

SCIENTIFIC PROGRAM

(Extended version)

Day 1 – 25/03/2026

09h00 – 10h00: Reception and registration of participants

10h00 – 11h30
Amphitheatre

Opening of the ISTAS 26 congress

- **Prof. Abdellatif MOUKRIM** *President of Hassan First University of Settat*
- **Prof. Elmadani SAAD** *Director of the Higher Institute of Health Sciences, Settat*
- **Prof. Jawad BOUZID** *President of AMSTec and President of the ISTAS26 Congress, Settat*
- **Prof. Naoufal HIMMOUCHE** *Congress steering committee and Treasurer of AMSTec, Settat*

Partnership Signing Ceremony

11h30 – 12h45
Amphitheatre

PS 1
Plenary Session

Session Chairs: Prof. Mohammed BOUKRIM and Prof Mohammed Reda MESRADI

Session Reporter: Prof Hasna ZAERIA

- **Integrating health into all policies: Towards reducing disparities and achieving health equity**
Dr. Hassan CHRIFI *President of the Francophone Network of Schools of Public Health, and Director of the National School of Public Health, Morocco*
- **Physicians and artificial intelligence: Understanding resistance to build intelligent and ethical use**
Prof. Az-Eddine BENNANI *Director of the Moroccan Observatory for Artificial Intelligence | Former Professor at Sorbonne, UTC, ESSCA Paris, NEOMA, and Al Akhawayn University | Former Manager at Hewlett-Packard France & Middle East/Africa (MEA)*
- **Discussion** (15 minutes)

12h45 – 13h15
Hall

Coffee break & E-poster / Poster Viewing Session

13h15 – 15h00
Amphitheatre

PS 2
Plenary Session

Session Chairs: Prof. Youssef BOUZEKRAOUI and Prof. Youssef BABAKHOUYA

Session Reporter: Pr. Mustapha EL HANINE

- **Reinventing hospital governance: Towards more human, agile, and sovereign management**
Dr. Yousr BEN HAMADI SANCHEZ *Market Access Manager North & SS Africa, Biocon Biologics, Tunisia*
- **Transplanting the untransplantable: Exploratory approaches to transplanting sensitized heart, kidney, lung and stem cell patients**
Prof. Abdelhamid LIACINI *Director, Technical Supervisor & Clinical Consultant American Red Cross Histocompatibility Laboratory Services, Dedham, Philadelphia, USA*
- **Tele-rehabilitation across functional levels: Expanding access for older adults**
Prof. Igor CIGARROA *Director of Escuela de Kinesiología, Universidad Católica Silva Henríquez, Chile*

- Discussion (15 minutes)

15h00 – 16h00

Lunch & Networking

16h00 – 19h00
Breakout Rooms

OS 1
Oral Presentation Session (*Rooms 1 to 7*)

AXE1: Public Health, Environment, and One Health Approach

ROOM 1

Moderators: Prof. Ikram MARC et Prof. Faïçal EL HATTIMY

CO1-001. A One Health Mapping of Multidrug-Resistant Bacteria in Moroccan Waters: Methodological Framework and Implications
Mme Hajar EL AMRANI

CO1-002. Access, utilization and unmet needs for health services for individuals with Autism Spectrum Disorder (ASD) in Morocco: A cross-sectional study
Mme Chaimaa AL MALKI

CO1-003. Anxiety and Depression Among Women Using Combined Oral Contraceptives in Meknes, Morocco: A Cross-Sectional Analytical Study
Mme Samira JAOUHAR

CO1-004. Assessing knowledge of the risks associated with ionizing radiation among nurses working in operating rooms in Moroccan hospitals.
Mr Abdessamad OUASFI

CO1-005. Associated Factors with Hepatitis B Virus (HBV) Infection among Hemodialysis Patients
Mr Lahcen BIDARNE

CO1-006. Association between neonatal jaundice and environmental temperature in the region of Casablanca: A One Health approach
Mme Khadija AOUNI

CO1-007. Bibliometric analysis of *Campylobacter spp* research (2017-2025): Global trends and knowledge gaps
Mr Otmane AOUAD

CO1-008. Bibliometric Trends in Hospital Environmental Contamination and Nosocomial Infections: Focus on ICU Applications
Mme Hajar OUAKOUROU

CO1-009. Comparing early and late-onset colorectal cancer in Morocco: clinicopathological profiles and impact of emergency surgery on mortality
Mme Ghizlane DHIMEN

CO1-010. Cost-effectiveness of nutritional management in CKD: Reducing the economic burden on healthcare systems
Mme Soukaina ELFAYQ

CO1-011. CYP11B2 -344T/C (rs1799998) Polymorphism and Blood Pressure Categories in a Moroccan Population
Mme Sofia SEMLALI

CO1-012. Depression among elderly cancer patients in Morocco: A cross-sectional survey
Mme Raja ARIF

CO1-013. Descriptive study of nutritional status, biochemical parameters, and dietary habits as a function of obesity in hemodialysis patients in Morocco
Mme Oumayma LAASSILIA

CO1-014. Determinants of Neonatal Mortality and the Role of Hospital Quality Management in the Casablanca-Settat Region, Morocco
Mme Nabila MSATFA

CO1-015. Dietary Patterns and Breast Cancer Risk: A large-scale Case Control Study among Moroccan Women
Mme Najoua LAMCHABBEK

AXE1: Public Health, Environment, and One Health Approach

ROOM 2

Moderators: Prof. Ihsane EL OTMANI et Prof. Milouda CHEBABE

CO1-016. Dietotherapy in geriatric oncology: A narrative evidence synthesis
Mme Salma CHBANAT

CO1-017. Digital Sports Injury Surveillance and Reporting Standards: A Combined Bibliometric and Scientometric Mapping
Mme Chaimae KHALI

CO1-018. Distribution of Uropathogens and Antibiotic Resistance Profiles among Hospitalized and Community Patients at Al Hoceima Hospital Center, Morocco
Mme Manal NAFAI

CO1-019. Electronic Hand Hygiene Monitoring in Healthcare: Effectiveness, Technologies, and Challenges
Mme Halima AMAKASSOU

CO1-020. Epidemiological and clinical profile of newborns with trisomy 21 in Morocco: A five-year period study
Mme Karima RAHALI

CO1-021. Exploring Fear of Childbirth Factors among pregnant women in Settat
Mme Khadija MOUHTASSINE

CO1-022. Hazardous Chemicals Found in Recycled Plastic Consumer Products in Morocco
Mme Narjis BADRANE

CO1-023. Health and Environmental Impact of Bisphenols and Phthalates in Morocco
Mme Narjis BADRANE

CO1-024. Health Education through Participatory Action Research in a Moroccan Nursing Home
Mme Fatima Ezzahra MARSSI

CO1-025. Health Sciences in Moroccan Research and Innovation System
Mr Abdelouahid EZZARFI

CO1-026. Heat and Housing: Drivers of Cutaneous Leishmaniasis Transmission in Essaouira, Morocco
Mr Hicham HAFIANE

CO1-027. Human Resources Governance in Health System Reforms: A Systematic Review
Mr Anas LYAMANI

CO1-028. Impact of urinary and sexual toxicities of external beam radiotherapy on the quality of life of patients with prostate cancer

Mme Soukaina ELMOUTAOUAKIL

CO1-029. Infectious Disease Risks Associated with Occupational Exposure in Traditional Moroccan Tanneries

Mme Ilham ARHOUNE

CO1-030. Knowledge Gaps and Educational Needs Regarding Congenital Hypothyroidism Screening: A Study of Moroccan Health Professionals

Mme Boutaina BOUMEHDI

AXE2: Artificial Intelligence, Digital Transformation, and Cybersecurity in Health

ROOM 3

Moderators: Prof. Najim ITTOBANE et Prof. Mustapha KRIM

CO2-001. A Hybrid CNN-Random Forest Approach for Ankle Injury Classification and Preventive Decision Support Using Medical Imaging

Mme Hind EL BAZ

CO2-002. A Robust and Explainable Deep Learning Framework for Multi-Class Brain Tumor Classification from MRI with External Validation

Mme Hiba BENAICHA

CO2-003. A scoping review of AI-based aphasia assessment: Implications for research and clinical care in Morocco

Mme Loubna EL OUARDI

CO2-004. Advances in Artificial Intelligence for Breast Cancer Detection in Mammography: A Structured Review

Mme Aya KAMEL

CO2-005. AI for Non-Invasive Anemia Detection: A Narrative Review of Emerging Methods

Mme Nawal OUAHBI

CO2-006. AI-AMS: Integrating Digital Transformation and Clinical Decision Support for Antimicrobial Stewardship Excellence

Mme Malak KOUTI

CO2-007. AI-Based and Classical Analyses of Determinants of Neonatal Respiratory Distress in a Middle-Income Country: A Retrospective Cohort Study

Mme Latifa MOCHHOURY

CO2-008. AI-Powered Automated Pneumonia Detection: A Comparative Analysis of Machine Learning and Deep Learning Approaches using Chest X-Ray Images

Mr Mustapha EL HANINE

CO2-009. An Artificial Intelligence Framework for Anticipating Clinical Deterioration in Hospitalized Patients

Mr Iliass BAHITE

CO2-010. Analysis of Out-of-Pocket Health Expenditure Determinants in Morocco: A Machine Learning Approach Integrating Regularized Regression (Lasso/Elastic Net) and Random Forest

Mr Aazelarab BOUGHALEB

CO2-011. Assessment Criteria for Digital Health Interventions Focusing Among Healthcare Providers: A Scoping Review

Mr Issam EL KOUARTY

CO2-012. Assessment of recovery in young soccer players: a systematic review of technological tools and artificial intelligence applications

Mr Walid BOUZID

CO2-013. Barriers to the Adoption of Technology in Healthcare Systems in North African Countries: A Systematic Review

Mme Chaimae HAMRIRI

CO2-014. Clinically Integrated Explainable Deep Learning for Thoracic CT Imaging: A Regional Validation Study Under Domain Shift Conditions

Mr Youcef MAZIANE

CO2-015. Current Advances and Challenges in AI-Driven Bone Fracture Detection: A Structured Review

Mme Salma ENNAQUI

AXE4: Clinical and Pharmaceutical Sciences

ROOM 4

Moderators: Prof. Ibtissam BOUABADI et Prof. Amina AQUIL

CO4-001. Advances and Emerging Trends in Molecular Techniques for Identifying Methicillin-Resistant *Staphylococcus Aureus*: A Bibliometric Analysis

Mme Fedwa MELAYLOU

CO4-002. Analysis of The Toxicity of 5-Fluorouracil in the Moroccan Population: National Pharmacovigilance Data

Mr Ayyoub ALIOUA

CO4-003. *Cynara cardunculus L. var. ferocissima* leaf prevents the neurobehavioral alterations induced by hyperlipidemia in a hyperlipidemic rat model induced by a high-fat, high-sucrose diet

Mme Habiba NECHCHADI

CO4-004. Decoding Therapy Resistance in B-ALL: miRNA Networks and T-Cell Immunosuppression as Dual Predictive Signatures

Mme Rajae TAIBI

CO4-005. Differences between individuals with or without irritable bowel syndrome: Moroccan study

Mme Rim BENHIDA

CO4-006. Epidemiological profile of patients admitted to the polyvalent intensive care unit

Mr Elmehdi ANWAR

CO4-007. Ethnobotanical Investigation of Medicinal Plants Used in Traditional Cancer Treatment in the Marrakech-Safi Region, Morocco

Mme Kawtar BENELFAKIR

CO4-008. F12 Variant-Related Hereditary Angioedema with Normal C1 Inhibitor: Three Cases from a Moroccan Family

Mme Hajar KALIL

CO4-009. From Desert Venom to Novel Therapeutics: Exploring Cobra and Scorpion Venom Peptides as a One Health Strategy for Anti-Cancer Drug Discovery

Mr Reda CHAHIR

CO4-010. Identification of Kupffer Cell miRNA-mRNA Networks Underlying Liver Fibrosis and Hepatocellular Carcinoma in a DEN-CCl4 Mouse Model

Mr Abdessamad HACHMI

CO4-011. In Vivo Assessment of the Wound Healing Activity of *Capsicum annuum L.* (Niora) Pericarp Extracts from Beni Mellal, Morocco

Mme Fatimzahra ZIKY

CO4-012. Intra-Articular Mesenchymal Stromal Cell Therapy as a Non-Surgical Management Option in Knee Osteoarthritis

Mme Siham DKHISSI

CO4-013. Phytochemical profile and antioxidant, antimicrobial, and antidiabetic potentials of Moroccan *Myrtus communis* L. essential oil through in vitro and in silico tests

Mr Maroine FLOUCHI

CO4-014. Post-Dural Puncture Headache in Patients Undergoing Spinal Anesthesia at the Regional Hospital of

Morocco: Incidence, Risk Factors, and Management Strategies

Mr Abdelaziz MOUNIR

CO4-015. Postnatal Growth Patterns in Preterm Infants According to Enteral and Parenteral Feeding in a Middle-Income Country: A Cohort Study

Mme Latifa MOCHHOURY

AXE4: Clinical and Pharmaceutical Sciences

AXE5: Neurosciences and Humanities

ROOM 5

Moderators: Prof. Abderrahim CHEBATE et Prof. Abdeljalil EL GOT

CO4-016. Role of Therapeutic Drug Monitoring of Antituberculous Agents in the Management of Tuberculosis Patients: Experience of the Moroccan Poison Control and Pharmacovigilance Center (2014-2023)

Mme Narjis BADRANE

CO4-017. Screening of Antioxidant, Antibacterial and Antileishmanial Activities of *Glycyrrhiza glabra* (L.) Extract from Morocco

Mr Hicham DAHAK

CO4-018. Study on a Moroccan population to determine the epidemiological and clinical characteristics of children with peripheral neuroblastic tumors

Mme Aroua EDDAIBOUNI

CO4-019. The effect of sodium butyrate on irritable bowel syndrome

Mme Rim BENHIDA

CO4-020. Therapeutic Drug Monitoring of Calcineurin Inhibitors in Renal Transplant Recipients: Clinical and Pharmaceutical Impact in a Moroccan Cohort

Mme Meriame BENNANI

CO4-021. Thermal characterization using Freeze-drying microscopy for optimizing the formulation of iPSMA-HYNIC kit for Tc99m radiolabeled radiopharmaceutical

Mme Naoual BENTALEB

CO4-022. Variability in Hormone Therapy Response in Prostate Cancer: An Observational Study and pharmacogenetic Perspectives

Mme Mariam SIDIBE

CO5-001. Adjunctive Effects of Citrus reticulata Peel Essential Oil on Metabolic, Cognitive and Hippocampal Disturbances in Insulin-Treated type 1 Diabetic Rats

Mme Asmae ELKOUCH

CO5-002. Argan Oil as a Neuroprotective Agent: Modulation of Oxidative Stress and Peroxisome Proliferation in In Vivo and In Vitro Systems

Mr Yassir LAAZIOUEZ

CO5-003. Biotin-Thiamine-Responsive Basal Ganglia SLC19A3 deficiency case report Morocco

Mme Yousra ATLAS

CO5-004. Effects of sodium copper chlorophyllin and/or vitamin c on barium chloride-induced oxidative stress in mouse brain

Mme Salma BENAYAD

CO5-005. Factors associated with the clinical severity of bipolar disorder: Effects of sociodemographic characteristics and psychoactive substance use

Mme Basma QASBI

CO5-006. HIITing the Brain-From Track to Task: School-Based Evidence from a Physical Education Setting for Acute and Chronic Improvements in Selective Attention (Stroop Task Performance) and Sprint Performance in Adolescents

Mr Rochdi DAIBI

CO5-007. Impact of Inter-Subject EEG Variability on Epileptic Seizure Prediction Using Patient-Specific Deep Learning Models

Mme Maryem BERRADI

CO5-008. Influence of Diabetes and Glycemic Regulation on Cognitive Performance

Mr Rachid AIT HAMMOU

AXE5: Neurosciences and Humanities

AXE6: Pedagogical Innovation in Health Sciences

ROOM 6

Moderators: Prof. Khaoula ADDAKIRI et Prof. Najlaa EL GOUAR

CO5-009. Metabolic and Oxidative Stress Reprogramming Induced by a Cannabidiol-Rich Cannabis Extract in Glioblastoma Cells: An Integrative In Vitro Study

Mme Hajar MAAROUF

CO5-010. Neuromuscular Fatigue and Recovery Kinetics in Elite Youth Soccer Players: Implications for Load Monitoring and Neurofunctional Health

Mr Walid BOUZID

CO5-011. Neuroplasticity and cognitive rehabilitation in contexts of social vulnerability: challenges and levers within the Moroccan health system

Mme Hiba AHABCHANE

CO5-012. Neuropsychiatric and Functional Impact of "Bouffa", a Crack-Like Street Drug, Among Users Followed in Addiction Treatment Centers in Morocco

Mr Oussama RAOUANI

CO5-013. Psychological Well-Being and Self-Image Among Women Diagnosed with Breast Cancer in Morocco

Mme Soukaina BIDAR

CO5-014. Study of the effects of exposure to a glyphosate-based pesticide on pain sensitivity in a murine mouse model

Mr Mohammed LEKNIZI

CO5-015. The impact of hypo or hypercapnia on postoperative cognitive function: a systematic review

Mr Youssef EL-ALLAM

CO5-016. The Impact of Thyroid Disease on Behavioral Status: a Moroccan Case-Control Study

Mme Chaimae BOUAB

CO6-001. Effectiveness of simulation-based continuing education in neonatal resuscitation among Moroccan midwives: a quasi-experimental study

Mme Sara ALAUI

CO6-002. Evaluation of the learning of clinical fundamentals of radiotherapy using a virtual training environment (VERT) in medical physics students

Mme Sohaila MOUSTAID

CO6-003. Immersive digital simulation for effective teaching in Health Sciences
Mr Lahoucine BEN YAHYA

CO6-004. Impact of In-Person Versus Virtual Reality Neonatal Resuscitation Simulation on Theoretical Knowledge and Psychomotor Skills Among Undergraduate Pediatric Nursing and Midwifery Students
Mme Sara ALAOU

CO6-005. Nursing students' perceptions of the clinical learning environment at ISPITS Meknès: a cross-sectional study using the CLES+T scale
Mme Imane ER-RAZKI

CO6-006. Psychometric characteristics of Roter interaction analysis system (RIAS) in the context of health education in a Moroccan school
Mme Khadija DAOUDI

CO6-007. Simulation for the development of intercultural competencies in healthcare: a systematic review
Mme Ibtissam BOUZADI

FOR ON-LINES: Oral communications (Room 7)

Moderators: Pr. Samira JAOUHAR et Pr. Tarik AINANE

17h00 – 19h00
Breakout Rooms

WS 1
Workshop Session (Room 8)

- **Workshop 1: Arterial blood gas analysis: From technical assessment to clinical management**

Mr El Houssein HAMNI *phD student, Hassan First University of Settat, Higher Institute of Health Sciences, Laboratory of Health Sciences and Technologies, Settat, Morocco*

& Meriame LAAZIZ *phD student, Hassan II University of Casablanca, Faculty of Medicine and Pharmacy, Laboratory of Clinical Immunology, Infection and Autoimmunity (LICIA), Casablanca, Morocco*

- **Workshop 2: “Actions that save”**

Prof. Jawad BOUZID *President of AMSTec and President of the ISTAS26 Congress – ISSS, Settat*

Prof. Latifa MOCHHOURY *Hassan First University of Settat, Higher Institute of Health Sciences, Laboratory of Health Sciences and Technologies, Settat, Morocco*

Mr Alaeddine LAKHRISSI & Mr Youssef EL-ALLAM *phD students, Hassan First University of Settat, Higher Institute of Health Sciences, Laboratory of Health Sciences and Technologies, Settat, Morocco*

19h00 – 19h15
Hall

Coffee break & E-poster / Poster Viewing Session

E-POSTERS & POSTERS

CA1-001. Acute poisoning in children: Data from the Moroccan Poison Control and Pharmacovigilance Center laboratory (2016-2023)
Mme Narjisse SEDQI

CA1-002. Analysis of the psycho-educational needs of parents of children with nephrotic syndrome in the pediatric department at the Mohamed VI University Hospital Center in Tangier
Mme Nozha KACHI

CA1-003. Application of the NANDA-I/NIC/NOC Nursing Care Plan in Emergency Management of Type 1 and Type 2 Diabetes: A Pilot Study
Mme Fatimaezzahra FERNANE

CA1-004. Assessment of quality of work life and working conditions in Moroccan public hospitals: A narrative literature review and research perspectives
Mme Imane OUBELLA

CA1-005. Body image dissatisfaction and lower self-esteem as major predictors of poor sleep quality in gynecological cancer patients after surgery: cross-sectional study
Mme Amina AQUIL

CA1-006. Circular Valorization of Polyurethane Textile Waste for Water Treatment
Mme Salma SAKINI

CA1-007. Clinicopathological characteristics and metastatic patterns of gastric cancer in Morocco: A retrospective institutional study
Mme Ghizlane DHIMEN

CA1-008. Comparative Study of Innovative Robotic Surface Disinfection Technologies in the Prevention of Healthcare-Associated infections (HAIs)
Mr Aboubacar BAH

CA1-009. Extraction of a vegetable oil by ultrasound: Yield and nutritional quality in a One Health approach
Mme Oumayma ADNOUSS

CA1-010. First Report of Ciprofloxacin-Resistant Salmonella Enteritidis with a gyrA Mutation Isolated from Human Cases in Morocco
Mme Hajar ELMOURABIT

CA1-011. Frailty screening in geriatric oncology: A scoping review of the validity and clinical utility of the G8 score
Mr Elhoussein HAMNI

CA1-012. Genetic Polymorphisms Associated with Type 2 Diabetes Mellitus in the Moroccan Population: A Systematic Review of Susceptibility Variants and Molecular Pathways
Mr Atmane AIT BAH

CA1-013. Hospital management in the face of health crises: An

integrated approach based on the “One Health” concept

Mme Amal LAAKILI

CA1-014. Innovative Medical Devices in the Prevention of Healthcare-Associated Infections: A Systematic Review

Mr Aboubacar BAH

CA1-015. Lead exposure in Moroccan population under 18 years of age: Data from the Moroccan Poison Control Centre Laboratory from 2018 to 2023

Mme Ibtissam FOURAR

CA1-016. Management of Medical and Pharmaceutical Waste: Public Health and Environmental Challenges in a Moroccan Provincial Hospital

Mr Outhman MOUSSI

CA1-017. Maternal and Neonatal Determinants of Very Preterm Birth in a Referral Center in Morocco: Multivariate Analysis of a Hospital-Based Cohort

Mr Khaddouj EL GOUNDALI

CA1-018. Mediterranean diet: A dietary pattern related to nutritional benefits for Moroccan hemodialysis patients

Mme Rachida MOUSTAKIM

CA1-019. Mental Health Outcomes Among Women of Reproductive Age Following the 2023 Al Haouz Earthquake

Mme Fatima-Ezzahra EZAHOUANIA

CA1-020. Per- and Polyfluoroalkyl Substances (PFAS) Contamination in Food Packaging Materials in Morocco

Mme Narjis BADRANE

CA1-021. Pollution in the environment of tanneries and implications for public health: a One Health perspective

Mme Ilham ARHOUNE

CA1-022. Risk factors for postpartum hemorrhage in women admitted to Hassan II Hospital, Settat, Morocco

Mme Ikram MARC

CA1-023. Study of the quality of public playground areas for children in Marrakech city

Mme Ouafae EL HAMIANI

CA1-024. The Impact of Gynecological Cancers on the Quality of Life of Djiboutian Women: a Cross-Sectional Comparative Study

Mr Moussa Ali ZAM-ZAM

CA1-025. The One Health Approach: A Strategic Framework for Enhancing Competitiveness and Sustainability in Morocco's Fisheries Sector

Mme Siham LASRI

CA2-001. A Machine Learning Approach for Lung Cancer Classification Using Data Augmentation

Mme Rajaa BOUZIDI IDRISSE

CA2-002. An Artificial Intelligence-Based Predictive and Assistive Approach to Academic Success of Health Sciences Students in Morocco

Mme Rajae TAATE

CA2-003. Artificial Intelligence in Support of Clinical Audit: Toward Continuous and Predictive Assessment of Quality of Care - Rapid Review

Mme Houda CHAIKHI

CA2-004. Big Data Integration in Healthcare Performance Management: A Bibliometric Analysis of Trends, Challenges, and Opportunities

Mme Hafsa ELKHRICHI

CA2-005. Digital transformation of public health organizations: an analysis of trends

Mme Assiya SADIK

CA2-006. Explainable GANs for Medical Imaging: Overcoming Data Scarcity and Clinical Trust Challenges

Mr Said LAHARRAF

CA2-007. From Paper to Digital: Transforming Pediatric Healthcare through Electronic Medical Records

Mr Mohamed BENFATAH

CA2-008. Genetic Algorithm Utilizing Filtering Technique for the Resolution of 1D Inverse Heat Conduction

Mr Yahya GUELI

CA2-009. Malware Detection Using Machine Learning and Deep Learning in Healthcare Cybersecurity: A Review

Mr Adnane DIOURI

CA2-010. Real-Time Automated MRI Enhancement and Diagnosis Using Lightweight Deep Learning Frameworks

Mme Hafssa MEDIANI

CA2-011. Secure and Efficient Medical Image Encryption for Telemedicine: A Dynamic Hill Cipher Approach

Mr Faiq GMIRA

CA2-012. Technostress and acceptance of hospital information systems among healthcare professionals: a narrative review

Mme Houda BAKBACH

CA2-013. The application of artificial intelligence at the mental hygiene service level of the Casablanca-Settat region: Towards a healthier and safer care

Mr Imrane HACHMA

CA3-001. Articulating Medical Liability Regimes in the Context of Artificial Intelligence: Challenges and Perspectives under Moroccan Law

Mme Hanane OUBELKACEM

CA3-002. Assessment of patient safety culture among physicians in public hospitals in Djibouti: A cross-sectional study

Mr Kaiss SALEH

CA3-003. Community engagement in epidemic situations: The case of COVID-19 in Morocco

Mme Oumaima BOUNAR

CA3-004. From Framework Law 06-22 to Evaluation: Development and Validation of a 5E Performance Grid for Territorial Health Groups in the Digital Era

Mme Hanane HABABA

CA3-005. Governance and Financing Challenges in Achieving Universal Health Coverage: A Multidimensional Analysis of Mandatory Health Insurance Expansion in Emerging Contexts

Mme Fouzia AALI

CA3-006. Hindered Work in Hospitals: Moving Beyond the Individual Approach Toward Sustainable Organizational Prevention

Mme Safia ABAJAD

CA3-007. Macroeconomic Dynamics of Health Financing: A Theoretical Framework of the Substitution Effect between Public and Private Expenditure

Mr Aazelarab BOUGHALEB

CA3-008. Mapping Agility in the Healthcare Sector: A Bibliometric Analysis and Future Research Agenda (2010-2025)

Mr Abdellatif EL FAQIR

CA3-009. Medical Malpractice: Legal and Ethical Challenges in Patient Protection

Mme Imane HALIM

Day 2 – 26/03/2026

09h00 – 09h30: Reception and registration of participants

09h30 – 10h30
Amphitheatre

Special session

✚ Sponsors Presentation

“National Center for Scientific and Technical Research (CNRST)”
“AKDITAL Group”
“Moroccan Biomedical Society”
“Moroccan Federation of Private Vocational Education (FMPE)”
“Settat urban commune”
“Oulad Fares El Halla rural commune”

10h30 – 12h15
Amphitheatre

PS 3
Plenary Session

Session Chairs: Prof. Bouchra BELKADI and Prof. Abdessamad DIDI

Session Reporter: Prof. Youssef BOUZEKRAOUI

-
Prof. Mohsine RAOUF *Director General of the Ibn Sina University Hospital Center, Rabat, Morocco*
- **A novel antibiotic class targeting high-priority pathogens in a One Health context**
Prof. Younes SMANI *Head of the Cellular Biology and Biotechnology Department - Andalusian Center for developmental Biology, Universidad Pablo de Olavide, Sevilla, Spain*
-
Prof. Volker SANDER *Medical Technology and Technomathematics, Applied Computer Science, Aachen, Germany*
- **Discussion** (15 minutes)

12h15 – 12H45
Hall

Coffee break & E-poster / Poster Viewing Session

12h45 – 14h30
Amphitheatre

PS 4
Plenary Session

Session Chairs: Prof. Latifa MOCHHOURY and Prof. Salmane BOURKADI

Session Reporter: Prof. Abdessamad DIDI

- **Simulation-based pedagogy and health engineering**
Prof. Ibtissam YOULYOUZ-MARFAK *Director of the School of Biotechnology, Euromed University of Fes, Morocco*
- **Toxicovigilance and Health Safety in a Transforming Health System: The Moroccan Experience**
Dr. Houda SEFIANI *Director of the Poison Control and Pharmacovigilance Center - Ministry of Health and Social Protection, Morocco*
- **Innovation as a Lever for Survival and Competitiveness in the Pharmaceutical Sector**
Dr. Mohammed Choukri BELKADI *Independent Administrator | Expert in Health Sovereignty & ESG, President of the Sustainable Development Committee for the Fez-Meknes Region, Board advisor - AMBS, Morocco*
- **Discussion** (15 minutes)

14h30 – 15h30

Lunch & Networking

AXE1: Public Health, Environment, and One Health Approach

ROOM 1

Moderators: Prof. Najlaa EL GOUAR et Pr. Faïçal EL HATTIMY

CO1-031. Lifestyle Factors and Digital Influences Associated with Overweight in Moroccan University Students

Mme Hiba BENCHEHIDA

CO1-032. Methods for Assessing Nutritional Habits in Youth Football Players: A Systematic Review

Mr Walid BOUZID

CO1-033. Nanotechnology for Water Health Protection: Removal of Emerging Contaminants Coupled with Environmental Risk Analysis

Mme Khadija EL MOUSTAQIM

CO1-034. Overcoming Tokophobia: A Systematic Review of Fear of Childbirth's Toll on Maternal and Neonatal Health

Mme Khadija MOUHTASSINE

CO1-035. Overview of medical waste production: Focus on hospitals in Fez and Meknes (2025)

Mme Zineb BENHADI

CO1-036. Parental Attitudes Toward Childhood Vaccination: A Descriptive Study on Vaccine Hesitancy in Berrechid, Morocco

Mme Fatimazohra MECHOUET

CO1-037. Perception and Knowledge of the Moroccan Population Regarding Robotic Surgery: Preliminary Results of a First National Cross-Sectional Study

Mr Hicham BLAAK

CO1-038. Pilot study: Evaluation of FODMAPs consumption in patients with IBS and healthy people in Hay Hassani provincial hospital

Mme Samar AL HETEILAH

CO1-039. Pregnancy-Associated Breast Cancer: Clinical Characteristics, Maternal-Fetal Outcomes, and Gaps in Knowledge, Attitudes, and Practices

Mme Fatima MAJYOUS

CO1-040. Prevalence and correlates of substance use among middle and high school students in Settat Province, Morocco

Mme Chaimaa EL MOUBCHIRI

CO1-041. Prevalence of dyslipidemia at the patients hospitalized in the Medicine Department Prevalence of dyslipidemia at the patients hospitalized in the Medicine Department

Mr Anoir RADI

CO1-042. Prevalence, Serotype Distribution and Antimicrobial Resistance of Non-Typhoidal Salmonella Isolated from Human Clinical Infections in Marrakech, Morocco (2018-2024)

Mme Hajar ELMOURABIT

CO1-043. Prevalence, Severity, and Associated Factors of Anemia among Pregnant Women Attending the Provincial Hospital of Taroudant, Morocco.

Mme Latifa GUALAHYANE

CO1-044. Promoting good practices in traditional herbal preparations

Mme Rania AFIFI

CO1-045. Psychosocial Correlates of Anxiety and Depression in Hemodialysis Patients in Morocco: A Cross-Sectional Analysis

Mme Amina AQUIL

AXE1: Public Health, Environment, and One Health Approach

ROOM 2

Moderators: Prof. Hasna ZAERIA et Prof. Hermann-Désiré LALLIE

CO1-046. The role of nutritional guides in women's health

Mme Naziha DOULFAKKAR

CO1-047. Seasonality of tuberculosis notifications in Morocco: An analysis of 6,613 cases over 11 years according to clinical form

Mr Ismail OUHAMMOU

CO1-048. Seroprevalence and Associated Factors of Hepatitis B, Hepatitis C, and Human Immunodeficiency Virus Among Haemodialysis Patients in Morocco

Mr Lahcen BIDARNE

CO1-049. Sleep disorders as predictive factors of high blood pressure

Mme Fatima Ezzahra KASMAOUI

CO1-050. Smart One Health Surveillance Systems for Early Detection of Zoonotic Diseases

Mme Kaoutar AALILOUCH

CO1-051. Spatial Analysis of Breast Cancer Cases at the University Hospital Center of Casablanca and the impact of travel distance on cancer stage

Mme Chaimaa ELATTABI

CO1-052. Sport-specific electrocardiographic patterns in Moroccan university athletes: a Seattle criteria-based cross-sectional study

Mr Younes BROUKI

CO1-053. Study of hematological profiles in a healthy adult population in the Souss-Massa region: preliminary results from the Agadir-Idaoutanane prefecture

Mme Mina AIT KADDOUR

CO1-054. Survey of surgical site infections at Peltier general hospital (Djibouti): risk factors and prevention practices

Mr Talal MOHAMED ABDOUL-LATIF

CO1-055. Scorpionism in arid areas: analysis and projection of cases in the province of Errachidia (Morocco)

Mme Yasmine MODRAK

CO1-056. The value of molecular cytogenetics or fluorescent in situ hybridization (FISH) in malignant blood disorders

Mme Hajar AZAMI IDRISSE

CO1-057. Evolutionary Profile of Multi-Drug Resistant (MDR) Bacteria in Intensive Care Units at Mohammed VI University Hospital of Marrakech: A Longitudinal Epidemiological Study (2022-2025)

Mr Mohamed IDABDELMAJID

CO1-058. To determine a specific and sensitive approach for the diagnosis, monitoring, and control of nosocomial urinary tract infections associated with indwelling catheters in intensive care: A narrative review

Mr Alaeddine LAKHRISSE

CO1-059. Type of BCR-ABL Transcript in CML, its correlation with Clinical and Biological Features
Mme Hajar AZAMI IDRISSE

CO1-060. Viral load suppression and associated factors among people living with HIV: A programmatic analysis from a multisite HIV program in Ivory Coast
Mr Hermann-désiré LALLIE

AXE2: Artificial Intelligence, Digital Transformation, and Cybersecurity in Health

ROOM 3

Moderators: Prof. Mustapha EL HANINE et Prof. Abdessamad DIDI

CO2-016. Data-Driven and Explainable Framework for Ankle Injury Risk Prediction in Clinical and Sports Settings
Mr Roumayssae ZOUHAIR

CO2-017. Digital Technologies and Management Control Systems in Healthcare: Managerial and Operational Challenges
Mme Wiaam EZAHRAOUI

CO2-018. Early identification of tuberculosis patients at risk of treatment non-adherence using machine learning: A regional study in Morocco
Mr Ahmed OUBAASRI

CO2-019. Exploring the Economic Potential of Mobile Health Applications in Morocco: A Digital Health Transformation Perspective
Mme Fatima Ezzahra YAKOUBI

CO2-020. From Telemedicine to Artificial Intelligence: Assessing Digital Maturity and Cybersecurity Readiness in a Moroccan University Hospital
Mme Amina AMOUDI

CO2-021. Generalizable Deep Learning for Thoracic CT Segmentation: A Multi-Input Self-Configuring Framework
Mr Achraf EL HAOUAT

CO2-022. Genetic Variability of CYP11B2 in Hypertension: Integrative Evidence and AI-Assisted Risk Modeling Perspectives
Mme Sofia SEMLALI

CO2-023. Integrating Artificial Intelligence into Bioinformatics Pipelines for Accelerated Drug Discovery

Mr Mohamed ET-TANJAOUY

CO2-024. Intelligent and Secure Medical Data Framework: Integrating Blockchain, Quantum Key Exchange, and Deep Learning
Mr Yassin ZAIYOUANE

CO2-025. Leveraging Artificial Intelligence in Pre-Anesthetic Consultations: Enhancing Decision-Making and Efficiency
Mr Mohamed BENFATAH

CO2-026. Medical AI in Morocco: Challenges of Healthcare Accessibility and Legal Regulation
Mme Btissam EL GUENNOURI

CO2-027. Multi-Label Arrhythmia Classification from Reduced-Lead ECG Using DWPT and Temporal Convolutional Networks
Mme Amal EL BEKKAOUI

CO2-028. Opportunities and Risks: The Impact of Artificial Intelligence on Healthcare Employees' Well-Being
Mme Rajae EL ARRAB

CO2-029. Predictive Detection of Catastrophic Health Expenditure via Explainable AI (XAI): Modeling Breakpoint Thresholds using XGBoost, SHAP Values, and CART Decision Trees
Mr Aazelarab BOUGHALEB

CO2-030. Towards a Digital Transformation of the Healthcare System in Morocco: A TOE Analysis of Electronic Health Records Implementation Status
Mme Jamila GARFAF

AXE3: Ethics, Governance, Sovereignty, and Health Policies

ROOM 4

Moderators: Prof. Mohammed Reda MESRADI et Prof. Mustapha KRIM

CO3-001. Digital marketing to enhance perceived performance in the public health sector: exploratory analysis of the Moroccan case
Mr Anass AIT CHIKH

CO3-002. Enhancing Public Hospital Performance in Morocco through Internal Contracting: Model Transfer and Appropriation Challenges
Mr Khalid EL OUAHMANI

CO3-003. Ethical Governance, Equity, and Health Policy Challenges in Mesenchymal Stromal Cell Therapy for Knee Osteoarthritis
Mme Siham DKHISSI

CO3-004. Financing the Moroccan Healthcare System in the Era of Universal Mandatory Health Insurance (AMO)
Mme Fatima Zahra BELLINE

CO3-005. Governance, endogenous innovation and heterogeneity of health actors: an evolutionary reading of health system performance
Mme Maria STARALLAH

CO3-006. Impact of internal employer branding on workforce retention in Morocco: A multicentric study
Mme Oumaima DRABNI

CO3-007. Impact of Quality of Life on employee retention in the Healthcare Sector: Evidence from the Guelmim-Oued Noun Region
Mme Fatima-zahra NAJIB

CO3-008. Leveraging Machine Learning to Assess Health Financial Protection: Macro-Structural Determinants of Out-of-Pocket Expenditures in Morocco
Mr Aazelarab BOUGHALEB

CO3-009. Media and COVID-19 in Morocco: Contributing to public awareness or infodemic?
Mme Houda BOUNJOUME

CO3-010. Occupational Risk Management and Financial Performance of Hospitals: A Systematic Literature Review and a Conceptual Framework
Mme Asma OUMGHAR

CO3-011. Policies, ethics, and governance of genomic data sharing: experience from the "Cytogenetics and molecular biology of malignant blood disorders" project at Hassan II University Hospital in Fez, Morocco
Mme Hajar AZAMI IDRISSE

CO3-012. Public-Private Collaboration within Territorial Health Groups: A Literature Review on Clinical Governance and Shared Medical Protocols
Mme Hind YAQINE

CO3-013. The evaluation process of the National Agency for Evaluation and Quality Assurance in Higher Education as a driver for improving the quality of medical education: the experience of the Faculty of Medicine and Pharmacy of Casablanca
Mme Hajar AKOURBAL

CO3-014. The Role of Agile Leadership in Enhancing Organizational Commitment and Job Performance among Moroccan Healthcare Workers: A Cross-Sectional Survey
Mr Abdellatif EL FAQIR

CO3-015. Towards a legal framework for medical liability in the era of artificial intelligence in Morocco
Mr Jalal DAHMANI

AXE6: Pedagogical Innovation in Health Sciences

AXE7: Medical Physics and Radiation Protection

ROOM 5

Moderators: Prof. Mohammed HILAL et Prof. Khalifa EL MANSOURI

CO6-008. The effect of the EpiNurseAI Mentor chatbot on epidemiology learning, engagement, and satisfaction among nursing students at ISPITS in Casablanca
Mme Wissam EL MACHTANI EL IDRISSE

CO6-009. The Impact of Generative Artificial Intelligence (ChatGPT) on Nursing Students' Learning, Engagement, and Satisfaction
Mme Asmaa AZHOUNE

CO6-010. The Impact of NANDA-I, NIC and NOC on Improving Nursing Practice Worldwide: A Systematic Review
Mme Fatimaezzahra FERNANE

CO7-001. Assessment and optimization of children's exposure levels in computed tomography at the Mohammed VI University Hospital Center in Marrakech
Mr Abdelaaziz BOULANOUAR

CO7-002. Determination of bowtie filter shape by using Optically Stimulated Luminescence (OSL) technology
Mr Walid ALLIOUI

CO7-003. DNA Strand Breaks Induced by Protons in Chromatin: Nanodosimetric Monte Carlo Simulations Using GATE
Mme Fatima Zahra EL HADRI

CO7-004. Dose and TERMA Calculation in a Reduced CT Phantom Using Monte Carlo Simulation of Varian Photon Beams
Mme Ilham AIT YAHYA

CO7-005. Dosimetric performance of the sulfamic acid/EPR system using a fabricated phantom in high-dose-rate brachytherapy
Mme Ghizlane BOUKHRIS

CO7-006. FLUKA Monte Carlo Simulations of Photon, Proton, and Carbon Ion Depth-Dose Profiles in Soft Tissue
Mme Fatima FRIOULI

CO7-007. Generative neural network-based few-view computed tomography images quality improvement
Mr Youssef ADIB

CO7-008. GSA Software for Gamma Spectrum Analysis (HPGe Detectors)
Mr Lahcen EL AMRI

CO7-009. Intrinsic Secondary Neutron Production Induced by Proton Pencil Beams in a Water Phantom: A GATE/Geant4 Monte Carlo Study
Mr Othmane KANOUCHE

CO7-010. Monte Carlo Simulation bay Gate/Geant4 of Source Reduction in a Gamma Knife System: Dosimetric and Radiation Protection Impact from 201 to 30 Sources
Mr Mbark FADIL

CO7-011. Monte Carlo simulation of the scatter fraction metric in Positron Emission Tomography
Mr Mahmoud EL KATIB

CO7-012. Monte Carlo simulation of the UMI550 Digital PET Scanner Using GATE: A Study of Different Radioisotopes
Mr Abdallah ELOUARIDI

AXE7: Medical Physics and Radiation Protection

AXE8: Biomedical Technology and IoT

ROOM 6

Moderators: Prof. Aissam LYAZIDI et Prof. Abdellah HALIMI

CO7-013. MRI-LINAC-Guided Online Adaptive Radiotherapy: Precision Gains, Margin Reduction, and Potential Impact on Tumor Control
Mr Abdelhalim NSSIRI

CO7-014. Python dose-planning examination of errors in VMAT treatments for larynx cancer
Mme Manal EL ASRI

CO8-001. Artificial Intelligence and Internet of Things in Blood Transportation: A PRISMA-Based Systematic Review
Mme Hajar SASSI

CO8-002. Biomedical Clinical Procedures for Intra-Articular Mesenchymal Stromal Cell Therapy in Knee Osteoarthritis
Mme Siham DKHISSI

CO8-003. Computational study of metal phthalocyanine complexes for toxic gas detection using DFT
Mr Ayoub BOUHDADI

CO8-004. Effect of Osteoporosis on Middle Ear Mechanics: A Finite Element Analysis
Mme Souad ELGHANAOU

CO8-005. Electromagnetic Compatibility of DC-DC Converters in Implantable Cardiac Pacemakers: Analysis and Mitigation Strategies
Mr Ali AIT SALIH

CO8-006. Fuzzy Logic-Based DC-DC Converter Control for Wearable SpO2 Monitor Power Optimization
Mr Ossama MAFHOUM

CO8-007. GMR spintronic sensors as advanced functional materials for early cancer detection: limitations of the ELISA method
Mme Ibtissam EL MANSOURI

CO8-008. Mitigating biomechanical mismatch in removable dentures using a computer aided design
Mme Chaima OUIJABA

FOR ON-LINES: Oral communications (Room 7)

Moderators: Pr. Samira JAOUHAR et Pr. Oumayma BOUAAZI

17h00 – 18h30
Breakout Rooms

WS 2
Workshop Session (Room 8)

▫ **Workshop: Laboratory activities – Organ Transplantation**

Prof. Abdelhamid LIACINI Director, Technical Supervisor & Clinical Consultant American Red Cross Histocompatibility Laboratory Services, Dedham, Philadelphia, USA

18h30 – 19h00
Amphitheatre

Closing Ceremony & Awards

- **Prof. Fatine HADRYA** General Secretary of the Moroccan Association of Health Sciences and Technologies (AMSTec) and Representative of the ISTAS26 Organizing Committee – ISSS, Settat

19h00 – 19h15
Hall

Coffee break & E-poster / Poster Viewing Session

21h30 – 00h30

Gala Diner
(Dress code: Traditional)

E-POSTERS & POSTERS

CA4-001. A case report of a 47 years old glioblastoma patient with multiple recurrences
Mme Oumaima BOUCHRA

CA4-002. African pharmacopoeia in the treatment of liver and metabolic diseases: A map of the evidence from 2020 to 2024
Mr Aboudramane Edouard BAMBA

CA4-003. Analytical Performance of Nanobody-Based Immunoassay and Immunosensing Platforms for Bacteria and Toxin Detection: A Systematic Review
Mme Aya JALIL

CA4-004. Anti-Obesity and Antioxidant Activity of Ziziphus jujuba (Mill.) Leaf Extract in Male Wistar Rats
Mr Marouane EL ARBAOUI

CA4-005. Assessment of patient safety culture among nurses in Djibouti: a multicentric study
Mr Kaiss SALEH

CA4-006. Breast Cancer Associated with Pregnancy: Clinical Features, Management Strategies, Maternal-Fetal Outcomes and Existing Evidence Gaps
Mme Fatima MAJYOUND

CA4-007. Contribution to the Establishment of Reference Intervals for Complete Blood Count Parameters in a Healthy Population in Taroudant Province, Morocco
Mme Latifa GUALAHYANE

CA4-008. Decoding Therapy Resistance in B-ALL: miRNA Networks and T-Cell Immunosuppression as Dual Predictive Signatures
Mme Rajae TAIBI

CA4-009. Delays and access to essential treatment along gynecological cancer care pathways in sub-Saharan Africa (2013-2025): a systematic review and narrative synthesis
Mr Moussa Ali ZAM-ZAM

CA4-010. Development of an HPLC-Affinity Chromatography Assay evaluating the Specificity and Neutralizing Capacity of a Monospecific Antivenom Against Moroccan Cerastes cerastes Venom
Mme Salma CHAKIR

CA4-011. Evaluation of the Anticancer Potential of Moroccan Naja haje Venom in Brain Tumor Cell Lines
Mme Salma CHAKIR

Mme Salma CHAKIR

CA4-012. Identification of Kupffer Cell miRNA-mRNA Networks Underlying Liver Fibrosis and Hepatocellular Carcinoma in a DEN-C14 Mouse Model
Mr Abdessamad HACHMI

CA4-013. Impact of Hormone Receptor Status on Chemotherapy Toxicity: A Retrospective Study
Mme Mariam SIDIBE

CA4-014. Inflamed yet aggressive immune-genomic phenotype in BRCA2-mutated triple-negative breast cancer: a case-based integrative analysis
Mme Amina ESSALIHI

CA4-015. Influence of Tumor Morphology on S-Value Calculations in Radiopharmaceutical Therapy: A Monte Carlo Study of Re-188 and Ac-225
Mme Youssra BEN LAZRAK

CA4-016. Integrated Proteomic and In Silico Structural Characterization of a Novel Chlorotoxin-Like Peptide from Androctonus mauritanicus Venom: Implications for Targeting Glioblastoma-Associated Ion Channel Complexes
Mr Reda CHAHIR

CA4-017. Is Medication Non-Adherence Still a Major Challenge in Type 2 Diabetes? Findings from a Cross-Sectional Study of 329 Patients
Mme Ibtisam HAIDAR

CA4-018. Natural UV-Protective and Anti-Aging Mycosporines from Ceramiales Red Algae
Mme Kaoutar BOUGADRA

CA4-019. Postnatal Growth of Moroccan Preterm Infants: Determinants of Incomplete Catch-Up and Z-Score Trajectories in a Middle-Income Country
Mme Latifa MOCHHOURY

CA4-020. Prevalence of irritable bowel syndrome: results of a cross-sectional study in Morocco
Mme Rim BENHIDA

CA4-021. Propofol Injection Speed and Hemodynamic Parameters: Results from a Randomized Study
Mr Abdelaziz MOUNIR

CA4-022. Review on hospital healthcare-associated infections in Africa: Cross-sectional analyses, hygiene perspectives, risk factors and prevention strategies
Mr Talal MOHAMED ABDOUL-LATIF

CA4-023. Skin Aging and Cannabis: An Emerging Approach in Anti-Aging Dermatology
Mr Amine ZOUBA

CA4-024. Study and characterisation of the alteration and devitrification of CaO-MoO₃-P₂O₅ bio-glasses for clinical applications
Mr Lahbib ABBAS

CA4-025. The role of PD-L1 in lung cancer: from biology to clinical application
Mr Hassan LAMGHARI

CA4-026. The Use of Medicinal Plants for the Management of Chronic Kidney Disease in Morocco
Mme Raouia SMAILI ALAOU

CA5-001. An exploratory study of the Moroccan version of the Mini Linguistic State Examination in primary progressive aphasia and dementia
Mme Ikram MOUMADI

CA5-002. Brain Networks Involved in the Cognitive and Emotional Modulation of Pain and Anxiety Experience
Mme Safae QOUBIDI

CA5-003. Goat Buttermilk: A Natural Ally for Brain Function and Weight Management
Mme Fatima-Zahra YASSIF

CA5-004. Neurocognitive Disorders Following Bacterial Meningitis: A Systematic Review of Cognitive Outcomes
Mme Rachida BOUBI

CA6-001. AI-Assisted Simulation in Critical Care: Enhancing Training and Clinical Decision-Making
Mme Safae QOUBIDI

CA6-002. Effects of Active Learning Strategies on Nursing Students' Soft Skills: Communication, Teamwork, and Stress Management
Mme Widad AZZOUZI

CA6-003. Exploring the Technological Pedagogical Content Knowledge (TPACK) of ISPITS Casablanca-Settat Teachers in AI-Enhanced Digital Formative Assessment
Mme Nihad EL MAHILI

CA6-004. Personalized 3D-Printed Hepatic Anatomical Models for Simulation of Hepatic Tumor Resection: Application to a Specific Clinical Case in Resource-Limited Hospitals
Mr Badreddine LABAKOUM

CA6-005. Simulation for assessment in nursing education: The example of Objective Structured Clinical Examination
Mr El Hassan ROUSSI

CA7-001. Assessment of Dose Distribution and Organ-at-Risk Exposure in VMAT Versus 3D-CRT for Right Breast Cancer
Mr Mohamed KHAIRAT ALLAH

CA7-002. Comprehensive Evaluation of Cumulative Imaging Dose and Optimization of IGRT Protocols Using Monte Carlo Simulation
Mme Nadia AITTAHSSAINT

CA7-003. Comprehensive Neutronic Study of a Single i-SMR Fuel Assembly: Burnup-Dependent Reactivity Coefficients, Power

Peaking, Fission Product Accumulation, and Effective Multiplication Factor Evolution
Mme Salma BOUANAN

CA7-004. Deep Learning-Based Image Analysis for Medical Physics: Performance Evaluation of a Robust CNN Architecture for Automated Diagnostic Support
Mme Kaoutar AL BAGHOURI

CA7-005. High-Linearity Calibration of Optically Stimulated Luminescent Dosimeters for Low-Dose Photon Beams
Mr Yassine AGUEZZOUMEN

CA7-006. Knowledge and practices regarding radiation protection among dentists in two Moroccan regions
Mr Ossama NABIH

CA7-007. Local Diagnostic Reference Levels (LDRLs) for Mammography Examinations in Morocco
Mme Hasnaa EL-KANDOUSSI

CA7-008. Organ Dose Assessment in Traumatology Radiography Using OSL Dosimeters
Mr Oualid WARIMEZGANE

CA7-009. Radiation protection in diagnostic radiology: Principles, challenges and recent advances
Mr Ayoub KHOUBBAZ

CA7-010. Radiobiology-Guided VMAT Radiotherapy optimization for Locally Advanced Cervical cancer: Impact of Arc Number and Control Points
Mme Ahlam AZALMAD

CA7-011. The Fast Track to Dose Optimization: Python OCR for Real-time DRLs in Interventional Radiology & Radioguided Surgery
Mr El Mahdi AHABCHANE