

- ❖ **Name & Designation** : Dr. LovkeshAnand, SR
- ❖ **Address** : Dept. of Hepatology, ILBS, VasantKunj, New Delhi-110070
- ❖ **Name of the International Conference/ Seminar/Symposium/ Workshop** : AASLD-Liver Meeting-2014
- ❖ **Title of the abstract accepted** : 1. Bone marrow predicts liver regenerative response to growth factors in decompensated cirrhosis.
2. Prevalence, natural history and outcome of overlap syndrome versus autoimmune hepatitis in The Indian Continent
- ❖ **Venue & Date** : Boston, USA, 6-11th November 2014.
- ❖ **Money sanctioned** : ₹ 1,00,000/-
- ❖ **Money reimbursed** : ₹ 1,00,000/-

Participation Report

Liver meeting 2014 that finished on 11th November 2014 at Boston, USA, established itself as the premier forum for the exchange of state-of-the-art basic, translational, and clinical research in hepatology. Attended by more than 9,500 hepatologists and hepatology health professionals from around the world, it helped in exchange of latest liver disease research, discuss treatment outcomes, and allowed interaction with colleagues at the annual must-attend event in the science and practice of hepatology. It helped improve clinical care goals, identify advances in the treatment of liver disease to advance and broaden research and to apply knowledge that will positively impact the outcomes of post-transplant patients.

As fellow students, it provided us with a forum for the exchange of groundbreaking basic, translational, and clinical research in diseases of the liver and biliary tract and in liver transplantation with students of other nations. Important and redefining-the-subject topics included Acute on chronic liver failure, drug induced liver injury, safety of immunosuppression withdrawal in liver transplantation, newer drugs in the management of hepatitis C, role of regenerative therapy in liver disease amongst many others.

Participant Contribution- ASSLD Liver Meeting 2014

I, Dr Lovkesh Anand, as a fellow student (Senior Resident-DM course in Department of Hepatology, ILBS hospital, New Delhi, India) was invited to present two papers at the prestigious ASSLD conference.

The first paper titled '**Prevalence, natural history and outcome of overlap syndrome versus autoimmune hepatitis in the Indian Continent**' as a poster presentation under the subject of Viral and Autoimmune Hepatitis on November 8, 2014. It was the only paper presented on the epidemiology and outcome of this important liver disease in the Indian sub continent. All the guidelines followed are those studied as in western literature, little knowledge being on the Indian population.

The other paper titled '**Bone marrow predicts liver regenerative response to growth factors in decompensated cirrhosis**' was presented as a poster under the subject of portal hypertension on November 11. This study highlighted the usefulness of studying bone marrow biopsy at baseline to predict the regenerative response to growth factors as it was seen in earlier studies that not every patient subjected to the therapy responded. This study might pave the way for regenerative therapy in treatment of decompensated cirrhosis in a big way.

Group of Indian scientists working in the subject area:

1. **Dr Shiv kumar Sarin: Director and Head, Institute of Liver and Biliary Sciences**
2. **Dr Chhagan Bihari: Assistant professor, Department of Pathology, Institute of Liver and Biliary Sciences, New Delhi**
3. **Dr Anupam Kumar: Assistant professor, Department of Research, Institute of Liver and Biliary Sciences, New Delhi**

Visit to other scientific institutes and universities

Had a short term observership to Virginia Commonwealth University, Richmond, Virginia, USA from 12th- 20th November 2014. Attended various work places like:

1. **Clinical trial research ward**
2. **Animal house and mouse model of liver diseases**
3. **Liver transplant team**
4. **Centre for molecular imaging**
5. **Exercise and stress physiology lab**