

Day 1

Thursday 19th December 2024

8h-9h. Registration

9h-9h30 – Official opening ceremony and welcome remarks

Local: Conference Amphitheater - FSTM

Pr Houssine Azeddoug - President of the University Hassan II of Casablanca (UH2C)

Pr Mohamed Adnaoui -President of the Mohammed VI University of Sciences and Health of Casablanca

Pr Latifa Mouhir - Dean of Faculty of Sciences and Techniques Mohammedia (FSTM)

Pr Jamila El ALAMI, Director of the National Center for Scientific and Technical Research of Rabat

Pr Amal Safi, Head of biology department, FSTM-UH2C

Pr Moulay Mustapha Ennaji – President of organizing committee

9h30-10h30 - Top management's Round Table theme: «Governance and management of scientific research, innovation and business incubator as a lever for social-economic development in Morocco »

Chairmen: Pr. Lkhider Mustapha, Pr. Benjouad Abdelaziz, Pr. Saile Rachid

Reporters: Pr. Benchekroun Mohammed Nabil, Pr Hilali Abderaouf, Pr. Zyad Abdelmajid

Local: Conference Amphitheater – FSTM

Activity Leaders:

- *Pr Adnaoui Mohamed -President of the Mohammed VI University of Sciences and Health of Casablanca*
- *Pr Lkhider Mustapha- Vice President Of University Hassan II of Casablanca*
- *Pr Benjouad AbdelAziz- Vice president of International University of Rabat*
- *Pr Hilali Abderaouf- Vice President Of University Hassan I- Settati*
- *Pr Zyad Abdelmajid - Vice President Of Sultan Moulay Ismail- Beni Mellal*
- *Pr Saile Rachid – Dean Of Faculty Of Sciences Ben M'Sick- Casablanca*
- *Pr Al Turk Jumana - Dean Of International University Of Casablanca*
- *Pr Kettani Anas- Director of Insertion pole Entrepreneurship UH2C-Casablanca*
- *Pr Benchekroun Mohammed Nabil- Al Akhawayn University-Ifrane*

10h30-10h50 : Editor's Note

Dr. Michael Brett-Crowther - Editor of International Journal of Environmental Studies (Taylor & Francis)

10h50-11h10 Coffee break

11h10 -11h30 - Keynote conference:

Chairmen: Pr. Ennaji Moulay Mustapha, Pr. Hafid Jamal Eddine

Reporters: Pr. Amghar Souad, Pr. Zoa-Assoumou Samira, Dr. Anouar Tadlaoui Kaoutar

Local: Conference Amphitheater - FSTM

“Virus's implication in cancer, chronic diseases and socio-economic impacts”

Pr. Moulay Mustapha Ennaji, LVOBEEN, FSTM-UH2C, Morocco.

Session 1 : HPV & CANCER

Chairmen: Pr. Hafid Jamal Eddine, Pr. Laraoui Abdelilah, Pr. Abdessamad Amine

Reporters: Dr. Anouar Tadlaoui Kaoutar , Dr. Lamsisi Maryame, Dr. Rahma Ait Hammou

Local: Conference Amphitheater - FSTM.

11h30-11h50 CT1 : « Dépistage et typage des HPV : vers une implémentation du diagnostic moléculaire dans la prise en charge du cancer du col de l'utérus au Maroc »

Dr. Mzibri Mohammed, CNESTEN- Rabat, Morocco.

11h50-12h10 CT2: « Co-Prevalence of HPV & other viruses in Invasive Breast Cancer: A Multi-Viral Perspective »

Dr. Kaoutar Anouar Tadlaoui, LVOBEEN, FSTM-UH2C, Morocco.

12h10-12h20 CT3: «Study of Knowledge, Attitudes, Acceptability and Preference of home based HPV self-sampling among a population of Moroccan women»

Baddou Rachida - Higher Institute of Health Sciences-University Hassan I, Laboratory of Research in Health Sciences and Technologies, Morocco.

12h20-12h40 CT4: «Diagnostic HPV au point de service: Accélérer la précision avec les nouvelles technologies »

Dr. Lamsisi Maryame- Institut Pasteur du Maroc et LVOBEEN, FSTM-UH2C, Morocco.

12h40-13h00 CT5: «DNA methylation: protective factor or risk factor in breast cancer samples»

Dr. Imane Saïf, LVOBEEN, FSTM-UH2C, Morocco.

13h00-13h20 CT6: « HPV signature in prostate cancer among Moroccan Men »

Dr. Youssef ENNAJI, LVOBEEN, FSTM-UH2C, Morocco.

13h20-13h30 CT7: « In-Depth Analysis of the Genetic Diversity of Human Papillomaviruses and Its Implications in Cervical Cancer »

BENCHEIKH Sanae- Mohammed V University-Rabat, Morocco

13h30-13h50 CT8: «Detection of Human Papilloma Virus in Prostate Cancer: Correlation with VEGF-A Gene Mutations and Their Impact on Tumor Progression »

Khaoula Elghazali, LVOBEEN,FSTM-UH2C, Morocco.

13h50-14h20 Questions and discussion

14h20- 15h30 Lunch break

Session 2 : Quality (Parallel Session)

Chairmen: Pr Bouclouz Aziz , Pr Kettani Anas, Pr Barakat Mustapha

Reporters: Dr. Filali-Ansari Najouie, Pr. Ihsan Ali Mahasneh, Dr. Kawtar Abulalaa

Local: Seminar Room, Research Unit (R1L7) - FSTM

15h30-15h50 CT 9: «La biotechnologie et le management de la qualité : une alliance stratégique pour l'innovation durable et optimisée»

Pr. Filali-Ansari Najouie , Faculty of Sciences El Jadida, Chouaib Doukkali University, Morocco

15h50-16h10 CT 10 : «Quality in Pharmaceutical Industry»

Pr Bouclouz Aziz, FMP-UM5 Rabat, Morocco

16h10-16h30 CT 11 : «Quality in higher education »

Pr Kettani Anas, Director of Insertion pole Entrepreneurship, UH2C, Morocco

16h30-16h50 Questions and discussion

16h50-17h10 Coffee break

Session 3: Other Emerging Pathological diseases (Parallel Session)

Chairmen: Pr. Hilali Abderaouf, Pr. Ziad Abdelmajid, Pr. Oudghiri Mouna, Pr. Adboudkhil Souad

Reporters: Pr. Amal Bouziyane, Dr. Hasna Azmi, Meryem Sadkaoui

Local: Seminar Room, Research Unit (RIL7) - FSTM

17h10-17h30 CT12 : « Unveiling the Landscape of Uncommon/Rare and Co-occurring genomic Alterations in non-small cell carcinoma lung cancer »

Abdelilah Laraoui, Faculty of Medicine and Pharmacy, Mohammed V University, Mohammed V Military Teaching Hospital, Rabat

17h30-17h50 CT13 : «Genetic and molecular analysis of two Moroccan cases with Hereditary Neurological Disorders and a predictive assessment of the impact of the novel African variant “S72L” on the PMP22 protein »

Dr. Ait El Cadi Chaimaa -LVOBEEN, FSTM-UH2C & Human Genetics and Genomics Laboratory, Institut Pasteur du Maroc, Casablanca, Morocco

17h50-18h00 CT14 : « Polymorphismes du récepteur de la vitamine D et leur relation avec l'état symptomatique chez les patients atteints de COVID-19 The association of FokI rs2228570 and TaqI rs731236 polymorphisms with SARS-CoV-2 symptoms »

Najih Mouad , LVOBEEN, FSTM-UH2C

18h00-18h20 Questions and discussion

Session 4: EBV, Papillomavirus & Hepatocarcinoma

Chairmen: Pr. Naitlhou Abdelhamid, Pr. Kettani Halabi Mohamed, Pr. Bennani Abdelouahab

Reporters: Dr. Soukayna Alaoui Sosse, Dr. Ikram Tiabi, Imane guemih

Local: Continuing Education Classroom FIS2- FSTM

15h30-15h50 CT15: « Promoter methylation of PTEN, P53 and CDH1 in Epstein-Barr Virus-Associated Gastric Cancer »

Pr. Rihane Fatima Ezzahra -LVOBEEN, FSTM-UH2C & ISPITS-Casablanca. Morocco

15h50-16h00 CT16: «Helicobacter pylori and Epstein-Barr Virus co-infection in Morocco: Prevalence, co-infection, and its implications for gastric cancer »

Dhimen Ghizlane , University Hassan First of Settat, Higher Institute of Health Sciences, Health Sciences and Technologies Laboratory, Settat, Morocco.

16h00-16h10 Questions and discussion

Session 5 : Other Viruses and Cancers

Chairman: Pr. Najwa Hassou, Pr. Rihabe Boussettine, Dr. Ezzikouri Sayeh.

Reporters : Pr. Berjas Abumsimir, Mouna Aqerrout, Imane Mharrach

Local : Continuing Education Classroom FIS2 -FSTM

16h10-16h30 CT 17 : « Cytokine Storm in COVID-19 disease and Immunopathology »

Pr. Ziad Abdelmajid , Laboratory of Experimental Oncology and Natural Substances; Cellular and Molecular immunopharmacology; Faculty of Sciences and Technology; Sultan Moulay Slimane University; Beni Mellal - Morocco.

16h30-16h50 CT 18 : « Enteric viruses and food poisoning in Morocco »

Pr. Rihabe Boussettine, ISPITS , Casablanca , Morocco

16h50-17h10 Coffee break

17h10-17h30 CT 19 : « Epigenetic events in gastric cancer - new biomarkers emerging »

Pr. Rihane Fatima Ezzahra -LVOBEEN, FSTM-UH2C & ISPITS-Casablanca. Morocco

17h30-17h40 CT 20 : « Molecular Characterization of Human Herpesvirus 8 (HHV-8) DNA in peripheral blood of Prostate Cancer»

Dr. Kawtar Nabill-LVOBEEN, FSTM-UH2C, Morocco

17h40-17h50 CT 21 : « Etude antigénique et moléculaire du virus de la Diarrhée Virale Bovine (BVD) au Maroc »

Hanane Khallouki-LBEA,FSTM-UH2C & LRAR casablanca

17h50-18h00 CT 22 : « The Involvement of MicroRNAs as Biomarkers in Prostate Cancer »

Imane Mharrach, LVOBEEN, FSTM-UH2C, Morocco

18h00-18h20 Questions and discussion

Session 6: Oral Poster Session (Parallel Session)

Oral Poster Presentation (05 min) Chairs:

Chairmen: Pr. Souad Amghar, Pr. Nadia Takati, Dr. Qmichou Zineb

Reporters: Dr. Anicet Boumba, Imane guemih, Adila Noufel

Local Conference : GPE Classroom – FSTM

15h00-15h05 OP1: «Cytokines levels (TNF β , INF γ , IL6) in hepatitis B, C positive samples »

Dua'a Al-Ghareeb-Faculty of Allied Medical Sciences, Al-Ahliyya Amman University, Jordan

15h05-15h10 OP2: «Molecular and serological profiling of Epstein-Barr virus in a subset of clinical samples in Jordan »

Hala Alasbahi -Faculty of Allied Medical Sciences, Al-Ahliyya Amman University, Jordan

15h10-15h15 OP3: « Optimisation du protocole ELISA pour la détection sensible du protéasome : Vers une application clinique dans le cancer du sein »

Dardik Houda,-Biochemistry, Environment, and Agri-Food Laboratory, Faculty of Sciences and Techniques Mohammedia, Hassan II University Mohammedia Casablanca, Morocco

15h15-15h20 OP4: « Rift Valley Fever Virus's Spikes During Climate Changes And The New Agenda Of Climate Mitigation Technologies »

Jannet Bessamra-FSTM-UH2C

15h20-15h25 OP5: « L'épuisement professionnel des parents d'enfants atteints de TDAH dans le contexte marocain»

Alouane Sara, Faculty of Sciences, Ibn Tofail University , Kenitra, Morocco

15h25-15h30 OP6: « Identification of bacteria species within Moroccan breast tumors »

Assia Dardouri, Faculty of Sciences and Technics Mohammedia, Hassan II University, Casablanca, Morocco

15h30-15h35 OP7: «Enhancing Safety and Quality in Macrobiopsy : A Focus on Tomosynthesis»

ASSAOUI Fatna, ISPITS, Rabat-Morocco

15h35-15h40 OP8: « Effect of Rosmarinus officinalis and Syzygium aromaticum essential oils addition on antimicrobial and antioxidant properties of pectin-based films»

Raoya Khachani, Research team Biotechnologies and Biomolecular Engineering. FSTT, Abdelmalek Essaadi University, Tetouan, Morocco.

15h40-15h45 OP9: « Update on epidemiology, helicobacter pylori infection and risk factors of peptic ulcer: preliminary results of prospective study »

EL Maghraoui Imane- Laboratory of Human Pathology, Biomedicine and Environment & Faculty of Medicine and Pharmacy -Sidi Mohammed Ben Abdellah University, Fez, Morocco

15h45-15h50 OP10: « les contraceptives oraux et le risque du cancer colorectal chez les femmes marocaines dans la région Marrakech-Safi »

Hamza Elbaylek- Laboratoire de Pharmacologie, Neurobiologie, Anthropobiologie et Environnement. Faculté des sciences Semlalia, Université Cadi ayyad Marrakech.

15h50-15h55 OP11:« Chemical Composition and Cytotoxic Properties of Moroccan Pistacia lentiscus extracts »

Fatima-ezzahra Derdar-Laboratory of Chemistry-Biochemistry, Environment, Nutrition and Health, Faculty of Medicine and Pharmacy, Hassan II University of Casablanca

15h55-16h00 OP12: « Inclusion des Femmes Handicapées dans les Services de Santé Sexuelle et Reproductive : Enjeux pour une Santé et une Économie Durables»

Firdaus Zekaoui, Laboratoire de santé sexuelle et reproductive, Université Hassan II Casablanca

16h00-16h05 OP14: « Detection of human PAPILLOMAVIRUS-16 IN OVARIAN MALIGNANCY AMONG GABONESE WOMEN»

Dr. Zoa-Assoumou-Department of Bacteriology, Virology and Immunology, University of Health Sciences, Libreville, Gabon.

16h05-16h10 OP15: « The impact of gynecological and breast cancers on the quality of marital life in Muslim countries »

Meryam. Essaidi - Sexual and Reproductive Health Laboratory, Faculty of Medicine and Pharmacy, Hassan II University, Casablanca, Morocco

16h10-16h15 OP 16: «Sleep disorders in epileptic patients »

Chaymae Jroundi- LVOBEEN, FSTM-UH2C, Morocco

16h15-16h20 OP 17 : «One Health in Action: Preventing Zoonotic Diseases through Integrated Surveillance and Cooperation»

Sanae Lemrabet, Laboratoire national de la poliomyélite, Département de Virologie, Institut National d'Hygiène, Rabat

16h20-16h40 Questions and discussion

16h40-17h00 Coffee break

Day 2

Friday 20th December 2024

Session 7 : New Diagnostic and Therapeutic Insights for Oncoviruses and Cancers

Chairmen: Pr. Mzibri Mohammed, Pr. Benhessou Mustapha, Dr. Abdelghafar Houria

Reporters: Pr. El Ouahidi Bouabid, Pr. Mouallif Mustapha, Pr. Rahhal Rachid

Local: Conference Amphitheater - FSTM

09h00-09h20 Plenary Conference : «Place de la recherche scientifique sur l'HPV et les cancers au Maroc : point de vue épidémiologique et santé publique»

Pr.Berrahou Mohammed Amine - Directeur de l'Institut de Recherche sur le Cancer (IRC)- Fès

09h20-09h40 CT23: « Mortality of patients with hypopharyngeal cancer at the National Oncology Center in Nouakchott, Mauritania »

Dr. Nah TOLBA, Medical Epidemiologist, Ministry of Health, Mauritania, Research and Teaching Unit,

National Oncology Center, Noukchott, Mauritania

09h40-10h00 CT24: « Les tendances nutritionnelles & cancers »

Pr. Hamid Chamlal, ISPITS, Rabat, Morocco.

10h00-10h20 CT25: « Epigenetic events in gastric cancer - new biomarkers emerging»

Pr. IKKEN Youssef, ISPITS, Rabat, Morocco.

10h20-10h30 CT26: « Design and Theoretical Evaluation of Selective Survivin Inhibitors Derived from the MX-106 Hydroxyquinoline Scaffold: A Novel Target for Anti-Cancer Therapy »

Aloui Mourad, LIMAS Laboratory, Faculty of Sciences Dhar El Mahraz, Sidi Mohamed Ben Abdellah University, Fez, Morocco

10h30- 10h50 Coffee break

10h50-11h10 CT 27 : « Research progress and applications of DNA methylation biomarkers in colorectal cancer : from diagnosis to prognosis »

Meryem Jafari, Sequencing unit, Laboratory of Virology, Center of Virology, Infectious and Tropical Diseases, Mohammed V Military Teaching Hospital, Faculty of Medicine and Pharmacy, Mohammed V University of Rabat, Morocco.

10h50-11h10 CT 27: «VDR exon 2 genetic variations' correlation with prostate cancer and tumor features»

Dr. Kawtar Nabil-LVOBEEN, FSTM-UH2C, Morocco

11h10-11h20 CT 28: «Adenomatous Polyposis Coli (APC) Promoter Gene Methylation in Urine- Derived DNA: A Non-invasive Biomarker for Early Bladder Cancer Detection and Tumor Aggressiveness »

Mouna Aqerrout: LVOBEEN, FSTM-UH2C

11h20-11h30 CT 29 : « Next-Generation Sequencing of BRCA1/BRCA2 Pathogenic Variants Implicated in Prostate Cancer »

Khaoula Elghazali-LVOBEEN, FSTM-UH2C, Morocco

11h30-11h40 CT 30 : «Computational Insights into VEGFR1 Inhibitors: Redefining Cancer Treatment through Dual-Targeted Therapy »

Boutaina Addoum - Biology and Medical Research Unit, CNESTEN, Rabat, Morocco

11h40-11h50 CT 31 : «Le rôle des marqueurs inflammatoires systémiques dans la prédiction des complications post-opératoires des cancers digestifs »

Hanane Ben kadi, Faculté de Médecine et de Pharmacie, UH2C, Maroc.

11h50-12h00 CT 32: « Molecular diagnosis and in Silico genomic and proteomic study of leukemia biomarkers »

Amina Guenfoudi - Faculty of Science in Rabat- University Mohamed V, Rabat, Maroc.

12h00-12h10 CT 33 : « Computational Insights into VEGFR1 Inhibitors: Redefining Cancer Treatment through Dual-Targeted Therapy »

Boutaina Addoum - Biology and Medical Research Unit, CNESTEN, Rabat, Morocco

12h10-12h30 Questions and discussion

12h30-15h00 Lunch break

Session 8: Quality (Parallel Session)

Chairmen: Pr. Chebab Youness, Dr. Amal Souiri, Dr. Lemriss Sanaâ

Reporters: Dr. Kawtar Nabil, Khaoula El Ghazali, Zineb Sakhi

Local: Seminar Room, Research Unit (RIL7) - FSTM

09h00-09h20 CT34: « Le management de la qualité : Une démarche de progrès des établissements d'oncologie pour une performance durable»

Pr. Chebab Youness, ISPITS, Rabat, Morocco

09h20-09h40 CT35: « Digestive Issues in Children with Autism: Exploring Prevalence, Mechanisms, and Management »

Pr. Hanae Naceiri Mrabti, Mohammed V University, Rabat, Morocco

9h40-10h00 CT36: « L'accréditation dans un Laboratoire de Microbiologie Médicale »

Dr. Amal SOUIRI & Dr. Sanaâ LEMRISS, LRAM, Fraternelle de la Gendarmerie Royale, Rabat Morocco.

10h00-10h30 Questions and discussion

10h30- 10h50 Coffee break

Session 9: Biotechnology & Environment (Parallel Session)

Chairmen: Pr. Mezrioui Nouredine, Pr. Bessi Hlima, Pr. Bouchaib Bahlaouan, Pr. Boutaleb Nadia

Reporters: Pr. Benchekroun Mohammed Nabil, Pr. Boughribil Said, Pr. Nadia Takati

Local: Seminar Room, Research Unit (RIL7) - FSTM

10h50-11h10 CT37:« Prevalence, Molecular characterization, and antimicrobial susceptibility of Pseudomonas aeruginosa strains isolated from wells in Morocco »

Pr. ASSAIDI abdelwahid, Agri-Food and Health Laboratory, Faculty of Science and Techniques, Hassan First University, Settat, Morocco

11h10-11h20 CT38: «Prevalence, Molecular characterization, and antibiotics susceptibility of Legionella pneumophila isolated from hotels water systems in Morocco »

Pr. ASSAIDI abdelwahid, Agri-Food and Health Laboratory, Faculty of Science and Techniques, Hassan First University, Settat, Morocco

11h20-11h30 CT39: « Enteric Viruses as a Major Cause of Viral Gastroenteritis: The Case of Rotaviruses »

Pr. Rihabe Boussettine, ISPITS , Casablanca , Morocco

11h30-11h40 CT40 : « Detection of Norovirus by RT-qPCR and Analysis of Heavy Metal Concentrations in Oyster Samples from Two Moroccan Atlantic Coastal Areas: Dakhla and Oualidia »

Pr. Hassou Najwa, ISPITS , Rabat , Morocco

11h40-12h CT41 : « Impact of Environmental Conditions on Mass Mortalities and Economic Consequences for Pacific Oysters (Crassostrea gigas) in Oualidia Lagoon »

Pr. Ahnyne Redouane, ISPITS , RABAT, Morocco

12h-12h20 CT42 : «Objectifs de Développement Durable (ODD) : Enjeux et Place de la Santé et Environnement »

Pr. Himmi Banacer , ISPITS , Rabat , Morocco

12h20-12h40 CT 43 : « Variations phytochimiques et activités biologiques chez le Genévrier thurifère (Juniperus thurifera) du Maroc selon sa provenance géographique »

Pr. Rahhal Rachid, ISPITS , Rabat , Morocco

12h40-13h Questions and discussion

13h-15h00 Lunch break

Session 10: Biotechnologies and Health (Parallel Session)

Chairmen: Pr. Soukri Abdelaziz, Pr. Oufdou Khalid, Pr. Saad Ibn Souda Koraichi, Pr. Lakhiari Hamid

Reporters: Dr. Tolba Nah, Dr. Imane Saif, Dr. Khattabi khadija

Local: Continuing Education Classroom FIS2 - FSTM

09h00-9h20 CT 41 : «MEDICAL BIOTECHNOLOGY : RAPID DIAGNOSIS APPROACHES»

Dr. Khadija khattabi- Farabi Drug company, Casablanca, Morocco.

9h20-9h30 CT 42: « The Role of GeneXpert MTB/Rif in Enhancing Tuberculosis Diagnosis and Treatment Strategies »

Ismail Ouhammou , Université Ibn Tofail - Kénitra

9h30-9h40 CT 43: « Hospital Wastewater Treatment Using Electrocoagulation: Performance, Kinetics, Settlement Analysis, and Water Reuse»

Fatima Zahra Karmil-Chouaib Doukkali University ,El jadidia , Morocco

9h40-9h50 CT 44 : « Application of Respondent-Driven Sampling (RDS) in the Surveillance of Sexually Transmitted Infections (STIs) Among Vulnerable Populations in Morocco: Addressing Oncogenic Viruses and Other STI-Related Health»

Rokaya Aitlhaj-mhand, Virology Department, National Institute of Hygiene, Rabat, Morocco.

9h50-10h00 CT45:« Antibiotic Resistance in Food-Producing Animals: Emerging Threats and Implications for Human Health »

Noura Mounaji, Laboratory of Virology, Oncology, Biosciences, Environment, and New Energies, Faculty of Sciences and Technics Mohammedia, Hassan II University, Casablanca, Morocco

10h00-10h10 CT46: «Effects of Caralluma europaea extracts on apoptosis and chemoresistance in pancreatic cancer cells »

Fatima Ez-Zahra Amrati ,Faculty of Sciences, Ibn Zohr University, Agadir, Souss Massa, Morocco.

10h10-10h30 Questions and discussion

10h30- 10h50 Coffee break

Session 11: Artificial Intelligence (Parallel Session)

Chairmen: Pr. Zakaria El Bakirdi, Pr. Ouahidi Bouabid, Pr. Hicham Al Attar

Reporters: Dr. Youssef Ennaji, El Kehel Mohamed Salem, Pr. Yahya karamoko

Local: Continuing Education Classroom FIS2 - FSTM

10h50-11h10 CT47: «Conceptual and Theoretical Analysis of the Impact of Artificial Intelligence on Health Economics»

Pr. Zakaria El Bakirdi,ISPITS , Rabat , Morocco

11h10-11h30 CT48: « Commissioning and Testing of Linear Accelerators: A Key Role in Cancer Treatment and the emergence of Artificial Intelligence »

Pr. KESSAB Taoufik, -ISPITS, AGADIR-Morocco.

11h30-11h50 CT 49 : « Genomic comparison of SARS-CoV-2 in Morocco and Mauritania: Biotechnological and bioinformatics approaches for mutation and variant identification »

Mohamed Salem Sid'ahmed El Kehel, LVOBEEN, FSTM-UH2C, Morocco & National Institute for Public Health Research (INRSP), Nouakchott, Mauritania

11h50-12h30 Questions and discussion

12h30-15h00 Lunch break

Session 12: Biotechnologies for Socio-Economic Development (Parallel Session)

Chairmen: Pr. Ahnyne Redouane, Pr. Abouabdillah Yassir , Pr. El Bakirdi Zakaria

Reporters: Mouad Najih, Adila Noufel, Abdallah Nabil Said

Local: Conference Amphitheater- FSTM

15h00-15h20 CT50: « Situation épidémiologique de Mpox au Maroc : Profil épidémiologique et État du lieu »

Pr. IKKEN Youssef, ISPITS, RABAT, Morocco

15h20-15h40 CT52 : « Dépistage des lésions précancéreuses au Maroc : passé, présent et futur »

Pr. Slaoui Aziz- Mohammed V University-Rabat, Morocco.

15h40-16h00 CT 53: « Oncoviruses, Cancers, and Biotechnology: Socio-economic Challenges for Sustainable Health, Environment, and Economy »

SANI DAOUDA Mahamadou Moustapha, Laboratory of Drug Sciences and Valorization of Natural Resources, Mohammed VI Faculty of Pharmacy- UM6SS, Casablanca & Mohammed VI Center for Research and Innovation, Rabat, Morocco

16h00-16h10 CT 54 : « Neutralizing antibodies against measles virus: important information for monitoring vaccination status in Morocco »

Soukaina Ouannass, laboratory of the virology center for infectious and tropical diseases of the military training hospital Mohammed V of Rabat

16h10-16h50 Questions and discussion

16h50- 17h10 Coffee break

Session 13: Thematic Short Oral Communications (Parallel Session)

Chairmen: Pr. Ahnyne Redouane, Pr. Abouabdillah Yassir, Pr. El Bakirdi Zakaria

Reporters: Mouad Najih, Adila Noufel, Abdallah Nabil Said

Local: Conference Amphitheater- FSTM

17h10-17h20 TOC1 : « A monocentric retrospective study of the cytogenetic profile and prognosis of Acute Myeloid Leukemia in Morocco »

Fatima zahra Bakkar- Laboratory of Cytogenetics, Pasteur Institute of Morocco, Casablanca

17h20-17h30 TOC2 : « Characterization, molecular isolation and phylogenetic analysis of Sheeppoxvirus in Morocco »

MAHARI IMANE phd - LVOBEEN, FSTM-UH2C, Morocco

17h30-17h40 TOC3 : « Digestive Issues in Children with Autism: Exploring Prevalence, Mechanisms, and Management »

Hanae Naceiri Mrabti, Faculty of Sciences, Ibn Tofail University, Kénitra, Morocco.

17h40-17h50 TOC4 : « Diagnosis and Management of the Polycystic Ovary Syndrome and endometrial cancer screening: Disparity among Obstetrician-Gynecologists and the others Physicians in Morocco »

Safae Abdessadki, Laboratory of Bio-Geosciences and Materials Engineering, Higher Normal School of Hassan II University, Casablanca, Morocco.

17h50-18h10 Questions and discussion

Session 14: Thematic Short Oral Communications (Parallel Session)

Chairmen: Pr. Souad Amghar, Pr. Takati Nadia, Dr. Imane Saif

Reporters: Dr. Kawtar Nabil, Khaoula El Ghazali, Zineb Sakhi

Local: Seminar Room, Research Unit (RIL7) - FSTM

15h00-15h10 TOC 5: « Profil cytogénétique et épidémiologique de la leucémie myéloïde chronique »

Sara Benchikh, Laboratory of Cytogenetics, Pasteur Institute of Morocco, Casablanca, Morocco

15h10 -15h20 TOC 6 : « Clinical determinants of comorbidities and complications associated with COVID-19 severity: A meta-analysis overview »

Soulandi Djorwé, Laboratory of Physiopathology and Molecular Genetics, Faculty of Sciences Ben M'Sik, Hassan II University of Casablanca ,Morocco

15h20-15h30 TOC7: « Cytokine and chemokine profiles in the sera of COVID-19 patients with different stages of severity »

Maryam Bourhis, Laboratory of Agro- industrial and Medical Biotechnology; Cellular and Molecular Immunopharmacology, Faculty of Sciences and Techniques, Sultan Moulay Slimane University, Beni Mellal

15h30-15h40 TOC8 :«Molecular detection and genotyping of Hepatitis B Virus on the island of Ngazidja, Comoros»

NABIL Said Abdallah-LVOBEEN, FSTM-UH2C, Morocco

15h40-15h50 TOC9: «HMGB1 Genetic Variants: Impact on Hepatocellular Carcinoma Susceptibility and Progression in the Moroccan Population »

Chaimaa Zerrad-Virology Unit, Viral Hepatitis Laboratory, Institut Pasteur du Maroc, Casablanca, Morocco.& LVOBEEN, FSTM-UH2C, Morocco

15h50-16h00 TOC 10: «Influence of the rs12603708 Polymorphism in the TNFRSF13B Gene on COVID-19 Infection and Immune Response in the Moroccan Population»

Oumaima Laazaazia- Virology Unit, Viral Hepatitis Laboratory, Pasteur Institute of Morocco, Casablanca, Morocco & Laboratory of Virology, Microbiology, Quality and Biotechnology / Ecotoxicology and Biodiversity Casablanca, FSTM-UH2C, Morocco,

16h00-16h10 TOC 11: «Identification of the SARS-CoV-2 JN.1 Variant in Morocco »

Oumaima Bouddahab-Virology Unit, Viral Hepatitis Laboratory, Institut Pasteur du Maroc, Casablanca, Morocco & Laboratory of Virology, Microbiology, Quality and Biotechnology/Ecotoxicology and Biodiversity, FSTM-UH2C, Morocco,

16h10-16h20 TOC 12: «Whole Genome Sequencing of Enterovirus Species A to D from Children with Acute Flaccid Paralysis in Morocco»

Sanae LEMRABET ,Laboratoire national de la poliomyelite, Departement de VirologieInstitut National d'Hygiene, Rabat

16h20-16h30 TOC 13:«Characterization, molecular isolation and phylogenetic analysis of Sheep Pox Virus in Morocco »

Mahari Imane- Laboratory of Virology, Oncology, Biosciences, Environment and New Energies Faculty of Sciences and Technology, BP 146, Mohammedia, Morocco.

16h30-16h40 TOC 14 : «Characterization of biofilm formation in uropathogenic Staphylococcus aureus and their association with antibiotic resistance»

Rafik Aniba-Université Sultan Moulay Slimane, Beni Mellal, Morocco

16h40-16h50 TOC 15 : «Effects of recombinant SARS-CoV-2 viral proteins on rat behavior »

Maryam Bourhis , Laboratory of Agro-industrial and Medical Biotechnology; Cellular and Molecular, Faculty of Sciences and Techniques, Sultan Moulay Slimane University, Beni Mellal

16h50- 17h10 Coffee break

17h10 -17h20 TOC 16 : « Proteomic Approach to Molecular Profiling and Biomarker Identification in Nasopharyngeal Carcinoma

Ayman Reffai, Intelligent Automation & BioMed Genomics, Faculty of Sciences and Techniques of Tangier, Abdelmalek Essaadi University-Tetouan, Morocco.

17h20-17h30 TOC 17 : «Root acid phosphatases and microbial biomass phosphorus induced Cd tolerance

and P acquisition in wheat inoculated with P solubilizing bacteria »

Ammar Ibyasser, University Mohammed VI Polytechnic

17h30-17h40 TOC 18: «Caffeine Residuals Removal via The Green CuO decorated Microcrystalline Cellulose Supported Exfoliated Geopolymer Nanocomposite: Kinetics, Equilibrium, and Antimicrobial Activity »

Fatima Zahra Karmil -Chouaib Doukkali University-El jadida,Morocco

17h40-17h50 TOC 19: « Literature Review on the Application of Lipolytic Bacteria in Wastewater Treatment»

OUKTA Khadija- Polyvalent Research and Development Team Polydisciplinary Faculty Sultan Moulay Sliman University of Beni Mellal, Morocco

17h50-18h00 TOC 20: «Association of Interferon Induced with Helicase C Domain 1 rs1990760 and rs3747517 variants of IFIH1with COVID-19 Susceptibility and Severity in the Moroccan Population»

Safae Aqillouh, Virology Unit, Viral Hepatitis Laboratory, Institut Pasteur du Maroc, Casablanca

Session 15: Thematic Short Oral Communications

Chairmen: Pr. Najwa Hassou, Pr. Rihabe Boussettine, Dr. Kaoutar Anouar Tadlaoui

Reporters: Adila Noufel, Mouna Aquerrout, Imane Mharrach

Local: Continuing Education Classroom FIS2 -FSTM

15h00-15h10 TOC 20 : «Seasonal prevalence of enteric viruses and fecal bacteria in surface waters and mussels of the Oued Cherrat estuary on the northwest Atlantic coast of Morocco »

BADR HDIJA, Health and Environment Laboratory, Ain Chock Faculty of Sciences, Hassan II-University of Casablanca, Morocco

15h10-15h20 TOC 21: «Monitoring microbiological and viral pollution in Mytilus Galloprovincialis mussels, waters and sediments in the Oued Cherrat estuary on Morocco's Atlantic coast.»

Badr Hdija, Health and Environment Laboratory, Ain Chock Faculty of Sciences, Hassan II University of Casablanca,Morocco

15h20-15h30 TOC 22 : «Distribution of FokI Polymorphism in the Vitamin D Receptor (VDR) Gene in Breast Cancer Tissue from Moroccan Patients»

Zineb Sakhi, LVOBEEN, FSTM-UH2C, Morocco.

15h30-15h40 TOC 23 : «Prevalence of Human Papillomavirus (HPV) in Breast Cancer Tissue : Molecular Insights»

Zineb Sakhi, LVOBEEN, FSTM-UH2C, Morocco.

15h40-15h50 TOC 24: «Exploring the Role of miR-141 in Prostate Cancer Progression: Epigenetic and Molecular Insights»

Adila Noufel-LVOBEEN, FSTM-UH2C, Morocco.

15h50-16h00 TOC 25: «Regulation of Alternative Splicing by DNA Methylation: Insights into CD44 Isoforms in Breast Cancer Progression»

GUEMIH Imane - LVOBEEN, FSTM-UH2C, Morocco.

16h00-16h10 TOC 2 : « Identification of molecular biomarkers and prognostic factors in high-grade glioma»

Asmae Squalli Houssaini, Biomedical and Translational Research Laboratory, Faculty of Medicine, Pharmacy and Dentistry, Sidi Mohamed Ben Abdellah University - Fez (Morocco).

16h10-16h20 TOC 27 : « Evaluating the Expression Levels of Human Endogenous Retrovirus-K 10 (HERV-K10) Gag as a Biomarker in Prostate Cancer Tissue»

Imane Oueriaghli, LVOBEEN, FSTM-UH2C, Morocco.

16h20-16h30 TOC 28 : « Potential Role of BK Polyomavirus in Prostate Cancer Initiation: Detection in Human Tumor Biopsies

Meryem Sadkaoui- LVOBEEN, FSTM-UH2C, Morocco

16h30-16h40 TOC 29 : «Étude prospective de la Prévalence des virus oncogènes dans des biopsies du cancer de la prostate au labo Lvobeen

Meryem Sadkaoui - LVOBEEN, FSTM-UH2C, Morocco

16h40-16h50 TOC 30 : « Investigating EBV infection in prostate cancer patients: A comparative study of tissue and blood samples with clinicopathological correlations »

Imane Mharrach, LVOBEEN, FSTM-UH2C, Morocco

16h50- 17h10 Coffee break

17h10-17h20 TOC 31 : MiR-218: «A Key Regulatory microRNA in HPV-Driven Cervical Cancer – A Potential Biomarker and Therapeutic Target »

Guemih Imane, LVOBEEN, FSTM-UH2C, Morocco

17h20-17h30 TOC 32 : «Interplay Between PRR11, MiR-128, and HPV in Cervical Cancer: Expression Profile Comparison »

Dr. Kaoutar ANOUAR TADLAOUI, LVOBEEN, FSTM-UH2C, Morocco.

17h30-17h40 TOC 33 : «Epidemiological Insights into HHV-8 Prevalence in Prostate Cancer Patients: Risk Factors and Public Health Implications»

Adila Noufel, LVOBEEN, FSTM-UH2C, Morocco.

17h40-17h50 TOC 34 : «Epigenetic Regulation of Tumor Heterogeneity and Therapy Resistance in Breast Cancer via DNA Methylation»

GUEMIH Imane, LVOBEEN, FSTM-UH2C, Morocco.

17h50-18h10 Questions & Discussion

Day 3

Saturday 21th December 2024

Session 16: Thematic Short Oral Communications

Session Chairman: Pr. Takati Nadia, Pr. Souad Amghar, Dr. Kawtar Abulalaa

Session reporter:Guemih Imane, Mouad najih, Adila Noufel

Local: Conference Amphitheater- FSTM

9h00-9h20 Plenary Conference : « VIH and Signalisation »

Pr. Kaoutar LEGHMARI -Université Paul Sabatier, Toulouse

9h20-9h30 TOC 35:«Amoxicillin silver nanoparticles: an innovative strategy against bacterial antibiotic resistance»

Aziza Berd , Laboratory of Material Sciences, Mathematics, and Environment, Sultan Moulay Slimane University, Khouribga, Morocco

09h30-09h40 TOC 36 : «Molecular and microbiological analysis of mussels (*M. galloprovincialis*) in two regions in Morocco»

GHAICHAT SARA, LVOBEEN, FSTM-UH2C, Morocco

09h40-09h50 TOC 37 : «Assessment of emerging toxins (Pectenotoxins, Gymnodimines, Spirolides and Pinnatoxins) in bivalves on both moroccan coasts »

Hajar Bouda, Bio-geosciences and materials engineering research laboratory, Ecole Normale Supérieure, Hassan II University, Morocco & Marine biotoxins laboratory, National Institute of Fisheries Research, Morocco.

09h50-10h00 TOC 38 : «Insights into Binding Proteins Involved in Phycotoxin Detection in Paralytic Shellfish Poisoning »

Rajae El Bourki, Bio-geosciences and materials engineering research laboratory, Ecole Normale Supérieure, Hassan II University, Morocco.

10h00-10h10 TOC 39 : «Chemical Insights into the Role of Heavy Metals in Carcinogenesis: Molecular Interactions, Oxidative Damage, and Epigenetic Modifications »

Aloui Mourad-High Institute of Nursing Professions and Health Techniques (ISPITSR) of Rabat

10h10-10h20 TOC 40 : « Phytochemical screening and antioxidant activity of *Laurus nobilis* L»

Ibtissam BOUSSAOUDI-Abdelmalek Essaâdi University ,Tétouan, Morocco

10h20-10h30 TOC 41:« Molecular detection and genotyping of human herpes virus 8 in blood donors in Congo»

Dr. Patrina Joseph Iloukou-LVOBEEN, FSTM-UH2C, Morocco

10h30-10h40 TOC 42 : « Human JC polyomavirus with Simian Virus 40 and the risk of developing prostate adenocarcinoma at an early age »

Dr. Ikram Tiabi, LVOBEEN, FSTM-UH2C, Morocco

10h40-10h50 TOC 43 : «Antimicrobial susceptibility and molecular typing of *Escherichia coli* isolated from poultry products in the region of Drâa-Tafilalet, Morocco»

Mohamed Azmil, Clinical Immunology, Inflammation and Allergy Laboratory (LICIA), Faculty of Medicine and Pharmacy, Hassan II University, Casablanca, Morocco

10h40-10h50 TOC 44 : « Garden Cress Seeds to improve maternal health: From Tradition to Biotechnological Insights of a Central Moroccan cohort »

Safae Aboud ,Higher Institute of Nursing Professions and Health Techniques, Beni Mellal, Morocco

10h50-11h00 TOC45 : « Reliability of sampling techniques and microbiological identification of vascular catheter colonization: a systematic review »

Lakhrissi Alaeddine, Health Sciences and Technologies Laboratory, Higher Institute of Health Sciences, Hassan First University, Settat, Morocco.

11h00-11h10 TOC 46 : « The almond tree in morocco a literature review on it's nutritional value and sustainable potential »

BELKACHACH Doha, Laboratory of Agro-industrial and Medical Biotechnologies, Faculty of Sciences and Techniques, Sultan Moulay Slimane University, Béni-Mellal, institute of agronomic research Morocco

11h10-11h20 TOC 47 : « Update on epidemiology, helicobacter pylori infection and risk factors of peptic ulcer: preliminary results of prospective study »

Imane ELmagharaoui, Human Pathology, Biomedicine and Environment, Laboratory-Faculty of Medicine and Pharmacy-Sidi Mohammed Ben Abdellah University, Fez, Morocco

11h20-11h30 OP12: « Formulation of *Pterosiphonia complanata* gel for anti-Vulvovaginal Candidiasis»

Dr. Bouchra Benhniya-Laboratory of Marine Biotechnology and Environment – CNRST Labeled Research Unit, Faculty of Sciences, Chouaib Doukkali University, El Jadida, Morocco.

11h30-11h40 Questions & Discussion

11h40-11h50 : World Association for Virology, Biotechnology and Emerging and Re-emerging Pathogens meeting: for executive and administrative meetings and member information

11h50 -12h00 Closing ceremony

14h00-18h00 Workshops

- *Workshop 1: Design des primers PCR temps réel et conventionnel*
- *Workshop 2: Biostatistiques*
- *Workshop 3: Épidémiologie*