



Tuesday 5th November 2019

12:00	Registration and Lunch
13:00	Opening Ceremony - Chair: Yonas Chebude , PACN Chair, Addis Ababa, Ethiopia - Peter Blenkiron , PACN Board Member, R&D VP, Bayer Consumer HealthCare, France
13:30	Conference photograph for all delegates
	Session 1: Natural Products Chair: Peter Blenkiron, Bayer Consumer Healthcare, France
14:00	Chemical and biological aspects of amazing dozen natural products from Ethiopia Ermias Dagne Addis Ababa University, Ethiopia
14:30	Cytotoxic Diterpenoids from Croton haumanianus (Euphorbiaceae) J. Léonard Mohammed Isyaka Natural Products Research Group, Faculty of Engineering, Nigeria
14:50	Cytotoxic flavonoids from two Lonchocarpus species Fozia Ali Adem University of Nairobi, Kenya
15:10	Afternoon refreshment break
15:40	The Kenyan higher plant diversity- a source of anti-parasitic compounds for neglected tropical diseases Jacob Midiwo University of Nairobi, Kenya
16:10	An <i>in silico</i> assessment of the hERG channel blocking profile of alkaloids from Voacanga Africana Babiaka Smith Borakaeyabe University of Buea, Cameroon
16:30	Antibacterial secondary metabolites from an endophytic fungus, Fusarium solani JK10 James Oppong-Kyekyeku Kwame Nkrumah University of Science and Technology, Ghana
16:40	Podophyllotoxin type anticancer compounds from Commiphora Mesfin Tadesse Addis Ababa University, Ethiopia
16:50	Anitprotozoal agents from <i>piliostigma thonningii</i>, medicinal plant grown in Nigeria Michael Afolayan University of Lagos, Nigeria
17:00	Panel Discussion- all speakers from this session
17:30	End of session



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	Session 1 continued: Natural products Chair: Jacob Midiwo, University of Nairobi, Kenya
9:00	Red hot compounds from the red hot poker plant, Kniphofia, and related taxa Abiy Yenesew <i>University of Nairobi, Kenya</i>
9:30	Cytotoxicity of plumbagin, rapanone and 12 other naturally occurring quinones from Kenyan Flora towards human carcinoma cells Leonidah Omosa <i>University of Nairobi, Kenya</i>
9:50	Natural products research as spring board for effective herbal remedies: Gedunin chemistry and anticancer Edion® as models Joseph Okogun <i>University of Ibadan, Nigeria</i>
10:10	Morning refreshments
10:40	Computational chemistry to complement experimental research of natural products Ponnadurai Ramasami <i>University of Mauritius, Mauritius</i>
11:10	Anti-vancomycin-resistant enterococcus faecium and E. faecalis activities of (-)-gossypol and derivatives from Thespesia garckeana Veronica Masila <i>University of Nairobi, Kenya</i>
11:20	Effects of combining cancer drugs with compounds isolated from Combretaceae species on the viability of human leukemic cells Simbarashe Sithole <i>University of Zimbabwe, Zimbabwe</i>
11:30	Search for inhibitors and modulators of epigenetic targets for the treatment of Schistosoma mansoni from a collection of african natural products Conrad Veranso Simoben <i>Martin Luther University, Germany & University of Buea, Cameroon</i>
11:40	Panel Discussion- all speakers from this session
12:15	Lunch and poster session
	Session 2: Biomaterials and raw materials Chair: Peter Blenkiron, Bayer Consumer Healthcare, France
14:00	Sustainable use of Africa's natural products and materials Yonas Chebude <i>Addis Ababa University, Ethiopia</i>
14:30	Defluoridation and removal of pathogens from groundwater by a hybrid biopolymeric nanocomposite: a green technology concept Wasiu Babatunde Ayinde <i>University of Venda, South Africa</i>
14:50	Nigerian calcined clay-based geopolymers: early, current and future Mary Ogundiran <i>University of Ibadan, Nigeria</i>



15:10	Afternoon refreshments
15:40	Structural and mechanical characterizations of biopolymers and rubber nano composites reinforced with agriculture waste Elsayed Abdel Bary <i>Mansoura University, Egypt</i>
16:00	Synthesis, characterization of Carboxymethyl starch from Acha (<i>Digitaria exilis</i>) and its application in detergent industry Akuzuo Ofoefule <i>University of Nigeria, Nigeria</i>
16:20	The potentials of Chitosan Magnetic Nanoparticles (MNPs) as new sustainable biomaterial drug delivery system Sheriff Adewuyi <i>Federal University of Agric Abeokuta Nigeria, Nigeria</i>
16:30	Landfill composites as a new precursor for activated carbon: characterization and adsorption capacity Abdulganiyu Adelopo <i>University of Lagos, Nigeria</i>
16:40	Panel Discussion - all speakers from this session
17:10	Close of sessions
18:00	Conference Dinner



Thursday 7th November 2019

	Session 3: Climate change and water resources Chair: Yonas Chebude, Addis Ababa University, Ethiopia
9:00	The Water-Energy-Food nexus as a lens to guide sustainable use of Africa's natural products and materials under current and future climate Graham Jewitt <i>IHE Delft Institute for Water Education, Netherlands</i>
9:30	Natural rubber impregnated membranes for photocatalytic degradation of textile effluent Samson Oluwagbemiga Alayande <i>First Technical University, Nigeria</i>
9:50	Sustainable superoleophilic/superhydrophobic sorbent for water purification in oil - contaminated niger delta region Enock Dare <i>Federal University of Agriculture, Nigeria</i>
10:10	Water: a forever critical resource for life Shem Wandiga <i>University of Nairobi, Kenya</i>
10:40	Morning refreshments
11:10	Titanium oxide doped nano zero valent Iron for sustainable low cost wastewater treatment Kassim Badmus <i>University of The Western Cape, South Africa</i>
11:30	Emerging contaminants in Nigerian water resources: levels of Bisphenol-A in rivers, well waters and sediments Gideon Idowu <i>Federal University of Technology Akure, Nigeria</i>
11:40	Prevalence of multidrug-resistant Escherichia Coli pathotypes in surface waters of southwestern Nigeria: climate change, health and water resources nexus Osuolale Yinka Titilawo <i>Federal University, Nigeria</i>
11:50	A combined anaerobic digestion and Ozonation treatment for Vinasse Benton Otieno <i>Vaal University of Technology, South Africa</i>
12:00	Counting the cost of climate induced disasters: the case of Ethiopia Abiy Zegeye <i>University of Addis Ababa, Ethiopia</i>
12:30	Panel Discussion- all speakers from this session
13:00	Closing Ceremony Yonas Chebude , PACN Chair, Addis Ababa Ethiopia Peter Blenkiron , PACN Board Member, R&D VP, Bayer Consumer HealthCare, France
13:30	LUNCH

This programme is subject to change.