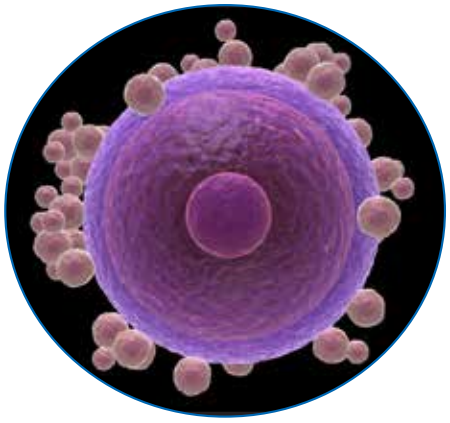
Andrology & Embryology Review Course - 2014

March 21 - 23, Friday, 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 2.25 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)

Andrology And Embryology Review Course

Preliminary Schedule of Events

FRIDAY, MARCH 21, 2014

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

8:00 a.m.-8:05 a.m.
Welcome
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

8:05 a.m.-9:35 a.m.
Male Reproductive Physiology and Evaluation of the Infertile Male
D. Lamb, Ph.D., HCLD(ABB)

9:35 a.m.-9:55 a.m.
Questions and Answers Session for: Male Reproductive Physiology and Evaluation of the Infertile Male

9:55 a.m.-10:25 a.m.
Break

10:25 a.m.-12:15 p.m.
Semen Analysis: Including Specialty Testing of ASA, Sperm Cervical Mucus Testing, and Sperm Function Testing
B. Keel, Ph.D., HCLD(ABB)

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

1:15 p.m.-1:40 p.m.
Questions and Answers Session for: Semen Analysis: Including Specialty Testing of ASA, Sperm Cervical Mucus Testing, and Sperm Function Testing

1:40 p.m.-2:25 p.m.
Male Infertility: Reproductive Genetics
D. Lamb, Ph.D., HCLD(ABB)

2:25 p.m.-2:55 p.m.
Break

2:55 p.m.-3:15 p.m.
Questions and Answers Session for: Male Infertility: Reproductive Genetics

3:15 p.m.-4:00 p.m.
Male Gamete Prep for ART (IUI, IVF, TESE, MESE)
J. Conaghan, Ph.D., HCLD/ELD/CC(ABB)

4:00 p.m.-4:15 p.m.
Questions and Answers Session for: Male Gamete Prep for ART (IUI, IVF, TESE, MESE)

4:15 p.m.-5:45 p.m.
Female Reproductive Physiology and Evaluation of the Infertile Female
N. Winston, Ph.D., HCLD/CC/ALD(ABB)

SATURDAY, MARCH 22, 2014

7:30 a.m.-8:00 a.m.
Opening Remarks
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

8:00 a.m.-8:20 a.m.
Questions and Answers Session for: Female Reproductive Physiology and Evaluation of the Infertile Female

8:20 a.m.-9:05 a.m.
Culture of Preimplantation Embryos
J. Conaghan, Ph.D., HCLD/ELD/CC(ABB)

9:05 a.m.-9:15 a.m.
Questions and Answers Session for: Culture of Preimplantation Embryos

9:15 a.m.-10:15 a.m.
Gamete Biology: Fertilization & Preimplantation Development
N. Winston, Ph.D., HCLD/CC/ALD(ABB)

10:15 a.m.-10:45 a.m.
Break

10:45 a.m.-10:50 a.m.
Questions and Answers Session for: Gamete Biology: Fertilization & Preimplantation Development

10:50 a.m.-11:50 a.m.
Ovarian Stimulation
Richard Scott, M.D., HCLD/ALD(ABB)

11:50 a.m.-12:00 p.m.
Questions and Answers Session for: Ovarian Stimulation

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

1:00 p.m.-1:30 p.m.
Micromanipulation
J. Conaghan, Ph.D., HCLD/ELD/CC(ABB)

1:30 p.m.-1:40 p.m.
Questions and Answers Session for: Micromanipulation

1:40 p.m.-2:25 p.m.
Genetics of Reproduction: PGD/PGS
Richard Scott, M.D., HCLD/ALD(ABB)

2:25 p.m.-2:55 p.m.
Break

2:55 p.m.-3:05 p.m.
Questions and Answers Session for: Genetics of Reproduction: PGD/PGS

3:05 p.m.-3:35 p.m.
Embryo Selection and Transfer Preparation
N. Winston, Ph.D., HCLD/CC/ALD(ABB)

3:35 p.m.-3:45 p.m.
Questions and Answers Session for: Embryo Selection and Transfer Preparation

3:45 p.m.-4:30 p.m.
Embryo Transfer and How It Affects Outcome and Management of the Patient Post Transfer
Richard Scott, M.D., HCLD/ALD(ABB)

4:30 p.m.-4:40 p.m.
Questions and Answers Session for: Embryo Transfer and How It Affects Outcome and Management of the Patient Post Transfer

4:40 p.m.-5:40 p.m.
Cryopreservation of Reproductive Cells and Tissue
J. Conaghan, Ph.D., HCLD/ELD/CC(ABB)

5:40 p.m.-6:00 p.m.
Questions and Answers Session for: Cryopreservation of Reproductive Cells and Tissue

SUNDAY, MARCH 23, 2014

7:50 a.m.-8:00 a.m.
Opening Remarks
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

8:00 a.m.-8:30 a.m.
Quality Control, Assurance, and Improvement in the IVF Laboratory
J. Conaghan, Ph.D., HCLD/ELD/CC(ABB)

8:30 a.m.-8:45 a.m.
Questions and Answers Session for: Quality Control, Assurance, and Improvement in the IVF Laboratory

8:45 a.m.-9:45 a.m.
ABB Examination Logistics
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

9:45 a.m.-10:15 a.m.
Break

Joint HCLD, ELD and MT Session

10:15 a.m.-12:15 p.m.
Lab Management - Part I: CLIA, OSHA
(For HCLD, ELD and MT)
B. Keel, Ph.D., HCLD(ABB)
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

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

1:15 p.m.-2:30 p.m.
Lab Management - Part II: Labor Laws, General Management, Compliance Plans, and Fertility Clinic Success Rate Certification Act FDA-HCTP Regulations
(For HCLD, ELD and MT)
B. Keel, Ph.D., HCLD(ABB)
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

2:30 p.m.-2:45 p.m.
Break

2:45 p.m.-4:00 p.m.
Lab Management - Part II: Labor Laws, General Management, Compliance Plans, and Fertility Clinic Success Rate Certification Act FDA-HCTP Regulations
(For HCLD, ELD and MT)
B. Keel, Ph.D., HCLD(ABB)
T. Schalue, Ph.D., HCLD/ELD/CC(ABB)

CANCELLATION POLICY

Cancellations received on or prior to March 6, 2014, are subject to a $25 cancellation fee. A $75 cancellation fee will apply to all cancellations received after March 6, 2014. No refunds will be made for cancellations after March 13, 2014, but substitutions can be made at any time.

AAB's Andrology and Embryology Review Course

NEW for 2014

The format for the 2014 A & E Review has been changed to include a third full day on content. This change will allow for new interactive Question and Answer learning sessions and new content to be included in the course. The Review Manual will also be completely updated for the 2014 A & E 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.

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!"

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.

Faculty

Joseph Conaghan, Ph.D., HCLD/ELD/CC(ABB)
Pacific Fertility Center
San Francisco, California

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/CC(ABB)
American Association of Bioanalysts
Statesboro, Georgia

Richard Scott, M.D., HCLD/ALD(ABB)
RMA of New Jersey
Basking Ridge,New Jersey

Nicki Winston, Ph.D., HCLD/CC/ALD(ABB)
University of Illinois at Chicago
Chicago, Illinois

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 14, 2014**, ABB certifying examination in Las Vegas, Nevada, we suggest that you submit your application **no later than February 1, 2014 (earlier if possible).**

Applications received after February 1, 2014, may not be processed in time to determine eligibility for the May 14 examination. However, there will be another ABB certifying examination on October 17, 2014, in Honolulu, Hawaii, 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.