

- onal Conference/
/ Workshop
accepted
- : Ms. Deepashri Rao, Research Scholar.
 - : Dept. of Neurobiology, NIMHANS, Bangalore-560029
 - : 4th World Congress on Virology 2014.
 - : Differential expression of pattern recognition receptors in neurotuberculosis patients with and without HIV infection.
 - : 6-8th October 2014, Texas, USA.
 - : ₹ 1,00,000/-
 - : ₹ 91,850/-

ference: The conference was well attended by scientists, researchers and
ies and began with four keynote lectures. The rest of the lectures on Day
various scientific tracks including general viral science, viral breakout:
es (6 talks), human viral diseases affecting Afro-Asian continents (3
retroviral diseases affecting Afro-Asian continents (11 talks) and organ
umour virology (6 talks). There were two keynote lectures on Day 2
racks on therapeutic approaches and targets for viral infections (11 talks)
viral immunology (6 talks). A parallel poster session with 25 scientific
ok place. The scientific tracks on Day 3 included neurological infections
s, agriculture and plant virology, recent advances in drug discovery (6
es (7 talks).

of the conference: The research topics presented covered different fields
lectures by eminent scientists John Edward Connolly (Institute of
r Biology, USA), Ralph A Tripp (University of Georgia, USA), Neal S
serve University, USA), Sita Awasthi (University of Pennsylvania, USA),
Master University, Canada) and Julia Hillard (Georgia State University,

Several studies on various aspects of HIV were presented. A lecture on cure for HIV using a novel CD4-based chimeric antigen receptor by Barna Dey (Laboratory of Viral Diseases NIAID/NIH, USA) was very exciting. A functional cure for HIV has been attempted using chimeric antigen-receptor modified T cells with extracellular moieties and the association between molecular binding affinity and target cell killing potency has been examined. They have found that cell killing is most effective when the effector/target affinity is sufficiently low to enable serial triggering. Another talk by Amanda M Brown (Johns Hopkins University, USA) on the role of inflammation in neuropathogenesis of HIV piqued my interest. The study has found that proinflammatory cytokine osteopontin is elevated in HIV-associated neurocognitive disorders (HAND) and enhances HIV replication.

Participant's contribution to the conference- 4th World Congress on Virology

I presented a scientific poster entitled "Differential expression of Pattern Recognition Receptors in neurotuberculosis patients with and without HIV infection" at the 4th World Congress on Virology held at San Antonio (Texas, United States) on Day 2 (7th October 2014) of the conference. The abstract of my work has been **published in the Journal of Antivirals and Antiretrovirals (October 2014, Volume 6, Issue 2, p 192)** (photocopy enclosed).

I received suggestions and feedback from numerous virologists. Dr. Gokul C. Das (Baylor College of Medicine, USA) had a number of questions regarding my poster. Dr. Amanda M Brown (Johns Hopkins University, USA) was particularly interested in my work and was keen that I publish these findings.

I wish to express my sincere thanks to the Indian Council of Medical Research, New Delhi, India for travel grant and assistance. It gave me a wonderful opportunity to present my work in this international platform and meet eminent virologists from across the world.