



Jupiter Hotel, Addis Ababa
Sunday 30th November

18:30	Registration
19:00	Welcome Dinner

United Nations Conference Centre
Monday 1st December

08.30	Registration	
09:00	Opening session and welcome	
Biodiversity and Healthcare		
10.10	Fantastic nanofibre colours for analytical diagnosis in health Nelson Torto*, S. Chigome, M. Mohale, B. Mudabuka, D. Ondigo, B. Pule, B. Pletschke, Z. Tshentu <i>Rhodes University, South Africa</i>	Chair: Nigist Asfaw, <i>University of Addis Ababa</i>
10.40	Harnessing the potentials of fungi endophytes from Africa medicinal plants as sustainable sources of novel bioactive molecules Festus Okoye <i>Nnamdi Azikiwe University, Nigeria</i>	
11.00	Isolation of phloroglucinol derivatives and a sterol from a brown alga <i>Ecklonia maxima</i>, potential candidates for the effective treatment of cancer cells Henry Mwangi <i>University of the Western Cape, South Africa</i>	
11.20	Coffee break	
11.50	Africa 2020: GSK's strategy for driving capability, enabling growth and enhancing quality of life Peter Blenkiron <i>GSK, UK</i>	
12.20	High-performance counter-current chromatographic (HPCCC) based large scale isolation procedure for cathine and norpehdrine from khat (<i>Catha edulis</i> Forsk) leaves Minaleshewa Atlabachew Gebretsadik <i>Tshwane University of Technology, South Africa</i>	
12.40	Flash presentations Discovery of potent antidiabetic agents from the Mauritian floral biodiversity M. Fawzi Mahomoodally <i>University of Mauritius, Mauritius</i>	

	<p>Anti-Vancomycin-resistant <i>Enterococcus faecium</i> and <i>E. faecalis</i> activities of polyphenolic triterpenoids from <i>Thespesia garckaena</i> Veronica M. Masila <i>University of Nairobi, Kenya</i></p> <p>Phytoremediation potentials of <i>Dieffenbachia bownanii</i> and <i>Eleusine indica</i> for cadmium, lead and cobalt Anarado, C.J.O <i>Nnamdi Azikiwe University, Nigeria</i></p>	
13.00	Lunch	
	Biodiversity and Water	
14.00	<p>Water quality monitoring and management in North Central Nigeria: The journey so far Yilkur Lohdip <i>University of Jos, Nigeria</i></p>	Chair: Shem Wandiga, <i>University of Nairobi</i>
14.30	<p>Synthesis and application of gold and silver nanoparticles as metal-ion contaminant removal media in groundwater samples Francis Nsiah <i>University of Cape Coast, Ghana</i></p>	
14.50	<p>Synthesis and application of bio-surfactants for the treatment of water contaminated with insecticides and hydrocarbons Om Prakash Yadav <i>CCS Haryana Agricultural University, India</i></p>	
15.10	Coffee break	
15.40	<p>Nanoporous filter membrane from rice husk silica and clay composite for point-of-use water purification in Nigeria homes Enock Dare <i>Federal University Lafia, Nigeria</i></p>	Chair: Yilkur Lohdip, <i>University of Jos</i>
16.00	<p>Flash presentations</p> <p>Inclusion of waterbirds-fisheries interactions in conservation policy - case of Sakumo II Lagoon, Ghana Angela M. Lamptey <i>University of Ghana, Ghana</i></p> <p>Waste dumps, water pollution and its impact on biodiversity Prof. Joseph N. Egila <i>University of Jos, Nigeria</i></p> <p>Removal of Pb²⁺ from wastewaters using <i>Diceriocaryum Eriocarpum</i> plant Joshua N. Edokpayi <i>University of Venda, South Africa</i></p>	
16.20	Closing comments	
16.40	Poster session and reception	
19:00	Dinner	

Tuesday 2nd Dec

09.30	Welcome	
	Biodiversity and Food	
09.40	<p>Speciation, persistence and bioavailability of organic pesticides in the aquatic environment: characterization and definition in terms of a steady state kinetic model that takes into account microbial degradation and adsorption by colloidal and sediment particles</p> <p>Mark Fungayi Zaranyika* and Pamhidzai Dzomba <i>University of Zimbabwe, Zimbabwe</i></p>	<p>Session Chair: Jacob Midiwo, <i>University of Nairobi</i></p>
10.10	<p>Potential of indigenous fruit trees for enhancing household food and nutritional security</p> <p>Francis Omujaal <i>Makerere University, Uganda</i></p>	
10.30	Coffee break	
10.50	<p>Insects as a source of diversifying food for nutritional security in Africa</p> <p>Baldwyn Torto <i>International Centre of Insect Physiology and Ecology (icipe), Kenya</i></p>	
11.20	<p>Orchids of Makete district the southern highlands of Tanzania: diversity, edibility, conservation and implications</p> <p>Lourance Mapunda <i>National Plant Genetic Resources Center. Tanzania</i></p>	
11.50	<p>The potential of <i>Parinari curatellifolia</i> fruit as raw material for food products</p> <p>Chakare Benhura <i>University of Zimbabwe, Zimbabwe</i></p>	
12.10	<p>Flash presentations</p> <p>Declining commercial fish catches in Lake Victoria's Winam Gulf: The importance of restructuring Kenya's aquaculture programme</p> <p>Solomon Omwoma <i>Beijing University of Chemical Technology, Beijing, China</i></p> <p>New anthocyanin with potential beneficial nutraceutical and colorant properties isolated from <i>Cyphostemma adenocaula</i> (Vitaceae)</p> <p>Christopher Adaku <i>Makerere University, Uganda</i></p> <p>Effect of Zimbabwean herbal tea extracts on cardiac cycle</p> <p>Michael Bhebhe <i>University of Zimbabwe, Zimbabwe</i></p>	
12.30	Lunch	
	Biodiversity and Energy	
13.30	<p>Progress and challenges facing the production of biofuels around the world. How could the global community work together?</p> <p>Telma Franco <i>Interdisciplinary Center for Energy Planning (NIPE), Brazil</i></p>	<p>Session Chair: Yonas Chebude, <i>University of Addis Ababa</i></p>
14.00	<p>Biofuel impacts on ecosystem services, biodiversity and human well-being – the contribution of modelling to integrated land use</p>	

	governance Lorenzo Di Lucia <i>Imperial College London, UK</i>	
14.20	Microwave-assisted ionic liquid extraction of n-alkanes and isoprenoid hydrocarbons from petroleum source rock Akinsehinwa Akinlua <i>Obafemi Awolowo University, Nigeria</i>	
14.40	Coffee break	
15.10	Biofuels supply chains Pat Harvey <i>University of Greenwich, UK</i>	
15.40	Benign methods in the synthesis of Metal - Organic Frameworks (MOFs) Megash Getachew <i>University of Addis Ababa, Ethiopia</i>	
16.00	Flash presentations Fabrication and characterization of dye sensitized solar cell (DSSC) from <i>Alstonia boonei</i> leaves U.E. Ekpunobi <i>Nnamdi Azikiwe University, Nigeria</i> Porous 3D carbons based on graphene foam-PVA/phenol-formaldehyde resin composite as electrode material for supercapacitors Bello Abdulhakeem <i>SARChI Chair in Carbon Technology and Materials, University of Pretoria, South Africa</i> <i>Calondendrun Capense</i> and <i>Croton Megalocarpus</i> Perennial Oil Seed Plants: Linking Bioenergy and Biodiversity Agatha W. Wagutu <i>Jomo Kenyatta University of Agriculture and Technology, Kenya</i>	
16.20	Closing summary and next steps	
16.50	Announcement of poster awards	
17.00	Meeting close	