

**SCIENCE ACADEMIES LECTURE WORKSHOP
ON
NEUROSCIENCES: BIOLOGY TO DISEASE MANAGEMENT**

Day 1 3rd Aug.2018			
Time		Speaker	Lecture
9.30 am-	Welcome Convener	President IWSA Dr. Vidita Vaidya, TIFR	About the Lecture Workshop
10.00 h-11.00h	Key note address	Dr. Sunil Pandya, Senior Consultant Jaslok Hospital, Mumbai	Neurosciences in India - a brief historical review.
11.00 h-11.15 h	Break		
BIOLOGY			
11.15 h to 12.15 h	Lecture 1	Dr. Shubha Tole, FIAS, FNASI, FINSAs, Professor, Dept. of Biological Sciences, TIFR, Mumbai;	Outside-in: how we perceive the world
12.00 h to 13.00 h	Lecture 2	Dr. Vidita Vaidya, FINSAs, Professor, Dept of Biological Sciences, TIFR, Mumbai;	Early experience and the programming of psychiatric vulnerability
LUNCH			
14.00 h -15.00h	Lecture 3	Dr. Aurnab Ghosh, Associate Professor, IISER Pune	Mechanics of wiring up the brain.
15.00 h to 16.00 h	Lecture 4	Dr. Sandhya Koushika, Associate Professor, Dept of Biological Sciences, TIFR, Mumbai	Traffic jams regulate cargo flow in healthy neurons
16.00h to 17.00 h	Lecture 5	Dr. Samir Maji, Associate Prof. Dept of Biosciences and Bioengineering, IITB, Mumbai	Protein mis-folding and aggregation associated with Parkinson's disease
Tea	Discussion		
Day 2: 4th Aug. 2018			
DISEASE MANAGEMENT			
10.00 h-11.00 h	Lecture 6	Dr. Pawan Ojha, Head Dept of Neurology, Fortis Hiranandani Hospital, Vashi, Navi Mumbai	Brain stroke and its management: Recent developments
11.00 h-12.00 h	Lecture 7	Dr. Bhaskar Saha, Asst. Prof., St. Xaviers College, Mumbai	Neural Stem Cells: It's Role in Regenerative Neurobiology
12.00-12.15h	Break		
12.15 h- 13.15 h	Lecture 8	Dr. Neelam Shirsat, Professor, Cancer Research Institute. Tata Memorial Centre, ACTREC, Navi Mumbai	Genomics bringing revolution in brain tumour diagnosis and treatment
13.15 h- 14.15h	Lunch		
14.15 h-15.15 h	Lecture 9	Dr. Jayant Sastri, Professor and Clinician Scientist, Radiation oncology Tata Memorial Centre, ACTREC, Navi Mumbai	Contemporary Imaging for brain tumours: Role in treatment planning
15.15 h- 16.15h	Lecture 10	Dr. Anuradha Sovani, Prof and Head Dept of Psychology, SNDT Womens' University, Mumbai	"Not like Us" (Severe and chronic mental illness and the wonder of behavioural interventions)
16.15 h- 17.00 h	Discussion Valedictory		
Tea			