

ICMR International Travel Support for Non-ICMR Scientist

No. 3/2/TG-53(38)/HRD-2014

- ❖ Name & Designation : Dr. Amit Kumar, ICMR-Scientist B (Project)
- ❖ Address : Dept. of Neurology, AIIMS, New Delhi-110029.
- ❖ Name of the International Conference/ Seminar/Symposium/ Workshop : 9th World Stroke Congress-2014.
- ❖ Title of the abstract accepted : Association between Beta-1 adrenergic receptor gene polymorphism and ischemic stroke in North Indian Population. 2. Low socio-economic status is an independent risk factor for large vessel stroke: A case control study from North Indian population.
- ❖ Date & Venue : 22-25th October 2014, Istanbul, Turkey.
- ❖ Money sanctioned : ₹ 91,330/-
- ❖ Money reimbursed : ₹ 78,111/-

Participation Report

New Development resulting from the Training/Workshops: Several posters were presented in Genetics of stroke and Public awareness program for stroke to prevent and diminish the risk of stroke. Modern technologies are being used in the western countries for the stroke awareness in school children level. New information's were received from the conference and likely to be applied in our research program also as per requirement of our countries. A poster was presented on topic **Hip Hop Stroke 5th Grade child recognise stroke and call 911.** Hip Hop Stroke (HHS) is a behavioural intervention designed to increase stroke knowledge and 911 activation for suspected stroke. The 3-hour school-based intervention targets 4th–6th graders and their parents through homework assignments. Utilizing an implementation intentions strategy, HHS increases self-efficacy for calling 911 through role-play and multimedia tools. Children are also taught stroke subtypes, renamed “dry” for ischemic and “wet” for hemorrhagic strokes. We are also planed the study on stroke awareness and this study helped us to improve the study methodology. There was another poster presentation on topic **Teaching materials of stroke enlightenment using an animated cartoon and a manga for school-based intervention in the world.** This study tried to produce 2 types of teaching materials, one was an elementary school type (10–12 y.o.) and the other a junior high-school type (13–15 y.o.). Each type of materials involved an animated cartoon and a Manga by using the “FAST” message derived from the Cincinnati prehospital stroke scale. This study showed teaching materials of stroke knowledge for school-based interventions. This study is going to verify whether our teaching materials would be beneficial for the youth in the whole world. We also received the information to develop such type of awareness program in India to diminish the incidence of stroke.

Participant Contribution to the conference

Stroke has emerged as the second commonest cause of mortality worldwide. Identification of risk factors is important to prevent and diminish the risk of stroke.

I presented following two posters at the annual conference of 9th World Stroke Congress - 2014.

Topic : Association between beta -1 adrenergic receptor gene polymorphism and Ischemic stroke in North Indian Population: A case control study”

Details of presentation schedule are mentioned below

Location: Poster Area Kuleli
Time: Friday, 2014, 9:00 – 17:00 PM
Topic: POSTER SESSION GENETICS
Poster Number: 439
Date: 24 October, 2014

2. Topic: Low socioeconomic status is an independent risk factor for Ischemic stroke: a case control study in North Indian Population

Location: Poster Area Kuleli
Time: Friday, 2014, 9:00 – 17:00 PM
Topic: Public awareness/Advocacy
Poster Number: 473

During the poster session many scientists and clinicians visited to see posters and raised many queries and I replied to those queries. Some of scientists have suggested new avenue and direction for future research in this field. I participated in exchange of information in this field which impacted significantly to conduct the methodological sound study in this area of research.