

ASRIC 3RD CONGRESS SCIENTIFIC SESSION
HASSAN II ACADEMY OF SCIENCES AND TECHNOLOGY, MOROCCO
THURSDAY 18TH AND FRIDAY 19TH FEBRUARY, 2021
(Virtual Meeting)

DRAFT WORK PROGRAMME

DAY 1: *Thursday 18th February, 2021*

08h30-09h00: Registration of participants

Opening Session

09h00-09h30: Welcome Speeches

Welcome Speeches by Permanent Secretary of the Hassan-II Academy of Science and Technology	Prof. Omar Fassi-Fehri	(6Min)
Welcome remarks Chair of ASRIC	Prof. Ratemo W. Michieka	(6Min)
Opening Remarks AUC Commissioner for HRST	H.E. Prof. Sarah Anyang Agbor	(6 Min)
Goodwill message by the Minister of National Education, Vocational Training, Higher Education and Scientific Research,	H.E. Prof. Saaid Amzazi	(6Min)
Goodwill message by the Chair of AU STC-EST Minister for Science, Technology and Innovation; Uganda	H.E. Tumwesigye Elioda	(6 Min)

Session 1: Introduction to ASRIC 09h30- 10h15

Moderator: Prof. Ratemo W. Michieka

09h30-09h45: Introduction to the ASRIC Movement to combat COVID-19 and call for participatory actions/ **Ahmed Hamdy**, AU-STRC/ASRIC Executive Director

09h45-09h55: Discussion

09h55-10h05: Information/Updates on ASRIC Journals/ **Driss Ouazar**, ASRIC Communication Committee Chair

10h05-10h15: Discussion

10h15-10h45: Health Break

Session 1: Health system governance, infrastructure and resources

Moderators: Prof. Ali Benomar + Prof. Sellama NADIFI

Rapporteur: to be designated by ASRIC

10h45-11h05: Keynote: The COVID-19 Pandemic: The Current Situation in Africa, Facts and Prospects / **Albert Sasson**, Hassan II Academy of Sciences and Technology, **Morocco**

11h05-11h15: Discussion

11h15-11h25: COVID-19 in Africa: Rethinking the Tools to Manage Future Pandemics / **Ismaila Emahi**, **Ghana**

11h25-11h35: Mandatory Institutional Quarantine in the Response to COVID-19 in Uganda: Field Notes from Frontline Health Workers / **Brenda Nakazibwe**, **Uganda**

11h35- 11h45: The initial 100-day COVID-19 landscape in Kenya: trends, mitigations and impacts / **Kennedy O. Ouma**, **Kenya**

11h45-11h55: The Moroccan research consortium on COVID-19: an ambitious project initiated by the Hassan II Academy of Sciences and **Technology/ Elmostafa El Fahim**, **Morocco**

11h55- 12h15: Discussion:

12h15-14h15: Health Break

CONT. Session 1: Health system governance, infrastructure and resources

Moderators: Prof. Raja El Aouad + Prof. Abdelkarim Filali-Maltouf

Rapporteur: Dr. Meryem Khyati

14h15-14h25: Assessment of compliance of hand sanitizer production in Zimbabwe to legal metrology quality assurance parameters / **Mashoko D**, **Zimbabwe**

14h25-14h35: Vitamin D and COVID-19 infection state of the evidence / **Barakat Amina**, **Morocco**

14h35-14h45: Study of clinical and biological characteristics of Moroccan COVID-19 patients with and without olfactory and/or gustatory dysfunction / **Hasna Benkirane**, **Morocco**

14h45-15h00: Health Break

Session 2: Scientific technical research and innovation

Moderators: Prof. Aziz Sefiani + (ASRIC)

Rapporteur : (ASRIC)

15h-15h20: Keynote: Covid modelling strategies (comparable to the ASRIC one) / **Oulhote Youssef**, **Morocco**

15h20-15h40: Discussion

15h40-15h50: Frugal Chemoprophylaxis against COVID-19: Possible preventive benefits for the populace **John Oluwafemi Teibo**, **Nigeria**

15h50-16h00: Exploring Surface Glycoprotein to Design Multi-Epitope Vaccine against COVID-19 / **Elijah Kolawole Oladipo, Nigeria**

16h00-16h20: *Discussion*

END of DAY 1

DAY 2: *Friday 19th February 2021*

08h30-09h00: *Registration of participants*

CONT. Session 2: Scientific technical research and innovation

Moderator: Prof. Claude Griscelli + Other (to be designated by ASRIC)

Rapporteur: ASRIC

09h00-09h10: Whole Genome and Phylogenetic Analysis over time of the SARS-CoV-2 Strains Circulating in Morocco for Informed Public Health Decision-Making in Morocco / **Elmostafa El Fahim, Morocco**

09h10-09h20: Lipophilic Efficiency as an Important Metric in the Design of SARS coronavirus 3C-like proteinase (3CL-pro) Inhibitors: Guidepost towards Lead Selection and Optimization in the Treatment of COVID-19 / **George Oche Ambrose, Nigeria**

09h20-09h30: Artificial intelligence CNN-WCA model and Weiner filtered FRFCM image segmentation technique for extraction and classification COVID-19 Virus / **Satyasis Mishra, Ethiopia**

09h30-09h40: The Role of Smart Technology in managing Infectious Diseases in the Developing World. The Case of COVID-19 Pandemic in Kigali City - Rwanda. Infectious Diseases and Pandemic Threats – What Agenda for Africa? / **Ir. David MIHIGO, Tanzania**

09h40-09h50: Development and design of new peptide inhibitors of S / **Samah Nassir, Morocco**

09h50-10h00: Harnessing Phytopharmaceutical Preparations Available in Africa as Promising Solutions for Pandemics Management / **Edward Oyekanmi, Nigeria**

10h00-10h20: *Discussion*

Session 3: Impact and Socio-economic dimension of a pandemic

Moderator: Prof. Taouil Redouane + Other (to be designated by ASRIC)

Rapporteur: to be designated by ASRIC

10h20-10h40: Keynote: Impact socioéconomique du COVID-19 en Afrique

10h40-10h50: Infectious Diseases and Pandemic Threats in Africa: Analysis of Multi-dimensional Heterodox Responses for Sustainable Solution / **Magnus C. Onuoha, Nigeria**

10h50-11h00: The intersection of COVID-19, poverty and food insecurity: A challenge to the health and well-being of urban households in Zimbabwe / **Dube Ernest, Zimbabwe**

11h00-11h10: The effect of social networks on the preventive and/or self-medication behaviors of Tunisians during COVID-19 / **Foued Maaoui, Tunisia**

11h10-11h30: Discussion

11h30-13h00: Health Break

13h00-13h10: An Evaluation of the Nigeria's Economic Adjustment Policies During and After the COVID-19 Pandemic: Some Lessons for Africa / **Haruna Mohammed Aliero, Nigeria**

13h10-13h20: Debate on Disaster Response Feasibility: Poverty and Inequality as Sources of Community Fragility during COVID 19 Lockdown in Zimbabwe / **Kwashirai Zvokuomba, Zimbabwe**

13h20-13h30: COVID-19 outbreak and the Nigerian economy: impact, response, and recovery strategies / **UKEJE, Chukwudike Chukwunye, Nigeria**

13h30-13h40: The Impact of COVID-19 on Household Welfare in Africa: New Data and Evidence, Nigeria / **Abiodun Egbetokun, Nigeria**

13h40-13h50: Discussion

13h50-14h20: Conclusions and closure of the Congress

End of ASRIC 3rd Congress Scientific Session