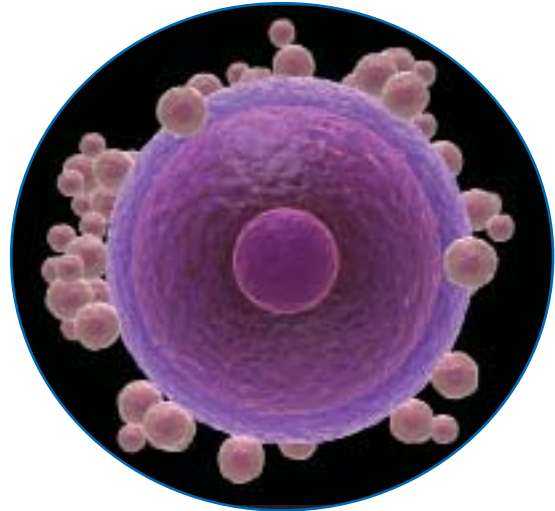


Andrology & Embryology Review Course - 2010

March 20 and 21, Saturday and Sunday

“Well organized, very thorough, comprehensive, and informative”

(See page 4 for other comments from individuals who have attended AAB's A&E Review Courses.)



The Embassy Suites - Outdoor World

Dallas/Fort Worth International Airport
2401 Bass Pro Drive
Grapevine, Texas 76051

PEER (American Board of Bioanalysis) approved for 1.7 CEUs. PEER approved CEUs may be used to meet the CEU licensure requirements in the states of Florida and California.

Sponsored by the



**American Association of Bioanalysts' College of
Reproductive Biology (AAB/CRB)**

American Board of Bioanalysis (ABB)

The **American Board of Bioanalysis (ABB)** was created in response to the passage of the 1966 Medicare regulations and CLIA of 1967, which defined and mandated the qualifications for a Laboratory Director. ABB began credentialing Laboratory Directors in 1968. ABB's certification program later was expanded to include Technical Supervisors, General Supervisors, and Laboratory Managers. ABB again expanded its certification program in 2002 to include Embryology Laboratory Directors (ELDs).

ABB is recognized as a certifying agency for Directors under CLIA regulation 493.1443(3)(i) and as a certifying agency for Clinical Consultants under CLIA regulations 493.1417 and 493.1457. In addition, most state laboratory programs recognize ABB's director certifications.

Application for Certification & Examination

ABB's certification standards brochure and application for certification are available online at www.abbcert.org. **Processing of ABB applications for board review requires six to eight weeks.** Avoid delays in processing by completing the application in its entirety and forwarding to ABB along with required documentation (transcripts, reference letters, etc.).

In order to have your application processed in time for the **May 13, 2010**, ABB certifying examination in Las Vegas, Nevada, we suggest that you submit your application **no later than March 18, 2010 (earlier if possible)**.

Applications received after March 18, 2010, may not be processed in time to determine eligibility for the May 13 examination. However, there will be another ABB certifying examination on October 22, 2010, in Denver, Colorado, just prior to the annual meeting of the American Society for Reproductive Medicine (ASRM).

Inquiries to: **American Board of Bioanalysis**, 906 Olive Street, Suite 1200, St. Louis, MO 63101-1448, phone: (314)241-1445, fax: (314)241-1449, email: abb@abbcert.org.

Andrology And Embryology Review Course

Preliminary Schedule of Events

SATURDAY, MARCH 20, 2010

7:00 a.m.-8:00 a.m.

Registration

8:00 a.m.-8:05 a.m.

Welcome

8:05 a.m.-8:20 a.m.

Introduction - Definition of Infertility;
Evaluation of the Infertile Couple

8:20 a.m.-9:20 a.m.

Female Reproductive Physiology

9:20 a.m.-10:20 a.m.

Male Reproductive Physiology

10:20 a.m.-10:45 a.m.

Break

10:45 a.m.-11:30 a.m.

Antisperm Antibodies and Sperm-Cervical
Mucus Testing

11:30 a.m.-12:00 p.m.

Sperm Function Testing

12:00 p.m.-1:00 p.m.

Lunch

1:00 p.m.-2:00 p.m.

The Semen Analysis

2:00 p.m.-2:35 p.m.

Male Gamete Prep for ART (IUI, IVF, TESE,
MESA)

2:35 p.m.-3:05 p.m.

Break

3:05 p.m.-3:50 p.m.

Culture of Preimplantation Embryos

3:50 p.m.-5:20 p.m.

Gamete Biology: Fertilization &
Preimplantation Development

5:20 p.m.-5:40 p.m.

The ABB Examination Logistics

SUNDAY, MARCH 21, 2010

7:30 a.m.-7:35 a.m.

Opening Remarks

7:35 a.m.-8:15 a.m.

Ovarian Stimulation

8:15 a.m.-8:45 a.m.

Micromanipulation

8:45 a.m.-9:05 a.m.

Embryo Selection and Transfer Preparation

9:05 a.m.-9:35 a.m.

Break

9:35 a.m.-10:00 a.m.

Embryo Transfer and How It Affects
Outcome

10:00 a.m.-11:00 a.m.

Cryopreservation of Reproductive Cells &
Tissue

11:00 a.m.-11:30 a.m.

Quality Control, Assurance, and
Improvement in the IVF Laboratory

11:30 a.m.-12:15 p.m.

Reproductive Genetics

12:15 p.m.-1:15 p.m.

Lunch

General Knowledge - Joint HCLD, ELD and MT Session

1:15 p.m.-3:00 p.m.

Lab Management - Part I: CLIA, OSHA
(for HCLD, ELD and MT)

3:00 p.m.-3:30 p.m.

Break

General Knowledge - Concurrent Sessions

3:30 p.m.-5:30 p.m.

Lab Management - Part II: Labor Laws,
General Management, Compliance
Plans (for HCLD and MT)

3:30 p.m.-5:30 p.m.

Lab Management - Part II: General
Management, Fertility Clinic Success Rate
Certification Act (for ELD)

CANCELLATION POLICY

Cancellations received on or prior to March 5, 2010, are subject to a \$25 cancellation fee. A \$75 cancellation fee will apply to all cancellations received after March 5, 2010. **No refunds will be made for cancellations after March 12, 2010, but substitutions can be made at any time.**

AAB's Andrology and Embryology Review Course

Who Should Attend

The course is designed for laboratory directors, supervisors, technologists/technicians, physicians, nurses, clinical support staff, graduate students, residents and fellows as a comprehensive review course on reproductive biology and Assisted Reproductive Technology.

This course is also designed to assist individuals who are applying for certification as directors, technical supervisors, and medical technologists, and who will be taking certifying exams for andrology and/or embryology from the American Board of Bioanalysis (ABB) and the AAB Board of Registry (ABOR).

Participants should possess a basic knowledge of reproductive biology, assisted reproductive technology or clinical laboratory technology.

Course Objectives

The Clinical Laboratory Improvement Amendments of 1988 (CLIA '88) require that (after February 24, 2003) directors of High Complexity Laboratories possess a doctoral degree and be board certified.

Currently there are only eight certifying boards recognized by CLIA. Of these, the **American Board of Bioanalysis (ABB)** is the only board offering certification for Directors and Technical Supervisors in the disciplines of andrology and embryology.

One of the requirements for certification through the ABB is documentation of having passed an acceptable examination that tests technical knowledge in andrology and/or embryology, as well as knowledge of general laboratory management and supervision. This Review Course is being offered to help prepare applicants for taking such an examination, and it is also an excellent review for individuals entering the field or for those who need a refresher course.

An impressive faculty of leading experts in the fields of reproductive biology and assisted reproductive technologies (A.R.T.) have been assembled for this review course.

General laboratory topics will be covered, including the CLIA '88 regulations, quality control and assurance, patient test management, OSHA regulations, FDA regulations, general laboratory safety, and laboratory and personnel management.

An overview of male and female reproductive functions will be presented covering topics from the hypothalamic-gonadal axis to gamete and embryo biology.

Semen analysis, sperm function and antisperm antibody testing, sperm preparation and cryopreservation, and other areas of laboratory andrology will be discussed.

Finally, lectures on the A.R.T. laboratory will cover topics of basic assisted reproductive technologies, such as the assessment of oocytes, embryos, and the fertilization process, culture media preparation, quality control testing, embryo cryopreservation, and micromanipulation.

Ample time will be allotted for questions from participants.

Faculty

Joseph Conaghan, Ph.D., HCLD/ELD(ABB)

San Francisco Fertility Centers
San Francisco, California

William E. Gibbons, M.D.

Baylor College of Medicine
Houston, Texas

Brooks Keel, Ph.D., HCLD(ABB)

Georgia Southern University
Statesboro, Georgia

Dolores J. Lamb, Ph.D., HCLD(ABB)

Baylor College of Medicine
Houston, Texas

Tammie Schalue, Ph.D., HCLD/ ELD(ABB)

American Association of Bioanalysts
Statesboro, Georgia

Nicola Winston, Ph.D., HCLD(ABB)

University of Illinois at Chicago
Chicago, Illinois

More Comments From Past Attendees:

(submitted with course evaluation forms)

"Good quality speakers Excellent slides and presentations."

"This course made me a better lab director."

"The small forum allowed for more interaction with the faculty."

"The *Review Course Manual* is top notch-very well put together!"