



IV Asian and African Stereology Congress



13th November 2023, Monday
(Nelson Mandela African Institution of Science and Technology)

	08:00-08:45	Registration	
	08:45-10:00	Opening ceremony	
	Chaired by:	<i>Dr. Tony George Jacob, Dr. Abdurrahman Aksoy, Dr. Ömür Gülsüm Deniz, Dr. Javad Sadeghinezhad, Dr. Mohamed A. Nurein,</i>	
		Session 1	
	Time	Topic	Speaker
101	10:00-10:30	A powerful tool: Neurostereology	<i>Süleyman Kaplan (Samsun, Turkey)</i>
102	10:30-11:00	Sampling strategies in design-based stereology	<i>Tony George Jacob (New Delhi, India)</i>
103	11:00-11:30	Epilepsy-mediated oxidative stress and apoptosis are decreased by the inhibition of TRPM2 channel	<i>Mustafa Naziroğlu (Isparta, Turkey)</i>
	11:30-11:45	Coffee Break	
		Session 2	
	Chaired by:	<i>Dr. Hüseyin Akan, Dr. Murat Çetin Rağbetli, Dr. Gamze Altun, Dr. Mustafa Ayyıldız</i>	
104	11:45-12:00	History of the stereology	<i>İlknur Keskin (İstanbul, Turkey)</i>
105	12:00-12:15	Assessment of nephrogenesis in human fetal kidney by stereology	<i>Pankaj Kumar Rathi (New Delhi, India)</i>
106	12:15-12:35	Potential of stereology for the mechanistic study of cognitive impairment in <i>Toxoplasma gondii</i> -infected rats: quantitative pathophysiological assessment of deleterious effects on neuronal populations	<i>Paul F. Seke Etet (Ngaoundere, Cameroun)</i>
107	12:35-12:50	Introduction to kidney stereology	<i>Sandip Shah (Dharān /Nepal)</i>
108	12:50-13:05	Stereological approach for three-dimensional morphometry of spinal cord	<i>Javad Sadeghinezhad (Tahran, Iran)</i>
	13.05-14:00	Lunch	
		Session 3	
	Chaired by:	<i>Dr. Abdurrahman Aksoy, Dr. John-Mary Vianney, Dr. Arife A. Kaplan, Dr. Sandip Shah, Dr. Sabita Mishra, Dr. Paul F. Seke Etet</i>	
109	14:00-14:15	How to write a successful manuscript	<i>Hüseyin Akan (Samsun, Turkey)</i>
110	14:15-14:30	The advantages and disadvantages of using animal models to study neurodegenerative diseases.	<i>Abdurrahman Aksoy (Samsun, Turkey)</i>
111	14:30-14:45	Effect of experimental diabetes mellitus model on the rat hippocampus	<i>Gamze Altun (Samsun, Turkey)</i>
112	14:45-15:00	Insomnia, pineal gland, and gam Arabic	<i>Mohamed A. Nurein (Khartoum, Sudan)</i>
	15:00-15:15	Coffee Break	
		Session 4	
	Chaired by:	<i>Dr. John-Mary Vianney, Dr. Tony George Jacob, Dr. Pankaj Kumar Rathi, Dr. Gamze Altun, Dr. Arife Ahsen Kaplan</i>	
113	15:15- 15:30	VE-cadherin in arachnoid and pia mater cells serves as a suitable landmark for in vivo imaging of CNS immune surveillance and inflammation	<i>Josephine Mapunda (Arusha, Tanzania)</i>
114	15:30-15:50	Brain waves, the potential biomarker for studying childhood atrophic encephalopathy	<i>Richard Sungura (Arusha, Tanzania)</i>
115	15:50-16:10	Prevalence and risk factors of age-related brain atrophy among adults in Tanzania	<i>Leticia Kalumbiro (Arusha, Tanzania)</i>
116	16:10-16:30	Cerebral demyelinating diseases	<i>Murat Terzi (Samsun, Turkey)</i>
	16:30-17:00	Feedback & Valedictory of Conference	<i>John-Mary Vianney & Süleyman Kaplan</i>



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14th November 2023, Tuesday

	Time	Topic	Responsible Person
		Session 5	
	Chaired by:	<i>Dr. Matthias Ochs, Dr. İlknur Keskin, Dr. Gamze Altun, Dr. Mohammed Issa, Dr. Berrin Z. Altunkaynak, Dr. Javad Sadeghinezhad</i>	
201	09:00-09:20	The fascinating journey of some natural products: From in-silico experiments to the community	<i>Daniel M. Shadrack, (Arusha, Tanzania)</i>
202	09:20-09:50	Stereology and lung	<i>Matthias Ochs (Berlin, Germany)</i>
203	09:50-10:10	Searching for neuroprotective agents from plants derived natural products: A case study of Parkinson's disease using Drosophila model	<i>Flora Stephano, (Dar es Salaam, Tanzania)</i>
204	10:10-10:30	Examining the regulation of neurotrophic factors expression in humans,	<i>John-Mary Vianney (Arusha, Tanzania)</i>
	10:30-10:45	Coffee break	
		Session 6	
	Chaired by:	<i>Dr. Murat Çetin Rağbetli, Dr. Abdalla A.E Elamin, Dr. Ömür Gülsüm Deniz, Dr. Kıymet K. Tüfekçi</i>	
205	10:45- 11:10	The effects of luteolin on the cerebellum in streptozotocin-induced diabetic rats: A histopathological study	<i>Ömür Gülsüm Deniz (Bolu, Turkey)</i>
206	11:10-11:30	A microscopic and stereological imaging dataset of some urogenital system organs	<i>Berrin Z. Altunkaynak (İstanbul, Turkey)</i>
207	11:30-11:50	Stereology in reproductive biology	<i>Kıymet K. Tüfekçi (Kastamonu, Turkey)</i>
	11:50-12:00	Coffee break	
208	12:00-12:15	Volumetric analysis of central nervous system parts using magnetic resonance imaging	<i>Işinsu Alkan (Nevşehir, Turkey)</i>
209	12:15-12:30	Stereological approaches in the quantitative analysis of the hypothalamic nuclei	<i>Gamze Altun (Samsun, Turkey)</i>
210	12:30-12:45	Potential effect of the curcumin on the rat hippocampal pyramidal neurons exposed to 900 MHz electromagnetic field	<i>Abdalla A.E Elamin (Ras Al-Khaimah, United Arab Emirates)</i>
211	12:45-13:00	Effects of the coenzyme Q10 on the peripheral nerve injury	<i>Ahmed Mead (Mogadishu, Somali)</i>
	13:00-14:00	Lunch	
		Session 7	
	Chaired by:	<i>Dr. Ömür Gülsüm Deniz, Dr. Kıymet K. Tüfekçi, Dr. Işinsu Alkan, Dr. Ahmed Mead, Dr. Abubaker El Haj</i>	
212	14:00-14:15	Fluoride exposure and Neurological development outcomes among communities in Northern Tanzania	<i>Revocatus Machunda (Arusha, Tanzania)</i>
213	14:15-14:30	Pesticide use and brain health effects in communities living in areas with agricultural activity in northern regions of Tanzania	<i>Raphael Mwezi (Arusha, Tanzania)</i>
214	14:30-14:45	Ultrastructure of <i>Ambystoma mexicanum</i> brain	<i>Arife Ahsen Kaplan (İstanbul, Turkey)</i>
215	14:45-15:00	The effect of ginger oil and sesame oil on rats peripheral nerve regeneration after sciatic nerve injury: Histological and stereological study	<i>Mohammed Issa (Khartoum, Sudan)</i>
	15:00-15:10	Coffee Break	
216	15:10-15:25	Stereological examination of the effect on the hippocampal dentate gyrus granule cells number of rats subjected to wireless internet during prenatal period	<i>Murat Ç. Rağbetli (Karaman, Turkey)</i>
217	15:25-15:40	From part to whole: Fractionator method	<i>Ömür G. Deniz (Bolu, Turkey)</i>
218	15:40-15:55	Investigation of benzimidazole and electrical stimulation effects on the peripheral nerve regeneration with different methods in rats	<i>Abubaker El Haj (Samsun, Turkey)</i>
219	15:55-16:10	Role of gum Arabic in protection of testicular tissue among rats subjected to sleep deprivation	<i>Amira Elhumaidi (Sana, Yemen)</i>
	16:10-16:20	Feedback & Valedictory of Conference	<i>John-Mary Vianney & Suleyman Kaplan</i>



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15th November 2023, Wednesday
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GROUP DISCUSSING ON THE RESEARCH PROJECTS

Chaired by:		Responsible Person
09:30- 12:00	Discussing of research subjects	<i>By</i> NM-AIST
12:00- 14:00	Break	
14:00-16:30	Discussing of research subjects	<i>By</i> NM-AIST
16:30-17:15	Feedback and closing ceremony	All