

❖ Name & Designation	: Ms. Dimple Anand, Research Scholar
❖ Address	: Dept. of Biochemistry, Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: 8th Annual Symposium of International Sepsis Forum-2014.
❖ Title of the abstract accepted	: Pro versus anti-inflammatory response in sepsis patients: looking at the cytokines
❖ Venue & Date	: Paris, France, 3-5th December 2014.
❖ Money sanctioned	: ₹ 50,251/-
❖ Money reimbursed	: ₹ 58,951/- (Due to hike the fare of air travel an additional ₹ 8,800/- were sanctioned)

Participation Report

A. Organization of training and workshops

The 8th international symposium of sepsis was organized by the International Sepsis forum in the prestigious Institut Pasteur at Paris, France. The symposium was attended by various physicians, researchers, scientists, medical advisor working in the field of sepsis. The conference was headed by a Council of international experts and opinion leaders. There were more than 30 participating countries and i was fortunate to be one of the three delegates from India.

- A. No. of Sessions:** Sepsis 2014 was organized with sessions for three days (Dec 3, 2014- Dec 5, 2014): 8 Sessions followed by discussion and views of the experts about sepsis
- 3.12.2014- Resuscitation in sepsis: Insights from the latest trials: One Session and One plenary lecture followed by poster presentations.
 - 4.12.2014- 4 sessions
 - 5.12.201- 4 sessions
 - Posters presented-98

The poster session was very informative and provided awareness of the current research in sepsis (clinical and basic). Selected abstracts are published in Critical Care 2014, Vol 18: Suppl 2

B. Academic Highlights (New Developments presented at the Training/ Workshops and New Developments resulting from the Training/Workshop)

The conference covered all the major area of sepsis and newer developments in the following basic research and their clinical implications presented by key note speakers in the conference.

- Epigenetic regulation of systemic inflammation
- Signal Transduction Cascades
- Mitochondrial protection and recovery
- Stem cells for sepsis
- Novel Biomarkers of sepsis
- Immune Monitoring
- Genetics of Sepsis
- Recent clinical trials: ARISE Study, ProCESS

In the 8th symposium of International sepsis forum, there were presentations by international experts on topics spanning from cutting edge, basic science research in the molecular biology of sepsis to clinical aspects, epidemiology of sepsis in different parts of the world. There were enlightening lectures with updates on recent trials along with appropriate use of antibiotics, fluid, vasopressor management for septic patients.

Finally, conference proved beneficial in understanding the current trends in management of sepsis patients. Also provided knowledge and awareness of upcoming techniques and developments for molecular diagnostics, as well as the role of various factors and genetics affecting the response of the sepsis patients.

Participant's contribution to the workshop/conference

I presented my work titled "Pro versus anti-inflammatory response in sepsis patients: looking at the cytokines". Through my poster presentation, I informed the conference attendees that

- Anti-inflammatory response was found to be associated with the later death of the septic patients and there is need to explore the role of immunomodulators in this group (later death).

The observations of my study generated a lot of interest and lead to discussions among the clinicians and researchers. My work was appreciated by the scientific audience and experts of the area. Some interesting questions were raised which I answered satisfactorily. There was very good feedback and recommendations by Dr. Derek Angus, chairperson of the session, principal investigator of various sepsis clinical trials.

The conference also provided me the opportunity to discuss my work with the experts in the area of sepsis and their suggestions inspired me to incorporate new ideas in my work. I also got the opportunity to interact with Dr. Subhash Todi, Director Department of Critical care and Emergency Medicine, AMRI, Kolkata conducted the multi-centric epidemiology study on sepsis from India. I would like to thanks ICMR for providing me the funds to travel to Paris, France to present my work.