

- ❖ Name & Designation : Mr. Sumit M. Bhutada, Research Scholar,
- ❖ Address : Primate Biology Dept., National Institute for Research in Reproductive Health, Mumbai-400012.
- ❖ Name of the International Conference/ Seminar/Symposium/Workshop : Fertility: A global challenge 2014.
- ❖ Title of the abstract accepted : Uterine secretome and its modifications during conception and non conception cycles in rats (RattusNorvegicus)
- ❖ Date & Venue : 19-23rd July 2014. Michigan, USA.
- ❖ Money sanctioned : Rs 1,00,000/-
- ❖ Money reimbursed : Rs 1,00,000/-

Participation Report

Society for Study in Reproduction organized its 47th Annual meeting at Grand Rapids, Michigan, USA. There were several countries which participated in the event with approximately 800 participants from all over the globe. Posters sessions were carried out every morning from 7am to 9 am followed by the scientific sessions. The scientific sessions were held every day under five modules, each module was again subcategorized as 1) Mechanisms of Fertility/Infertility, 2) Translation of Basic Science to Real-World Practice, 3) Interrelationship of Reproduction and the Environment, 4) Ovarian Workshop , 5) Pregnancy/Developmental Origins of Health and Disease.

Academic Highlights of the Conference

This year's meeting, *Fertility: A Global Challenge*, highlighted upon the impact reproductive science has on the environment, wildlife species, domesticated animals, human fertility, and population growth, as well as their interaction with one another. Jock Findlay, Ph.D., D.Sc. (Prince Henry's Institute of Medical Research) hosted a President's Symposium that focused on the success and challenges associated with advancing the next generation of effective and safe contraceptives, including new developments in male and non-hormonal female contraceptives.

Symposium speakers Christina C. Wang, M.D. (University of California Los Angeles), a world leader in efforts to develop a safe, effective, and reversible hormonal male contraceptive, and Jeffrey T. Jensen, M.D. (Oregon Health and Science University), whose experience in both research and family planning inspires his dedication to the development of safe and widely accessible female contraceptives.

The President's Symposium, "Increasing Global Contraceptive Use," was given by Anna Glasier, M.D. (London School of Hygiene and Tropical Medicine and University of Edinburgh). Dr. Glasier is a recognized world expert on emergency contraception and has been an instrumental figure in its deregulation.

Additional lectures include the following:

- A Plenary Lecture by Milo C. Wiltbank, Ph.D. (University of Wisconsin-Madison), focusing on reproductive issues related to agriculturally relevant species.
- A Historical Perspectives Lecture on the history of cloning by Sir Ian Wilmut, FRS, Ph.D. (University of Edinburgh).
- A State-of-the-Art Lecture by Richard E. Green, Ph.D. (University of California, Santa Cruz), on reproduction and human evolution.

Participant's Contribution to the Conference

As a participant for the 47th Annual meeting of Society for Study in Reproduction, my work was presented as a poster, abstract no. 306, entitled "Uterine Secretome and its Modifications during Conception and Non conception Cycles in Rats (*Rattus Norvegicus*)" and was also a co-author in the work presented as an oral talk by Dr. Geetanjali Sachdeva entitled "HMGB1 Protein High Mobility Group Box 1 – A Component of Human Secretome and its functional Relevance." I also participated as a volunteer at the meeting to help the organizers with various arrangements like poster setups from other participants, monitoring of the session area etc.