

March 27 - 29, 2019 ~ Renaissance Cruise Port Hotel & Ovatoools Training Institute ~ Fort Lauderdale, FL

Clinical Micromanipulation Workshop

Educational Lectures & Hands-on Sessions for ICSI, Biopsy, Tubing & Vitrification

Keynote & Lecture Sessions: Renaissance Fort Lauderdale Cruise Port Hotel, 1617 SE 17th Street

Hands-On Sessions: OvaTools Andrology & Embryology Training Institute, 1650 SE 17th Street

SPEAKERS & TRAINERS

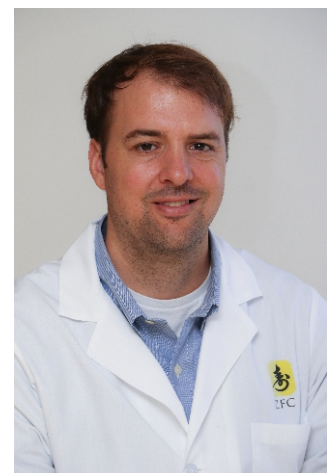
- Gary Smith, Ph.D., HCLD(ABB), Professor, University of Michigan
- Kathleen Miller, D.H.Sc., TS(ABB) Vice President, MedTech Laboratory Solutions, Scientific Director, IVF FL
- Charles Muller, Ph.D., HCLD/CC(ABB), Laboratory Director, University of Washington
- Sally Rodríguez, ScM, Genetic Counselor, Sequence46
- Missy Rose, ASCP(CG)^{CM}, IVF/Reproductive Health Specialist, ThermoFisher Scientific
- Mike Magee, Regional Sales Director, Clinical Markets, Hamilton Thorne

KEYNOTE ADDRESS & RECEPTION - DAY 1

Wednesday, March 27th , 5 p.m. - 7 p.m., Renaissance Cruise Port Hotel

Dr. Manuel Viotti, CRISPR Gene Editing and Ramifications

Manuel Viotti is Senior Scientist at the Zouves Foundation for Reproductive Medicine. He completed a PhD at the Weill Graduate School of Cornell University in New York City, with a thesis on the cell dynamics of early mammalian embryology. He then joined the San Francisco Bay Area biotech company Genentech as a Postdoctoral Research Fellow. During that time he developed molecular and cell-based methods to identify novel targets in drug discovery, including a CRISPR-based screening system to find new drugs against pancreatic cancer. Currently at the Zouves Foundation, he heads a research laboratory working on human embryology and infertility, with a special emphasis on molecular biology methods to improve the process of IVF.



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AGENDA - DAY 2

7:45 a.m. - 8:15 a.m.	Registration, Breakfast & Welcome	Mike Magee
8:15 a.m. - 9:00 a.m.	Vitrification of Human Cells	Gary Smith
9:00 a.m. - 9:45 a.m.	Contemporary Semen Analysis Techniques	Charles Muller
9:45 a.m. - 10:00 a.m.	Break	
10:00 a.m - 10:45 a.m.	Troubleshooting ICSI & Biopsy	Kathleen Miller
10:45 a.m - 11:30 a.m.	Optimizing Your Lab - Tools of the ART	Mike Magee
11:30 a.m - 12:15 p.m.	Fertilization from the Sperm's Point of View	Charles Muller
12:15 p.m - 1:15 p.m.	Lunch	
1:15 p.m. - 3:00 p.m.	Hands-on Practice for ICSI, Biopsy, Tubing & Vitrification	Various Trainers
3:00 p.m - 3:15 p.m.	Break	
3:15 p.m - 5:00 p.m.	Hands-on Practice for ICSI, Biopsy, Tubing & Vitrification	Various Trainers

AGENDA - DAY 3

TIME	TOPIC	SPEAKER
7:45 a.m. - 8:15 a.m.	Breakfast	
8:15 a.m. - 9:00 a.m.	Automization of the IVF Laboratory	Gary Smith
9:00 a.m. - 9:45 a.m.	Indications for ICSI: Evidence and Evolution	Charles Muller
9:45 a.m - 10:00 a.m.	Break	
10:00 a.m - 10:45 a.m.	Managing and Assessing Technical Performance	Kathleen Miller
10:45 a.m - 11:30 a.m.	An Introduction to Ion Torrent Next-Generation Sequencing and ReproSeq for Pre-Implantation Genetic Screening	Sally Rodríguez, Missy Rose
11:30 a.m - 12:15 p.m.	Fertilization from the Oocyte's Point of View	Gary Smith
12:15 p.m. - 1:15 p.m.	Lunch	
1:15p.m - 3:00 p.m.	Hands-on Practice for ICSI, Biopsy, Tubing & Vitrification	Various Trainers
3:00 p.m - 3:15 p.m.	Break	
3:15 p.m. - 5:00 p.m.	Hands-on Practice for ICSI, Biopsy, Tubing & Vitrification	Various Trainers