

❖ Name & Designation	: Dr. Amrut Shankarrao Salunke, Associate Professor.
❖ Address	: Dept. of ENT & Ophthalmology, Govt. Ayurved Medical College, Nagpur.
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: 5 th World Congress on Diabetes and Metabolism.
❖ Title of the abstract accepted	: An Ayurvedic polyherbal formulation (Mahagni Wati) in the management of non proliferative diabetic retinopathy (NPDR): A preliminary study.
❖ Date & Venue	: 3-5 th November 2014, Las Vegas, USA.
❖ Money sanctioned	: ₹ 1,00,000/-
❖ Money reimbursed	: ₹ 1,00,000/-

Participation Report – OMICS group of conference is a world leading informational organisation in the field of research knowledge which includes medicine, clinical, life sciences and Biology. This was the 236th world congress on Diabetes and Metabolism which was held in Las-Vegas, USA, on 03rd-05th, November 2014. Total no. Of participating countries world wide was 30, with 85 scientist presented their skill research knowledge including India, in the six session of total 9 track. My talk was schedule in track 3, i.e. Diabetes & its complications, on 4th november 2014 at 5.20pm to 5.40pm. Got high skill newer upcoming research knowledge which can be implimented in India with proper infratructure facilities and financial assistance.

Academic highlights of the Training/Workshops, including major recommendation and the following-

- a) New development presented at the Training/Workshops
- b) New development resulting from the Training/Workshops (200 words).
- c) Name of the publication in case your work is recommended for publication.
 1. World wide perfect platform for Researchers and Aacademicians to Accelerate scientific discovery universally.
 2. Major recommendation and emphasis on newer therapy like interdiciplinary approach with scientific validation includes dietary, physical therapy, and life style intervention
 3. Transplantation methods or metabolic models in the field of diabetes and metabolism.

The newer development as per my knowledge is that prevalence of Diabetes & Metabolism is increasing day by day in Asian region which is highest in India after China. Scientist focuses more on how to prevent the DM, instead of treating. Secondly what are the new remedies to cure the DM or controlled the blood sugar level. Most of the scientist emphasis on herbal base medicine approaches and doing their research work, because lot of synthetic drugs showing resistance, why should not try for natural source of medicines. India should take lead to develop natural Ayurvedic medicines in this regards with its prevention. The preventive aspect is only described by Ayurveda not by others sciences. Ayurveda highlights on first prevention and then* advised management accordingly. Our Ayurvedic polyherbal formulation in early NPDR would be definitely important contribution in preventing the micro vascular complications and also it has got additive effect on lowering the blood sugar level, lipid profile, maintaining the HbA1C values, provide renal and hepatic safety. This formulation needs to evaluate with reverse pharmacological study and animal experiments study, so that it would be more beneficial to human beings.

PARTICIPANTS CONTRIBUTION-

Most of this participants are came from USA,UK,CHINA,JAPAN, UAE etc. Their contribution mainly on herbal base products with animal study.

- 1) Ferula-Hermonis-root, anti-diabetic, diabetic neuro-protective, and anti-oxident. Its active compound is ferutonin.
- 2) Cx-43 helps to prevent vascular damage.
- 3) One hypothesis was presented on VEGF marker ie. Inflammatory and angiogenic markers will detect the different stages of type2 diabetes and predict development of micro vascular damage.
- 4) Biomarkers of inflammation and angiogenesis may detect the progressive vascular damage and may lead towards earlier intervention that would prevent systemic complications.