



# ISTT Online Workshop on Non-surgical Embryo Transfer and Use of Cervical Manipulation for Induction of Pseudopregnancy in Recipient Mice

## Highlights

- Estrous cycle synchronization
- Cytological profiling and estrous cycle determination
- Cervical manipulation to induce pseudopregnancy
- Non-surgical embryo transfer

## Meet the Experts



Barbara Stone



Philip Damiani

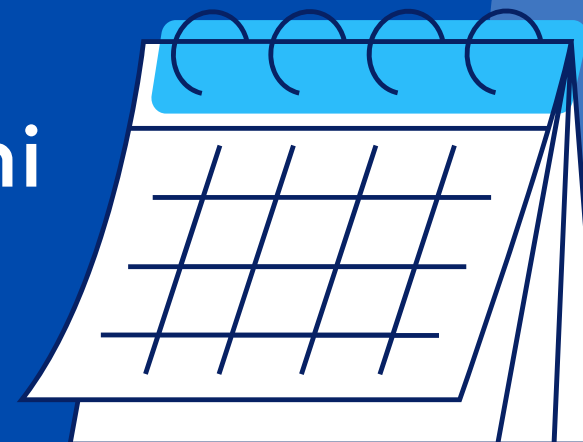
## 2 Offered Sessions:

18 July 2023 at 15:00 UTC

10AM Houston | 5PM Paris | 8.30PM New Delhi

20 July 2023 at 02:00 UTC

4AM Paris | 7.30AM New Delhi | 12PM Sydney



REGISTER BY  
15 JULY 2023

FREE Registration at  
[ISTT workshop page](#)

Contact: [education@transtechsociety.org](mailto:education@transtechsociety.org)

# Meet the Experts



**Dr Barbara Stone**

Dr. Barbara Stone is the Director of Animal Research and Director of Assisted Reproduction Sciences at ParaTechs Corporation. She received her bachelor's degree in Microbiology from the University of Illinois and her PhD in Microbiology and Molecular Genetics from UCLA, studying microbial virulence factors. Postdoctoral training at the University of North Carolina, Chapel Hill, and the University of Kentucky also focused on bacterial/host cell interactions for pathogenic bacteria. Dr. Stone was trained in techniques used in assisted reproduction at the University of Kentucky Transgenic Core Facility. As a senior research scientist at ParaTechs since 2009, her primary research responsibility is for technology development and assisted reproduction technologies including the Non-Surgical Embryo Transfer (NSET) devices for both mice and rats. Dr. Stone regularly teaches training workshops at international meetings and research institutions and lectures regarding the use of NSET as an example of technique refinement for the humane use of laboratory animals in biomedical applications. She is currently contributing to the invention and development of several products in the ParaTechs portfolio including products for rodent artificial insemination and gamete cryopreservation and cryorecovery.



**Dr Philip Damiani**

For more than 26 years, Dr. Damiani has worked extensively in the field of assisted reproductive technology, including sperm and embryo cryopreservation, in vitro fertilization, embryo manipulation and nuclear transfer (cloning) for a wide variety of species. He is considered an expert in the areas of assisted reproduction, transgenic breeding, cryopreservation and owns several patents for cloning methods, including domestic and non-domestic species. Previously, Dr. Damiani served Director of Embryology and Genetically Engineered Models and Services for Charles River Laboratories where he was responsible for coordinating scientific research and development within the company's commercial embryology laboratory. Prior to his time at Charles River, Dr. Damiani held progressive leadership roles at Taconic, Envigo, Genetic Savings and Clone, Inc., Advanced Cell Technology and Infigen, Inc. Dr. Damiani received his B.S. in Zoology from the State University of New York at Oswego in 1988 and his doctorate from the University of Massachusetts in Reproductive Physiology in 1997.