2015 SUMMER INTERNSHIP PROGRAM

Guest Speakers Bios
GUEST FACULTY

1. DISBROW, JOSH, M.B.A.
2. LY, KIM DAO, M.B.A.
3. PAREKATILL, Sijo J, M.D.
4. Rizk, Botros, M.D., Ph.D.
5. SALLAM, Hassan N., M.D., Ph.D.
6. SIKKA, Suresh, Ph.D.
Josh Disbrow is the Chief Executive Officer of Aytu BioScience, Inc. and has been in the life sciences industry for over eighteen years across pharmaceuticals, diagnostics, and medical devices. Prior to forming Aytu BioScience, Josh was the Chief Operating Officer of Ampio Pharmaceuticals (NYSE MKT: AMPE) and led the Luoxis Diagnostics subsidiary. Luoxis was merged into Aytu in April 2015. Prior to joining Ampio in 2012, he served as Vice President of Commercial Operations at Arbor Pharmaceuticals. Josh began as Arbor’s second employee and oversaw the commercialization of the company’s first product, scaling the commercial organization to over 150 people across sales, marketing, payer markets, distribution, commercial operations, and national accounts. In less than four years, Arbor grew from a company without any product revenues to a company with net sales in excess of $127 million. When Arbor was sold to a private investment group in 2010, Josh maintained his position and continued to build the company’s commercial infrastructure and capabilities. Prior to Arbor, Josh held positions in sales and marketing at Cyberonics, LipoScience, and GlaxoSmithKline. He has a Master of Business Administration from Wake Forest University and Bachelor of Science in Management from North Carolina State University.
LY, KIM DAO, BS, MBA

Kim Dao Ly is a fourth year medical student at the Texas A&M Health Science Center College of Medicine and completing her rotations at Baylor Scott & White in Dallas, TX. She obtained her Bachelor of Science in Biology with a minor in Chemistry from Baylor University, Waco, TX in 1998. She later obtained her Masters in Business Administration from the University of North Texas, Denton, TX in 2000. She joined the Center for Reproductive Medicine Cleveland Clinic, Cleveland, OH as a researcher for the 2009 Summer Internship. She earned the Best Volunteer Award and first place for the Best Intern Award. She has written and published four research articles in the area of embryology: implantation failure after IVF, pre-implantation genetic screening, blastocyst transfer, and the developmental competency of the oocyte and embryo.
Dr. Sijo Parekattil is Co-Director of The PUR Clinic (Personalized Urology & Robotics) at South Lake Hospital & Orlando Health. He was an Electrical Engineer (University of Michigan) prior to his medical training and thus has interests in surgical techniques incorporating technology, robotics and microsurgery. He completed his urology residency training at Albany Medical Center and then went onto complete dual fellowship training from the Cleveland Clinic Foundation, Cleveland in Laparoscopy/Robotic Surgery and Microsurgery/Male Infertility.

Dr. Parekattil has received numerous awards including two Annual Innovator Awards from the Cleveland Clinic Foundation and the Golden Garland Award in Medicine in 2012. He has published several articles in the field of robotic microsurgery. He is an editor on a few textbooks on Male Infertility and a surgical textbook on Robotic Microsurgery. He has performed some pioneering work in the arena of robotic microsurgery and has performed well over 1000 such procedures. He has developed a multi-disciplinary program dedicated to the treatment of male infertility and groin/testicular pain. He is also a Visiting Professor at the University of Zambia, Lusaka, Africa.

He is one of the founding Board members of the Robotic Assisted Microsurgical & Endoscopic Society (RAMSES), a group focused on the evidence based development of tools and platforms for robotic assisted microsurgery and the International Microsurgical Simulation Society (IMSS), a group focused on developing more standardized and effective microsurgical training techniques. He is on the foundation board for Florida Polytechnic University, Lakeland, FL.
Botros Rizk is Professor and Head of Reproductive Endocrinology and Infertility and Medical and Scientific Director of USA In vitro fertilization and assisted reproduction at the University of South Alabama. Mentored by Nobel Laureate Professor Robert Edwards, who was awarded the nobel prize in Medicine for achieving the first successful In Vitro fertilization in the world, Dr Rizk started his career in Reproductive Medicine in London and Cambridge where most of the current scientific developments and medical protocols where invented. He joined the prestigious University of Cambridge for three years from 1990 to 1993. Dr Rizk is board certified by the American Board of Obstetrics and Gynecology and the Royal College of Physicians and Surgeons of Canada and the Royal College of Obstetricians and Gynaecologist in England, as well as, the American Board of Bioanalysts in Embryology and Andrology.

Dr. Rizk’s areas of clinical and research interests have been ovarian stimulation including the development of the long agonist protocol inspired by his colleagues Professors Howard Jacobs and Seang Lin Tan and Dr Charles Kingsland. He is internationally considered a leading authority on ovarian hyperstimulation syndrome and made original contributions to the pathophysiology and prevention of the syndrome. Dr Rizk authored a book solely dedicated to ovarian hyperstimulation syndrome that is considered the standard reference for OHSS. Dr Rizk is an authority on endometriosis; its novel medical management and robotic surgery.

Professor Rizk published twenty medical textbooks embracing different aspects of infertility and assisted reproduction, as well as, ultrasonography and robotic surgery. Dr. Rizk is one of the early members of European Society for Human Reproduction and a founding member of Middle East Fertility Society.
SALLAM, HASSAN NOOMAN, MD, DGO, DrChO&G (Alex), FRCOG (England), PhD (London)

Dr. Hassan Sallam is a Professor and former Chairman of Department of Ob-Gyn in Alexandria University, Egypt and Clinical Director of the Alexandria Fertility and Assisted Reproduction Center. He was a founding member of the IVF unit at King’s College Hospital (London, UK) in 1981 and St-Luke’s Roosevelt Hospital Center of Columbia University in New York City in 1984. He is former vice-dean and director of research at the Alexandria University Faculty of Medicine. He is also the Director of the Alexandria Regional Center for Women's Health and Development, a training and research Center active in all areas of women's health.

He has published over 100 papers in national and international refereed journals in three languages as well as three books. He is the co-author of “Infertility and Assisted Reproduction”, the reference textbook published in 2008 by Cambridge University Press. Dr. Sallam serves or has served on the editorial boards of many journals including Human Reproduction (2000-2004), Reproductive Biomedicine Online (2002-2008), the Middle East Fertility Society Journal and Facts, Views and Visions in OB/GYN since their inception. He is a founding board member of the Middle East Fertility Society, the founding chairman and past president of the Mediterranean Society for Reproductive Medicine and a board member of the International Society of IVF.

His current research interests include biochemical approaches for embryo selection, optimizing embryo transfer, prediction of OHSS, endometriosis-associated infertility and repeated implantation failure. He is also active in the fields of infertility for developing countries and combating violence against women.
Dr. Suresh C. Sikka is currently Professor and Research Director of Urology and Director of Andrology Clinic and Research Laboratories at Tulane University in New Orleans. After obtaining his doctorate (Ph.D.) degree in 1978 from PGI, Chandigarh, India, he joined AIIMS, New Delhi, India as research officer and soon moved to University of Southern California (USC), Los Angeles as PDF. In 1982 he joined Dept. of Urology to direct Andrology Research Laboratory at Harbor-UCLA and was soon promoted to Assistant Professor at UCLA. In 1988, Dr. Sikka moved to Tulane University, New Orleans as Full-time faculty and rose to the rank of Professor in Urology and Adjunct Professor in Departments of Pharmacology, Biochemistry, & Human Genetics.

Dr. Sikka is board Certified High-complexity Clinical Lab Director (HCLD), Clinical Consultant (Andrology) and Clinical Laboratory Scientist (CLS)-Specialist and directs CLIA/HCFA certified Andrology laboratory of Tulane University Hospital. Dr. Sikka at Tulane has been responsible for establishing many clinical diagnostic procedures in male infertility and erectile dysfunction (including penile Doppler ultrasound). His current research interests focus on understanding the role of oxidative stress and aging as related to many Urological disorders (mainly erectile dysfunction, infertility, GUI); their early detection and prevention employing specific molecular markers, stem-cells, in-vivo and in-vitro models. He has authored over 180 peer reviewed manuscripts, book chapters, and review articles, and over 400 abstracts. He has made many presentations and lectures at various National and International scientific and professional meetings. He has served reviewer of reproductive toxicology study section and PI/ Co-I of many federal/privately funded research grants.

At Tulane he has established a comprehensive standardized semen analysis training program, trained 170 technicians from USA, Canada, Germany, and South Africa. This program caters to the needs of many major pharmaceutical companies for their sperm safety studies as per FDA requirements. He has also served as expert panel member on Standardization of Penile Doppler Ultrasound and published SOP on such standardization. He is actively involved in teaching/training of Urology residents, medical students, research fellows and is an active reviewer of manuscripts/grants. He is currently Chief Editor of “Handbook on Environmental Toxicology: Men’s Reproductive and Sexual Health” soon to be published by Elsevier Press.