



**18<sup>th</sup> December 2018, Tuesday**  
(Maulana Azad Medical College, New Delhi)

08:00-08:45	<b>Registration</b>	
09:00-09:30	<b>Opening ceremony</b>	
<b>Chaired by:</b>	<i>Dr JM Kaul, Dr S Wadhwa, Dr S Kaplan</i>	
	<b>Session 1</b>	
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
09:30-10:00	Introduction to Stereology and sampling strategies	<i>Suleyman Kaplan (Samsun, Turkey)</i>
10:00-10:30	Applications of Stereology in Biomedical Sciences	<i>Shashi Wadhwa (New Delhi, India)</i>
10:30-11:00	Design based Stereology	<i>Tony G Jacob (New Delhi, India)</i>
<b>11:00-11:15</b>	<b>Coffee Break</b>	
	<b>Session 2</b>	
<b>Chaired by:</b>	<i>Dr S B Ray, Dr Smita Kakar, Dr Mahmut Ulubay, Dr P Sakhuja,</i>	
11:15-11:35	Cell Imaging and its quantification by morphometric tools	<i>S B Ray (New Delhi, India)</i>
11:35-11:55	Substantia Nigra pars compacta of Asian Indians is partly protected against age-related degeneration	<i>Phalguni Anand (Benguluru, India)</i>
11:55-12:10	A stereological investigation of the effects of ellagic acid and silibin on dermal mast cells numerical density in rat skin exposed to ultraviolet A and B radiation	<i>Seda Keskin (Van Turkey)</i>
12:10-12:30	Effects of curcumin on the diabetic rat kidneys: A stereological study	<i>Mahmut Ulubay (Samsun, Turkey)</i>
12:30-12:40	Tissue Processing Techniques for Stereology	<i>Sabita Mishra (New Delhi, India)</i>
12:40-13:00	Some empirical clues for physical and optical disector counting and preferred sectioning-staining methods in neuroscience	<i>Kıymet K. Yurt (Samsun, Turkey)</i>
<b>13.00-14:00</b>	<b>Lunch</b>	
	<b>Session 3</b>	
<b>Chaired by:</b>	<i>Dr A Tuli, Dr S Raheja, Dr M Kohli, Dr Berin Z. Altunkaynak</i>	
14:00-14:15	Using of the Cavalieri principle in clinical studies	<i>Suleyman Kaplan (Samsun, Turkey)</i>
14:15-14:30	Structural and ultrastructural changes of vasectomy on the bulbourethral gland: A rabbit experimental study	<i>Awad, Khalid Amin (Khartum, Sudan)</i>
14:30-14:45	Long-term exposure to 900 MHz electromagnetic fields induces oxidative stress but does not change axon number and myelination in developing rat sciatic nerve	<i>Kıymet K. Yurt (Samsun, Turkey)</i>
14:45-15:00	Folic acid protects rat kidney from the 900 MHz electromagnetic fields exposure	<i>Omur G. Deniz (Samsun, Turkey)</i>
<b>15:00-15:15</b>	<b>Coffee Break</b>	
	<b>Session 4</b>	
<b>Chaired by:</b>	<i>Dr S Aggarwal, Dr R Chauhan, Dr Omur G. Deniz</i>	
15:15- 15:25	A stereological investigation of the curcumin effects on dermal vascular density in diethylnitrosamine-treated rats	<i>Murat Çetin Rağbetli (Van, Turkey)</i>
15:25-15:40	Working of Neurolucida	<i>Saroj Sharma (New Delhi, India)</i>
15:40-16:00	Discussion on Practical aspects	<i>Sulyman Kaplan &amp; Team</i>
<b>16:00 onwards</b>	<b>Video-Conferencing with MBF Neurosciences</b>	<b>MBF Team, USA</b>



**19<sup>th</sup> December 2018, Wednesday**  
(Maulana Azad Medical College, MAMC)

Time	Topic	Responsible Person
<b>Session 5</b>		
<b>Chaired by:</b>	<i>Dr N Vasudeva, Dr Sohinder, Dr R K Saran, Dr Mustafa Kemal Atilia</i>	
09:00-09:30	Stereological investigation of the developmental and age-related changes of the myelinated fibers in the human auditory nerve – A light and electron microscopic study	<i>T. S Roy (New Delhi, India)</i>
09:30-10:00	Three-dimensional Reconstruction of Neuron	<i>Soumya Iyengar (Manesar, India)</i>
10:00- 10:30	Effects of electromagnetic fields on the development of sciatic nerve	<i>Suleyman Kaplan (Samsun, Turkey)</i>
<b>10:30-10:45</b>	<b>Coffee break</b>	
<b>Session 6</b>		
<b>Chaired by:</b>	<i>Dr G Rath, Dr T S Roy, Dr Pushpa Dhar, Dr Mohamed A/Salam Nurein,</i>	
10:50- 11:10	Antigen localization in biological tissues: practical issue	<i>T C Nag (New Delhi, India)</i>
11:10-11:25	Possible neuroprotective effects of garcinia kola, thymoquinone and <i>Momordica charantia</i> on rat hippocampus exposed to 900 MHz electromagnetic fields for 2 hours a day during the prenatal period	<i>Omur G. Deniz (Samsun, Turkey)</i>
11:25-11:50	Potential effects of adipose tissue stem cells following sciatic nerve crush injury in rats: A stereological study	<i>Berin Z. Altunkaynak (Istanbul, Turkey)</i>
<b>11:50-12:00</b>	<b>Coffee break</b>	
12:00-12:10	Investigation of the effect of curcumin and blue berry on axonal regeneration after peripheral nerve injury	<i>Arife Ahsen Kaplan (İstanbul, Turkey)</i>
12:10-12:20	The effects of some herbals on the rat hippocampus exposed to electromagnetic fields for one hour during prenatal period	<i>Omur G Deniz (Samsun, Turkey)</i>
12:20-12:30	Caffeine prevents neuronal loss in rats exposed to electromagnetic field	<i>Süleyman Kaplan (Samsun, Turkey)</i>
12:30-12:40	Measurement of the diameter of collagen fibre and wound area in experimentally induced diabetic Sprague Dawley rats	<i>Srijit Das (Malaysia)</i>
12:40-12:50	How To Improve Patient Satisfaction?	<i>Mustafa Kemal Atilla (Samsun, Turkey)</i>
<b>12:50-14:00</b>	<b>Lunch</b>	
<b>Session 7</b>		
<b>Chaired by:</b>	<i>Dr Sabita Mishra, Dr Srijit Das, Dr TC Nag, Dr I Alkan</i>	
14:00-14:15	Volumetric analysis of brain parts on magnetic resonance imaging	<i>Isinsu Alkan (Samsun, Turkey)</i>
14:15-14:30	Application of stereology in liver volumetric by CT scans	<i>Nidal Abubaker (Umdurman, Sudan)</i>
14:30-14:45	Application of stereology in neuroimaging of autism, epilepsy and schizophrenia	<i>Mohamed A/Salam Nurein (Umdurman, Sudan)</i>
14:45-15:00	Evaluation of the relationship between multiple sclerosis and obesity with quantitative magnetic resonance imaging: A stereological study	<i>Berin Z. Altunkaynak (Istanbul, Turkey)</i>
<b>15:00-15:10</b>	<b>Coffee Break</b>	
15:10-15:30	Presentation by Wolter Kluver	Wolter Kluver Team
15:30-16:00	Feedback & Valedictory of Conference	
<b>Social Program</b>		



## **Hands on Training Stereology Workshop**

**20<sup>th</sup> December 2018, Thursday to be held at AIIMS**

(All India Institute of Medical Science (AIIMS), New Delhi)

<b>Chaired by:</b>		<b>Responsible Person</b>
10:40- 12:00	A practical method for the estimation of cell number: Physical and optical fractionator	<i>By</i> <b>AIIMS</b>
14:00-15:00	<b>PRACTICE:</b> Disector counting technique application	<i>By</i> <b>AIIMS</b>
15:15-16:15	<b>PRACTICE:</b> Fractionator application	<i>By</i> <b>AIIMS</b>
16:15-17:15	<b>PRACTICE:</b> Cavalieri application	<i>By</i> <b>AIIMS</b>
<b>17:20-17:45</b>	<b>Feedback and closing ceremony</b>	<b>All</b>