

Eva Schenkman, MS, PhD, CLT (NY), CC/ALD/ELD/HCLD (ABB)

4836 Red Oak Road Nashville, NC 27856

(631)245-4410

eva@artlabconsulting.com

LinkedIn Profile: www.linkedin.com/in/eva-schenkman-6121778

- Responsibilities include Retrievals, Evaluations, Inseminations, ICSI, Assisted Hatching (Laser), Sperm Preparations, Cryopreservation/Vitrification and Thawing/Warming of Oocytes, Embryos and Sperm, QC, pH analysis, Trophoctoderm biopsies, and Embryo Transfers. Training new staff.

May 2016- Dec 2018 CCRM NY (COLORADO CENTER FOR REPRODUCTIVE MEDICINE NY)

Jan 2019-June 2021 as IVF Embryology Consultant

IVF Laboratory Manager

Manhattan, NY

- Performed all daily clinical procedures in the IVF laboratory.
- Trained all staff, managed all aspects of the IVF laboratory, and arranged staff schedules.
- Responsibilities include Retrievals, Evaluations, Inseminations, ICSI, Assisted Hatching (Laser), Sperm Preparations, Cryopreservation/Vitrification and Thawing/Warming of Oocytes, Embryos and Sperm, QC, pH analysis, Trophoctoderm biopsies, and Embryo Transfers.
- Conducted Research and Data Analysis.
- Responsible for coordinating SART/CDC data entry and compliance.
- CAP, NYS Tissue bank, and FDA compliance
- Maintained IVF database and cryodata information.

Jan 2014- April 2016

NORTHWELL HEALTH FERTILITY

Senior Embryologist

Manhasset, NY

- Performed all daily clinical procedures in the IVF laboratory.
- Responsibilities include Retrievals, Evaluations, Inseminations, ICSI, Assisted Hatching (Laser), Sperm Preparations, Cryopreservation/Vitrification and Thawing/Warming of Oocytes, Embryos and Sperm, QC, pH analysis, PGT Trophoctoderm biopsies, and Embryo Transfers.
- Conducted Research and Data Analysis.
- Responsible for coordinating SART/CDC data entry and compliance.
- CAP, NYS Tissue bank and FDA compliance
- Maintained IVF database, and cryodata information.

Dec 2002- Jan 2014 RMA LONG ISLAND IVF

Senior Embryologist

Melville, NY

- Responsibilities include Retrievals, Evaluations, Inseminations, ICSI, Assisted Hatching (Laser and Acid Tyrode), Sperm Preparations, TESE and MESA preparations, Transfers, Time-Lapse Imaging (Eeva and Embryoscope) Cryopreservation/Vitrification and Thawing of Embryos/Sperm.
- Generated abstracts/presentations for Scientific Meetings.
- Conducted Research and Data Analysis.
- Responsible for the IVF database, data compilation, and maintained all IVF statistics for the laboratory.
- Responsible for all aspects of SART data entry.
- Maintained Frozen Inventory database and performed yearly clinical audits.
- Assisted with New IVF design and setup and shutdown of old IVF lab and transported frozen tissue inventory to new facility.
- PGD Study Coordinator. Coordinated PGD/PGS study patients, ensured study qualifications, and performed randomizations, reviewed consents with patients, coordinated cycle with Reprogenetics.
- Responsible for QA/QC, and organizing the laboratory for CAP, CLIA, NY Tissue Bank, and FDA inspections.
- Social Media Coordinator. Maintained Facebook page, managed targeted advertising for oocyte

Eva Schenkman, MS, PhD, CLT (NY), CC/ALD/ELD/HCLD (ABB)

4836 Red Oak Road Nashville, NC 27856

(631)245-4410

eva@artlabconsulting.com

LinkedIn Profile: www.linkedin.com/in/eva-schenkman-6121778

donors/recipients. Wrote online blogs for patient/physician education. Maintained and posted on program Twitter account and developed slide presentations for professional society meetings and local targeting referral physician-based recruitment luncheons.

1999-2002

NYU REPRODUCTIVE SPECIALISTS OF NY

1994 -1996

IVF Laboratory Manager

Mineola, NY

- Responsible for all aspects of busy IVF program (>1100 cycles/year) including Embryology, Andrology, and Endocrinology.
- Performed Embryo/polar body biopsy, cell fixation.
- Responsible for QC/QA, troubleshooting, and establishing/maintaining laboratory budget.
- Responsible for adherence to all NYS DOH, FDA, NYS Tissue Bank and CLIA regulations.
- Responsible for SART/CDC and laboratory data compilation.
- Performed yearly clinical cryotank audits.
- Responsible for New IVF lab design and setup and shutdown of old IVF lab, coordinated equipment and cryotank inventory relocation.
- Recruited, hired and trained all new staff in Andrology, Endocrinology and Embryology. Developed Embryology, Andrology and Endocrinology laboratory protocols and maintain all manuals and SOPM.
- Organized and presented Patient Orientation and Educational Seminars
- Generated peer-reviewed papers/articles.
- Coordinated PGD program and performed embryo biopsy procedures.

1999-2000

BRIGHAMS AND WOMENS HOSPITAL

Senior Embryologist

Boston MA

Harvard Medical School Teaching Affiliate

- Responsible for all daily procedures in an IVF practice performing >1200 cycles/year.
- Responsibilities included: Retrievals, Evaluations, inseminations, ICSI, Assisted Hatching, Sperm Preparations, transfers, QA/QC, Cryopreservation and Thawing of Embryos.
- Conducted Research at the Direction of the Laboratory Director.

1998-1999

FERTILITY CENTER OF NEW ENGLAND

Senior Embryologist

Reading MA

- Responsible for all daily procedures in an IVF practice performing >1200 cycles/year.
- Responsibilities included: Retrievals, Evaluations, in seminations, ICSI, Assisted Hatching, Sperm Preparations, QA/QC, Cryopreservation and Thawing of Embryos.
- Performed Embryo Biopsies and Polar body Biopsies for PGD procedures.
- Coordinated and performed ongoing research with Genzyme Inc., a leading biotechnology corporation in Framingham, MA. Research included IVM of oocytes, studying zona expression proteins and alternative fixation techniques for PGD.
- Responsible for shutting down recently acquired IVF laboratory as well as final disposition of cryotank inventory and relocation of tanks to new facility.
- Conducted Research at the Direction of the Laboratory Director.

1996-1998

HACKENSACK UNIVERSITY MEDICAL CENTER

Embryologist

Hasbrouck Heights, NJ

- Responsible for all daily procedures in IVF practice.
- Responsibilities included: Retrievals, Evaluations, and inseminations, ICSI, Assisted Hatching, Sperm Preparations, QA/QC, Cryopreservation and Thawing of Embryos.
- Conducted yearly clinical cryotank audits.
- Conducted Research at the Direction of the Laboratory Director.

Eva Schenkman, MS, PhD, CLT (NY), CC/ALD/ELD/HCLD (ABB)

4836 Red Oak Road Nashville, NC 27856

(631)245-4410

eva@artlabconsulting.com

LinkedIn Profile: www.linkedin.com/in/eva-schenkman-6121778

- Assisted with New IVF Laboratory design and setup and coordinated cryotank inventory relocation.
- Performed Mouse Embryo and Sperm Survival Assays.
- Coordinated and Trained University in Set-up for transgenic mouse facility.
- Techniques include animal husbandry, RNA/DNA isolation, animal surgeries and microsurgical techniques. Research topics included the study of Transcriptional Repressor ICER-II, a tumor suppressor gene which mediates the antiproliferative activity of cAMP.

1993-1994

LONG ISLAND IVF

Andrologist/Research Assistant

Lake Success, NY

- Responsible for Andrology Procedures at Multiple Practice Site locations.
- Procedures included IUI/ICI Preparations, Diagnostic Semen Analysis including WHO and Strict Criteria.
- Performed Research At SUNY-Stonybrook in Transgenic Mouse Facility.
- Trained in all aspects of transgenics including, surgical techniques, animal husbandry, and DNA/RNA preparations and microinjection techniques.

EDUCATION/LICENSES

Eastern Virginia Medical School

PhD Degree

Norfolk, VA

Major: Reproductive Clinical Laboratory Science

Thesis Topic: The effect of Environmental Stress on Senescence Biomarkers in Preimplantation Embryos

PhD Advisor: Jason Swain, PhD, HCLD

Eastern Virginia Medical School

MS Degree

Norfolk, VA

Major: Clinical Embryology/Andrology

Thesis Topic: The effect of a Low Oxygen Environment on Early Embryo Development.

Cornell University

B.S. Degree

Ithaca, NY

Major: Animal Science

St. Joseph's College

Health Care Management Program

Patchogue, NY

Extramural Studies

Hofstra University Law School

Certificate in Clinical Bioethics

Uniondale, NY Advanced Graduate

May 2015

Embryo Biotechnology Course

Cornell University

Spring 1993

Robert Foote, PhD

Completion of course in Embryo Biotechnology, covering all aspects of IVF, including Bovine retrievals, oocyte collection, embryo culture, micromanipulation, cryopreservation, and embryo transfer.

Certified CAP Laboratory Inspector Training Program

October 2004-College of American Pathology

Philadelphia, PA

October 2007-College of American Pathology

Washington DC

Preimplantation Testing using FISH

2-day training course Alan Thornhill, Ph.D.

Prague, Czech Republic

ESHRE June 2006

Eva Schenkman, MS, PhD, CLT (NY), CC/ALD/ELD/HCLD (ABB)

4836 Red Oak Road Nashville, NC 27856

(631)245-4410

eva@artlabconsulting.com

LinkedIn Profile: www.linkedin.com/in/eva-schenkman-6121778

Aseptic Vitrification

Hands-on Workshop

NYC March 2005

Markus Montag, Ph.D. Penetrating Innovations

Licensed Clinical Laboratory Technologist

NYS Dept of Health

License No: 007107 Office of the Professions- New York State Education Department

Licensed Technical Supervisor:

TS Subspecialty: Embryology

American Board of Bioanalysts

#2200331 Oct 2007

Licensed High Complexity Laboratory Director

HCLD

American Board of Bioanalysts

#220331

Licensed Embryology Laboratory Director

ELD

American Board of Bioanalysts

#2200331

Licensed Clinical Consultant

CC

American Board of Bioanalysts

#2200331

Licensed Technical Supervisor

TS Subspecialty: Andrology

American Board of Bioanalysts

#2200331

Licensed Andrology Laboratory Director

ALD

American Board of Bioanalysts

#2200331

Speaking Engagements

- Speaker for the American Infertility Association at the International Infertility and Adoption Conference 2002. Workshop Entitled: Cryopreservation and Decisions about Frozen Embryos.
- Guest Host of National Online Web Chatroom for Infertility Patients on varying range of topics 2002. Sponsored by the American Infertility Association.
- Roundtable Discussion: Oocyte Vitrification: Tips and Tricks for Success: Presented May 2015, American Association for Bioanalysts Conference, Las Vegas, NV.
- Guest Lecturer- Hofstra Medical School Ethics Club for 1st and 2nd Year Medical School.-
- Clinical Instructor EVMS master's Program- Assist and teach in the Hands-on Clinical Workshops for EVMS Master's Program in Reproductive Clinical Laboratory Sciences.
- Guest Trainer-CooperGenomics Center of Excellence. Livingston, NJ 2019-Present
- Presentation REDLARA Conference in Quito, Ecuador. Using your EMR for Quality Management in the IVF Laboratory. Nov 2019
- Session Moderator OR02-14 Reproductive Biology: Animal and Experimental Studies ASRM 2019
- Roundtable Discussion: The Effect of Environmental Toxicity on IVF Outcome. ASRM 2019.
- Innovations in Quality Management in the IVF Laboratory Online Webinar June 2020
- CME Interactive Session: Speaker/Co-Chair ASRM 2020 IN4-03 SRBT-Benefits and Limitations of Time Lapse Imaging and AI in ART

Eva Schenkman, MS, PhD, CLT (NY), CC/ALD/ELD/HCLD (ABB)

4836 Red Oak Road Nashville, NC 27856

(631)245-4410

eva@artlabconsulting.com

LinkedIn Profile: www.linkedin.com/in/eva-schenkman-6121778

- IVF Around the World March 2021 International Webinar. Minimizing Stress in the IVF Lab: A US Perspective
- International IVF Initiative (I3) Session 6 Introduction to Quality Control Part I. Host/Moderator. 2020
- International IVF Initiative (I3) Session 9 Get your DNA Fragmentation out of my Uterine Microbiome. Moderator/Co-host. 2020.
- International IVF Initiative (I3) Session 10: Introduction to Quality Control Part II. Host/Moderator. 2020
- International IVF Initiative (I3) Session 97 Legacy Part 1 Summer 2022
- International IVF Initiative (I3) Session 98 Legacy Part 2 Summer 2022
- CRB Cryopreservation Workshop: History, Theory, and Practice Faculty May 2023
- Fertility Bridge Podcast Inside Reproductive Health Podcast
#182 Barriers to Automating the IVF Lab June 2023

ABSTRACTS/PUBLICATIONS/REVIEWER

- **The Rate of Human Development to the Blastocyst Stage Influences Clinical Pregnancy Rate.** E. Johnson, WA Caswell, RI Hardy, MA Lee, MM Guarnaccia, JC Petrozza, VR Cardone. New England Center for Reproductive Medicine. Presented at the 55th annual meeting, American Society for Reproductive Medicine Sept 25-30, 1999, Toronto, Canada.
- **The Effect on Clinical Pregnancy Rates of the Transfer of Human Blastocysts Following Intracytoplasmic Sperm Injection (ICSI).** E Johnson, WA Caswell, I Hardy, MM Guarnaccia, JC Petrozza, VR Cardone. New England Clinic for Reproductive Medicine. Presented at the 55th annual meeting, American Society for Reproductive Medicine Sept 25-30, 1999, Toronto, Canada.
- **Assisted Hatching and Cryopreservation: Impact on Pregnancy Rates in Frozen Embryo Transfers.** E Johnson, WA Caswell, M Tucker, G SanRoman, MD, Kristen Cain, MD, and James Stelling, MD. Presented at the Annual Meeting of the American Society for Reproductive Medicine. Seattle, Washington, 2002 *Fertility and Sterility* September 2002 (Vol. 78 Supplement 1, page S127).
- **Presence of Eight-Cell Embryos is a Positive Indicator for Cycle Outcome in Patients 40 years of Age and older Following an IVF Treatment Cycle.** E Johnson, MD Vermilyea, WA Caswell, K Cain, MD, G SanRoman, MD. Presented at the Annual Meeting of the American Society for Reproductive Medicine. Seattle, Washington, 2002.
- **Performing ICSI on poor responder patients following IVF did not improve cycle outcome.** E Johnson, MD Vermilyea, W Caswell, K Cain. G San Roman. *Fertility and Sterility*. September 2002 (Vol. 78 Supplement 1, page s252 Presented at the Annual Meeting of the American Society for Reproductive Medicine. Seattle, Washington, 2002.
- **A Comparison of Global, P1 and Quinn's Advantage Culture media: There was no significance in clinical outcome.** G Moodie, E Schenkman, S Chao, P Sinclair, S Brenner, D Kenigsberg. Poster Presentation at the 60th Annual American Society for Reproductive Medicine Meeting, Philadelphia, PA Oct 16-21st, 2004.
- **Oocyte Yield at IVF retrieval had no effect on the implantation rate in younger IVF patients (< 35 years of Age).** E Schenkman, S Chao, P Sinclair, S Brenner, D Kenigsberg, G Moodie. Oral Presentation at the 60th Annual American Society for Reproductive Medicine Meeting, Philadelphia, PA Oct 16-21st, 2004.

Eva Schenkman, MS, PhD, CLT (NY), CC/ALD/ELD/HCLD (ABB)

4836 Red Oak Road Nashville, NC 27856

(631)245-4410

eva@artlabconsulting.com

LinkedIn Profile: www.linkedin.com/in/eva-schenkman-6121778

- **Effective Use of Embryo Glue on Clinical Pregnancy Rate in Frozen Embryo Transfers.** Chao, S. Schenkman, E. Kim SY, Kenigsberg, D, Brenner, S, Moodie, G. Poster Presentation at the 64th Annual Meeting of the American Society of Reproductive Medicine, San Francisco, CA, 2008.
- **The Effect of a Low Oxygen Environment on Early Embryo Development.** Schenkman, E, Moodie, G., Kuokkanen, S, Kenigsberg, D., Russell, H. J. of Reproductive Medicine, and Endocrinology. (Vol. 7 No. 4 FC 10-2 pg. 262, 2010) Oral Presentation at the 20th World Congress of the IFFS (International Federation of Fertility and Sterility) meeting September 12-16th, 2010. Munich, Germany.
- **Effect of a Low Oxygen Environment on Early Embryo Development and Cycle Outcome.** Schenkman, E, Moodie G, Kuokkanen S, Kenigsberg D, Brenner S, Russell H. Presented at the 68th Annual Meeting of the American Society for Reproductive Medicine. October 2011, Orlando, Florida. *Fertility and Sterility* (Vol. 96 No. 3 pg 247-248.
- **eSET vs DET: Its Clinical Effectiveness in the Real World.** Schenkman E, Kenigsberg D, Kreiner D, Brenner S, Pena J and Moodie G. Accepted for presentation at the 70th Annual Meeting of the American Society for Reproductive Medicine. October 2013, Boston, MA. *Fertility and Sterility* September 2013. 100(3) S249.
- **Minimal Stimulation (Micro IVF) achieves similar Clinical Outcomes in patients under 35 years of age compared to those undergoing conventional ovarian hyperstimulation.** Schenkman E, Laib A, Kenigsberg D, Kreiner D, Brenner S, and Moodie G. Accepted for presentation at the 70th Annual Meeting of the American Society for Reproductive Medicine. October 2013, Boston, MA. *Fertility and Sterility*. Volume 100, Issue 3, S270-271.
- **Are Aneuploidy Rates higher on Day 6 compared to Day 5 of Development?** Alikani, M., Schenkman, E. Pan, Y., Cohen, MA., Hershlag, A. Presented at the 71st Annual Meeting of the American Society for Reproductive Medicine, October 2014, Honolulu, Hawaii. *Fertility and Sterility*. 09/2014
- **Elective single day 3 embryo transfer (D3eSET): an effective treatment for young patients with reduced prognosis.** M Alikani, C Mullin, E Schenkman, Y Pan, M Bolkas. *Fertility and Sterility* 104(3) e215-e21. 2015.
- **The Impact of Antimullerian Hormone and Maternal Age on Cycle Outcome Following a Frozen Transfer of a Single Euploid Embryo .** E. Schenkman, MS, Andrea Westerlund, Rebecca Holmes, PhD, William Schoolcraft, MD, Jason Swain, PhD, HCLD Presented at the PCRS Meeting 2019 (Volume 111, Issue 4, Suppl, E40-41. April 2019).
- **Re-expansion of Warmed Vitrified Blastocysts Before Embryo Transfer is Predictive of Cycle Outcome.** Eva Schenkman, Nellie Siracusa, Amanda Hanson, Mark Simpkins, Brian Levine, Janet Choi, Sheeva Talebian, Jaime Knopman, Jason Swain. Presented at the ASRM Meeting 2018. (Vol 110 Issue 4 Suppl, E233 September 2018).
- **Differences in Vitrified Oocyte Outcomes Based on Source of the Oocytes.** E. Schenkman, N. Siracusa, S. Ozensoy, F. Khan, Mark Simkins, B. Levine, J. Choi, S. Talebian, J. Knopman, J. Swain. P313 Presented at the ASRM Meeting 2018. (Vol 110 Issue 4 Suppl, September 2018).
- **Senescence in mammalian embryos as a novel assay for quality control in the IVF laboratory** E. Schenkman, M. Angle, H. Russell, J. Swain. P 230. Presented at the ESHRE 2022 Meeting, Milan, Italy.
- **Senescence during *in vitro* embryo development in a murine model.** E Schenkman, H Russell, J Swain, M Angle. *Fertility and Sterility*. Volume 118 Issue 4, Supplement, E333-334, October 2022. ASRM.

PROFESSIONAL MEMBERSHIPS/COMMITTEES

- ✓ **Senior Member of the Steering Committee for the NY Metropolitan Embryology Society 2003-Present**- Responsible for organizing quarterly meetings/lectures/workshops for over 300 members of the NY Metropolitan region for Embryologists/Andrologists/Reproductive Endocrinologists in NY, NJ and CT. Responsible for closely working with industry professionals for product launch demonstrations and recruiting sponsorships, speakers, and vendor support. Responsible for finding venues, organizing menu options, promoting meetings, maintaining social media sites, sending out and tracking RSVPs and tracking CEU credits for members.

SWES (Southwest Embryology Society) Meeting Planning Committee **2022-Present**

Responsible for Planning Annual Meeting for the SWES meeting. Organizing speakers, vendors, and sponsors.

- ✓ **College of Reproductive Biology Meeting Planning Committee** **2019-2020**
2023-2024

Society for Reproductive Biologists and Technologists (SRBT) **2019-2022**

Nominations Committee- Elected Member-at-large

College of Reproductive Biology Board Member **2020-2022**

Chair of the CRB Legislative Committee

Nominated Secretary for CRB

2023-2024

Founding Member North Shore LIJ Ethics Club **2016-Present**

Monthly Meetings held at The Feinstein Institute to discuss and present relevant Ethics Articles/topics for review by the members of the club.

- ✓ **Member SRBT Nomenclature Sub-Committee** **2015-2017**
This committee is responsible for establishing guidelines for the definition of terms used in the field of Assisted Reproductive Technologies.

- ✓ **Member SRBT Applied and Basic Research Subcommittees** **2015-2017**
The goals of these two committees are to identify questions of importance to SRBT members. Then address these questions by exploring the SART database, with publications resulting from these efforts.

ASRM Abstract Review Committee-2017-2022- Part of Abstract Review Committee to review peer-submitted abstracts for presentation at the Annual ASRM Meeting in October.

JARG and Fertility and Sterility Journal Reviewer- Jan 2023-Present Part of the peer review team for manuscript review for journal submissions.

- ✓ **Cornell Alumni Admissions Ambassadors Network Committee (CAAAN) 2002- Present**- As a Cornell Alumni, I serve as an ambassador to prospective students in my local area by meeting yearly with high school seniors. I meet with them to answer questions about the application process, and campus life, and putting a personal face on Cornell by providing them with information about the University and its strengths.

- ✓ **Alumni Class President Cornell University Class of 1993**- Past Alumni Class President, responsible for coordinating reunion activities and arranging local and regional networking events for alumni. Maintaining class website and class column in the Cornell Alumni Magazine.

Memberships: American Society for Reproductive Medicine (ASRM), American Association of Bioanalysts (AAB), Society of Assisted Reproductive Technology, NY Reproductive Medical

Society, NY Metropolitan Embryologist Society and the Society of Reproductive Biologists and Technologists (SRBT)