

12th International Conference of the African Materials Research Society (AMRS)

Monday, 16 December 2024

HEALTH: PARALLEL (11:10 - 13:00)

time	[id] title	presenter
11:10	[284] Shaping nanomaterials via surface chemistry for biosensing and nanomedicine	BOUJDAY, Souhir
11:30	[281] Colloidal materials for concurrent medical imaging and cancer therapy	Prof. MATSUURA, Naomi
11:50	[335] Biosensors Without Frontiers: A Regenerable Supply Chain For Nucleic Acid Testing In Low Resource Countries	Prof. HALL, Lisa
12:10	[265] Biosynthesised nano-platforms for biomedical applications: Leveraging translational research for healthcare disparities in Africa	CHIFAMBA, Joey
12:30	[48] Benign synthesis of mixed-ligand heteroleptic Ru(II) imidazole tethered thiourea and dithiocarbamate complexes: Photophysical, and electrochemical characterization	ADELOYE, Adewale
12:45	[78] Production and Characterization of Organic Soaps from Croton Megalobotrys and Ricinus Communis seed oils Indigenous to Botswana with High Levels of Antimicrobial and Antioxidant Activity	PAPHANE, Banyaladzi Doctor

HEALTH: PARALLEL (14:00 - 16:00)

time	[id] title	presenter
14:00	[66] Mechanobiology of Living Interfacial Materials	NIEPA, Tagbo
14:20	[112] Amyloid-metal Supramolecular Hybrids for Health and Environmental Remediation Technologies	MEZZENGA, Raffaele
14:40	[385] Selective Tweezing and Immobilization of Colloids for Dextrous Manipulation of Biological and 2D Materials	TOUSSAINT, Kimani
15:00	[175] Effect of Fe-content on the phase stability and mechanical properties of β -type Ti-15Mo alloy for biomedical applications	Prof. CHAUKE, Hasani
15:15	[436] Biosynthesis of Vernonia amygdalina mediated Silver doped Zn Oxide nanoparticles and affectivity against multidrug resistant bacteria	ZENGENI, Shingirayi
15:30	[143] Data Driven Discovery of the Origins of UV-Absorption in Alpha-3C Protein	NEZA HOZANA, Germaine
15:45	[463] HYPOGLYCEMIC ACTIVITY OF METHANOL EXTRACTS of Buchholzia coriacea and Garcinia kola SEEDS IN ALLOXAN INDUCED DIABETIC RATS.	Dr ABUBAKAR, Asmau Niwoye

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HEALTH: HEALTH (14:00 - 15:55)

time	[id] title	presenter
14:00	[178] Optical tools for characterizing dynamic cell interactions with nanomaterials	Prof. WEISS, Lucien
14:20	[370] Expanding the Target Toolkit for Wearable and Implantable Sensors	ANDREWS, Anne
14:40	[500] Biological Fate of hybrid Nanocarriers for drug delivery: Biodistribution, Degradation and Interactions of Nanomaterials in biological Environments	MOYA, sergio
15:00	[363] Developing low-cost titanium alloys or lightweight stainless steel as affordable bio-implant materials: Implications for Africa and Africans	BODUNRIN, Michael
15:20	[240] Logic-Gated DNA Nanodevices for Spatio-temporally Resolved Molecular Imaging in Living Cells	MUYIZERE, Theoneste
15:35	[216] Amphiphilic Polymeric Drug Nanocarriers: From Micellization to More Controlled Self-Assembly Strategies	SOSNIK, Alejandro

HEALTH: HEALTH (16:20 - 17:20)

time	[id] title	presenter
16:20	[62] Synthesis and Antibacterial Investigations of Ag/Ag ₂ S/gC ₃ N ₄ Heterostructure Nanocomposites	Dr AJIBOYE, Timothy O.
16:35	[139] Implantable hydrogel constructs loaded with insulin secreting pancreatic islets for type I diabetes	CHUMMUN PHUL, Itisha
16:50	[395] ANTITRYPANOSOMAL AND CYSTEINE PROTEASE INHIBITORY ACTIVITIES OF Abrus precatorious	Prof. YUSUF KABIRU, Adamu Prof. OLUFO OGBADOYI, Emmanuel Prof. MANN, Abdullahi Dr MOHAMMAD MADAKI, Fatima
17:05	[493] Antihyperglycaemic Activity of Crude Extract and Partitioned Fractions of Piliostigma thonningii Leaves on Streptozotocin-induced Diabetic Mice	UMAR, Maimuna