo metabolism and function, embryo culture systems, and IVF laboratory regulations.

Program Objectives

- To become familiar with standard, successful methods of each aspect of the clinical practice of assisted reproductive technology as well as newer techniques such as use of growth hormone and GnRH antagonists in ovarian stimulation, morphologic evaluation of sperm for ICSI, the role of the cumulus in oocyte health, ovarian tissue and oocyte cryopreservation and ultrasound-guided embryo transfer.
- To learn aspects of embryo culture and embryo management to achieve optimal results with IVF.
- To learn about newer methods of embryo selection, blastocyst culture and factors influencing implantation.

Cover: From Atlas of the Human Oocyte and Early Conceptus, Lucinda L. Veeck, MLT, ASCP
Reprinted with permission from Williams & Wilkins, Baltimore. January 6, 1988.

COURSE CHAIR

Barbara E. Mathews, MD
Gynecologist in private practice, Santa Barbara, California

COURSE DIRECTOR

David R. Meldrum, MD
Scientific Director, Reproductive Partners Medical Group, Inc., Redondo Beach, California; Clinical Professor, Department of Obstetrics and Gynecology, David Geffen School of Medicine at UCLA and UC San Diego

COURSE CO-DIRECTOR

David K. Gardner, PhD
Professor and Chair of Zoology, University of Melbourne, Melbourne, Australia; Scientific Director, Colorado Center for Reproductive Medicine, Lone Tree, Colorado

GUEST FACULTY

Mohamed Aboulghar, MD
Professor, Obstetrics and Gynecology, Cairo University; Clinical Director, The Egyptian IVF-ET Center, Maadi, Cairo, Egypt

Ashok Agarwal, PhD, HCLD
Director, Andrology Laboratory and Sperm Bank ; Director, Center for Advanced Research in Human Reproduction, Infertility, and Sexual Function, Glickman Urological Insitute, Cleveland Clinic, Foundation, Cleveland, Ohio

Monica Antinori, MD
Researcher, RAPRUI Day Hospital, International Associated Research Institute for Human Reproduction, Rome, Italy

Owen K. Davis, MD
Associate Director of IVF Center for Reproductive Medicine and Infertility, Weill Medical College of Cornell University, New York, New York

Dominique de Ziegler, MD
Professor and Head, Reproductive Endocrinology, Hopital Cochin, Paris, France

Kenneth Drury, PhD
Director, IVF and Andrology Laboratory and Clinical Professor, Department of Obstetrics and Gynecology, University of Florida College of Medicine, Gainesville, Florida

Joseph C. Gambone, DO, MPH
Professor Emeritus of Obstetrics and Gynecology, David Geffen School of Medicine at UCLA, Los Angeles, California

Gabriel Garzo, MD
Assistant Clinical Professor, University of California, San Diego; Medical Director, Reproductive Partners – UCSD Regional Fertility Center, San Diego, California

Mandy Katz-Jaffe, PhD
Director of Genetics, Colorado Center for Reproductive Medicine, Lone Tree, Colorado

David Keefe, MD
James M. Ingram Professor and Chair, Department of OB/GYN, University of Southern Florida, Tampa, Florida

Peter Nagy, MD, PhD
Scientific and Laboratory Director, Reproductive Biology Associates, Atlanta, Georgia

Gianpiero D. Palermo, MD
Professor of Embryology in Obstetrics and Gynecology; Professor of Reproductive Medicine, New York Hospital, Cornell Medical College, New York, New York

Richard J. Paulson, MD
Professor, Obstetrics and Gynecology; Chief, Division of Reproductive Endocrinology and Infertility, University of Southern California School of Medicine

Thomas B. Pool, PhD
Laboratory Director, Fertility Center of San Antonio, San Antonio, Texas

Peter N. Schlegel, MD
Chairman, Department of Urology, Weill Medical College of Cornell University, Urologist-in-Chief, New York Presbyterian Hospital, New York, New York

William B. Schoolcraft, MD
Medical Director, Colorado Center for Reproductive Medicine, Lone Tree, Colorado

Richard T. Scott, Jr., MD
Director, Reproductive Medicine Associates of New Jersey, West Orange, New Jersey

Mousa Shamonki, MD
Assistant Professor, Department of Obstetrics and Gynecology, David Geffen School of Medicine, Los Angeles, California; Director, UCLA IVF Program

S-L Tan, MBBS, FRCOG, FRCSC, FACOG, MMed(O&G), MBA
James Edmund Dodds Professor and Chairman, Department of Obstetrics and Gynecology, McGill University; Obstetrician and Gynecologist in Chief and Medical Director, McGill University Health Center, Montreal, Canada

Andrew J. Watson, PhD
Professor, Obstetrics and Gynaecology, Physiology and Pharmacology, The University of Western Ontario; Scientist, Children's Health Research Institute, Victoria Research Laboratories, London, Ontario, Canada

Bill Yee, MD
Medical Director, Reproductive Partners Medical Group, Westminster, California; Associate Adjunct Professor, Department of Obstetrics and Gynecology, University of California, Irvine

Program
22nd Annual In Vitro Fertilization and Embryo Transfer

Sunday, July 12
Afternoon

12 noon Registration/Exhibits

1:15 Introduction
Barbara E. Mathews, MD

Focus Session – GnRH Agonists and Antagonists

1:20 Adjuncts to Stimulation—Agonists, OC, Metformin, Growth Hormone, Androderm, Dex.
David R. Meldrum, MD

1:40 Where Are We Today With GnRH Antagonists?
Mohamed Aboulghar, MD

2:00 OC Pretreatment of Antagonist Cycles and the Need for LH Activity
David R. Meldrum, MD

2:20 Practical Issues in the Use of GnRH Antagonists
Richard T. Scott, Jr., MD

2:40 Panel—Are There Optimal Agonist and Antagonist Protocols?
Drs. Aboulghar, Scott
Moderator: Dr. Meldrum

3:00 Coffee Break/Exhibits

Focus Session – Problems With Stimulation

3:30 Ovarian Reserve Testing and Stimulation of the Poor Responder
Richard T. Scott, Jr., MD

3:50 Questions and Answers

4:00 Prevention and Treatment of Ovarian Hyperstimulation
Mohamed Aboulghar, MD

4:20 Questions and Answers

4:30 Adjourn

6:00 Welcome Reception

Monday, July 13
Morning

7:00 Continental Breakfast/Exhibits

8:00 Transvaginal Follicle Aspiration—Making Difficult Retrievals Easier and Minimizing Risks
David R. Meldrum, MD

8:30 Questions and Answers

8:40 Uterine and Tubal Factors Impacting on IVF Outcomes.
Mousa Shamonki, MD

9:10 Questions and Answers

9:20 Oocyte Donation
Richard J. Paulson, M.D.

9:50 Questions and Answers

10:00 Medical and Surgical Treatment of Endometriosis Before IVF—Help or Harm?
Dominique de Ziegler, MD

10:20 Questions and Answers

10:30 Coffee Break/Exhibits

10:50 Gestational Surrogacy—Excellent Outcomes for the Most Difficult Patients
Gabriel Garzo, MD

11:10 Questions and Answers

11:20 Strategies for the Difficult Transfer
Bill Yee, MD

11:40 Questions and Answers

11:50 Life Style, Stress Reduction, Counseling, Acupuncture, Smoking, Exercise and Nutrition—They All Make a Difference
David R. Meldrum, MD

12:10 Questions and Answers

12:20 Lunch

Afternoon

1:30 Options for the Woman with Cancer—Ovarian Tissue Freezing and Stimulation of the Woman with Breast Cancer
Owen K. Davis, MD

1:50 Questions and Answers

2:00 In Vitro Maturation of immature Oocytes (IVM)
S-L Tan, MBBS, FRCOG, FRCSC, FACOG, MMed(O&G), MBA

2:20 Questions and Answers

2:30 Evaluation of the Mature Oocyte—What an Amazing Cell!
David Keefe, MD

2:50 Questions and answers

3:00 Coffee Break/Exhibits

3:30 Vitrification of Oocytes and Embryos Using Cryotop
Peter Nagy, MD, PhD

4:00 Questions and Answers

4:10 Extended Embryo Culture and The Road to Single Embryo Transfer
David K. Gardner, PhD

4:40 Questions and Answers

5:00 Adjourn

Tuesday, July 14

Morning

7:00 Continental Breakfast/Exhibits

8:00 Male Evaluation and The Role of Genetic and DNA Fragmentation Testing
Peter N. Schlegel, MD

8:20 Questions and Answers

8:30 Intracytoplasmic Morphologically Selected Sperm Injection (IMSI)
Monica Antinori, MD

8:50 Questions and Answers

9:00 ICSI Today—Achievements and Limits
Gianpiero D. Palermo, MD, PhD

9:20 Questions and Answers

9:30 Sperm Retrieval for IVF
Peter N. Schlegel, MD

9:50 Questions and answers

10:00 Coffee Break/Exhibits

10:30 The Limits of Day 3 Biopsy for PGS—A Re-evaluation
William B. Schoolcraft, MD

10:50 Questions and Answers

11:00 Will Microarray PGD be the Solution for PGS?
Richard T. Scott, Jr., MD

11:20 Questions and answers

11:30 The Future of Genetic Diagnosis and Aneuploidy Screening
Mandy Katz-Jaffe, PhD

11:50 Questions and Answers

12:00 Cumulus and Oocyte Health—Can Cumulus Co-Culture Extend This Benefit to the Embryo?
Peter Nagy, MD, PhD

12:20 Questions and Answers

12:30 Lunch

Afternoon

OPTIONAL MINI-SYMPOSIUM ON THE IVF LABORATORY

1:30 Analysis of Sperm Function and Integrity
Ashok Agarwal, PhD, HCLD

2:00 Embryonic Function at the RNA Level
Andrew J. Watson, PhD

2:30 Embryology in the Era of Proteomics
Mandy Katz-Jaffe, PhD

3:00 Coffee Break/Exhibits

3:30 Non-invasive Analysis of Embryo Metabolism
David K. Gardner, PhD

4:00 Embryo Culture Systems
Thomas B. Pool, PhD

4:30 IVF in a Time of Increased Legislation
Kenneth Drury, PhD

5:00 Panel/Questions and Answers

5:30 Adjourn

Wednesday, July 15

Morning

7:00 Continental Breakfast/Exhibits

8:00 Immunogical and Hematologic Evaluation Prior to IVF and For RSA—When Should Thrombophilia Testing Be Done?
Richard T. Scott, Jr., MD

8:30 Questions and Answers

8:40 The Uterus and IVF—Critical Factors Influencing Implantation
Dominique de Ziegler, MD

9:10 Questions and Answers

9:20 Luteal Phase Support and Transfer Technique
Gabriel Garzo, MD

9:50 Questions and Answers

10:00 Coffee Break/Exhibits

10:30 Ultrasound-guided Transfer—18 Years Experience.
William B. Schoolcraft, MD

11:00 Questions and Answers

11:10 Are Pregnancy and Fetal Outcomes Different With IVF—What Should We be Telling Our Patients?
Joseph C. Gambone, DO, MPH

11:30 Questions and Answers

11:40 Panel: Transfer Technique—Practical Tips
Drs. Scott, de Ziegler, Garzo, Schoolcraft, Aboulghar
Moderator: Dr. Meldrum

12:10 Questions and Answers

12:20 Adjourn

Accreditation Statement

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this educational activity for a maximum of 21 ***AMA PRA Category 1 Credit(s)™***. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, Accreditation Council for Continuing Medical Education policy now mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. We at UCLA, fully endorse the letter and spirit of this concept.

Fees

$1,100.00 Physicians/Laboratory Directors

$825.00 Residents, Technicians, Nurses (accompanied by confirmatory letter of status from department chief or training director)

Mini-symposium on the IFV Laboratory
$200.00 all registrants

Enrollment fees includes continental breakfast 3 days; lunch, 2 days for program participants, as well as a welcome reception for program participants and their spouse/guest.

The Setting

SANTA BARBARA
Founded in 1782, the city of Santa Barbara is proud of its Spanish colonial heritage. Situated amid 30 miles of spectacular, curving California coastline and partially encircled by coastal mountains, the city enjoys an ideal climate. Here lies a grand mix of art, history, culture, and entertainment for free-time activities.

One may wish to stroll along the palm-lined beaches, visit Stearnes Wharf (with its specialty shops, restaurants, and fishing pier), the grand Mission Santa Barbara, world-famous Spanish Courthouse, and old adobes. Santa Barbara also has many art galleries, several museums, botanical gardens, and fine antique shops. The University of California, Santa Barbara has an extensive library and distinguished institute of environmental stress. Nearby, in the Santa Ynez valley, is the quaint Danish village of Solvang, and tours of local vineyards are available.

The sunny oceanside environment has an average year-round temperature of 70 degrees with little or no rainfall in late summer.

Accommodations

THE FOUR SEASONS BILTMORE
1260 Channel Dr.
Santa Barbara, CA 93108
(805) 969-2261

The course is being held at the exclusive Four Seasons Biltmore Hotel. A block of rooms has been reserved and will be held until May 28, 2009 for seminar participants at a special conference rate: $440 per night, single or double occupancy, plus 10% city room tax. Confirmation of reservations received after May 28, 2009 are subject to availability. **There is always the possibility our room block might sell out prior to May 28, 2009 in which case rooms will be sold at a higher rate based on availability. Please reserve early.** Each program participant is limited to one guestroom at the conference rate.

Four Seasons Biltmore Hotel Reservation Instructions
Please Read Carefully!

Once you have enrolled in the conference, you will be mailed, along with your course registration confirmation, a Four Seasons Biltmore room reservation form. Once received, this form must be **FAXED** directly to The Four Seasons to secure your hotel reservation. This is the only way to reserve a room at The Four Seasons. FAX this form directly to the hotel as soon as you receive it. Faxing instructions will be on the form. The sooner you enroll, the sooner you can make your hotel reservation. **All reservation arrival and/or departure dates must be finalized no later than 45 days (5/28/09) prior to the UCLA In Vitro Fertilization conferences beginning on July 12, 2009. Any changes made by the participants' arrival and/or departure dates, received by the hotel less than 45 days in advance, will become the sole responsibility of the UCLA IVF conference participant. The hotel will attempt to resell all rooms released in an effort to mitigate UCLA conference participants' potential liability. However, if a guest room is released and remains unsold by the hotel, the UCLA conference participant will personally assume the guest room per night charge for the unsold room. For questions regarding reservations, please call 805-565-8299.** Thank you for your cooperation.

THE MONTECITO INN
1295 Coast Village Road
Santa Barbara, CA 93108

A small block of rooms has also been reserved at The Montecito Inn, just two blocks away from The Four Seasons Biltmore at a special conference rate of $265 per night (King or Queen room) plus city and room tax. If you would prefer to stay at this hotel, please call them directly and mention the UCLA IVF conference when making the reservation. Outside California call 800-843-2017 or call 805-969-7854 inside California.

Conference Parking

There is no charge for self parking at the hotel. Valet overnight parking is $29 per overnight. (The valet overnight rate is subject to change.)

Ground Transportation

Taxi service is available from the Santa Barbara airport to The Four Seasons Biltmore.

General Information

Refunds

Conference cancellations must be received in writing by June 12, 2009 and will be subject to a $100 processing fee. No refunds will be given after June 12th. A full refund will be provided if for any reason the course must be canceled or rescheduled.

For additional information, contact The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 10920 Wilshire Blvd., Ste. 1060, Los Angeles, CA 90024-6512, (310) 794-2620.

FOR OTHER UCLA CME OFFERINGS:
www.cme.ucla.edu or
E-mail: cme@deans.medsch.ucla.edu or
Fax: (310) 794-2624

Enrollment

Enrollment is limited. Early enrollment is strongly suggested.

By Mail
Enroll now by mail using form attached. For additional applications, use photocopy or separate sheet giving all information requested on form.

By Phone
For your convenience, enrollment may be charged on your MasterCard, VISA or Discover. Call (310) 794-2620.

By Fax
Send completed enrollment form with charge card information and authorizing signature. FAX No. (310) 794-2624.

Online
Use your MasterCard, VISA, American Express or Discover card. Go to www.cme.ucla.edu and click on 22nd Annual In Vitro Fertilization and Embryo Transfer.

Application for Enrollment (Please Print) — Summer 2009

Course Title and Number	Amount
In Vitro Fertilization and Embryo Transfer M090-1	
Optional Mini-Symposium on the IVF Laboratory M090-1A	
Total	

_____ ☐ Please check if new address
Last four digits of your Social Security Number

_____
Name (First/Middle/Last) ☐ Male ☐ Female Degree Birthdate (Mo/Day/Yr)

_____
Preferred Mailing Address

_____ (_____) _____
City/State/ZIP Area Code Daytime Phone

☐ UC Faculty _____ (_____)_____
(appointment title) Area Code FAX

_____ _____
(campus) Specialty

Check enclosed payable to: **The Regents of the University of California**

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David Geffen School of Medicine at UCLA
IVF Conference
10920 Wilshire Blvd., Suite 1060.
Los Angeles, CA 90024-6512

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