

A decorative background featuring a hexagonal grid pattern in the top corners, rendered in light blue and grey tones. The grid is composed of interconnected lines and dots, creating a molecular or crystalline structure.

SCIENTIFIC PROGRAM



- 08h00 Registration and online login
- 08h30 Inauguration: Pr. Akretche Djamel-Eddine: Rector of USTHB
Pr. Ouafi-Harchaoui Saïda: Dean of FSB
Pr. Charallah Salima: LRZA Head

FIRST DAY: JUNE 24TH 2023

 09H00-12H40

PLENARY SESSION: ETHICS AND WELFARE

MODERATORS: PR. S AOUICHAT, DR. D LEWIS and PR. S CHARALLAH

- 09h00 Education and training in laboratory animal science and ethics in Algeria: Achievements, challenge and prospects
A Benmouloud, S Charallah and F Khammar
- 09h30 Ethical review in North Africa, harmonisation and future development
O Souilem and A Benmouloud
- 10h00 Culture of care for research animal programs AAALAC program accreditation
C Pekow
- 10h30 Discussion/comfort break

MODERATORS: : PR. O SOUILEM, PR. C PEKOW and DR. A BENMOULOU

- 10h50 Enhancing the welfare of our research animals
D Lewis
- 11h20 Expérimentation animale et réglementation
S Aouichat
- 11h50 Apports, limites et contraintes de la culture cellulaire dans le contrôle de la qualité, recherche et développement des produits pharmaceutiques : la réalité que les antivivisectionnistes doivent connaître
H Chader
- 12h20 Discussion

ORAL COMMUNICATIONS SESSION

 13H40-14H30

TOPIC 1: ETHICS AND ANIMAL WELFARE

MODERATORS: PR. S PEKOW S., PR. O SOUILEM and PR S HAMMOUCHE

- 13h40 Understanding laboratory animal behavior
F Z Sakhri and A Sakhri
- 13h50 Modèle d'expertise et de pronostique des performances des vaches laitières
L Merdaci, S Morsli, M Zeghdoudi et L Aoun
- 14h00 Evaluation du bien-être de lapin par le protocole EBENE
A Benatallah, O Zenad et K Dekkiche
- 14h10 Evaluation multicritère du bien-être des brebis de la race Sicilo-Sarde en Tunisie
C Sdiri, I Ben Souf, H M'Hamdi, N Ben Braiek, S Dhaouadi et N M'Hamdi
- 14h20 The assessment of dairy sheep welfare: Towards a simplification
C Sdiri, I Ben Souf, M Chalbi, H M'Hamdi, N Ben Braiek, S Dhaouadi and N M'Hamdi
- 14h30 Discussion/comfort break



14H50-15H10 TOPIC 2 : GOOD PRACTICE IN ANIMAL EXPERIMENTATION

MODERATORS: DR. D LEWIS, DR S SOUAMES and DR R MENAD

- 14h50 Recherche scientifique et experimentation : Evaluation et prevention des risques
S Terkmani et F Laraba-Djebari
- 15h00 Wild desert rodents as animal models in biomedical research: Current insights and 3Rs applications
A Benmouloud, L kacimi, Y Zatra, N Aknoun-Sail, S Charallah, M Khaldoun, Z Amirat and F Khammar

15H10-16H00 TOPIC 3 : HARMONISATION & FUTURE DEVELOPMENTS IN AFRICA

MODERATORS: DR. D LEWIS, DR S SOUAMES and DR R MENAD

- 15h10 Production de serums thérapeutiques chez les chevaux en Algérie : Aspects vétérinaires et industriels
M L Saidani et K E Kerboua
- 15h20 Virus de la bluetongue chez les ruminants domestiques en Afrique : étude systématique et méta-analyse
B Medrouh, A Abdelli, S Belkessa, Y Quinten, M Brahimi, A Hakem, T Kernif, H Ziam
- 15h30 Discussion and closing first day

SECOND DAY: JUNE 25TH, 2023

09H00-12H40 PLENARY SESSION: MINIMISING HARMS AND ETHICAL REVIEW

MODERATORS: PR. Z HAMOULI, PR. PEKOW and PR. R RAACHE

- 09h00 Designing Reproducibility and Reliability into animal studies
D I Lewis
- 09h30 Anaesthesia, analgesia, Euthanasia, human and experimental endpoints
L F Martin
- 10h00 Increasing the reproducibility, reliability and translatability of the data from your research through focusing on animal welfare
D I Lewis
- 10h30 Discussion/comfort break

MODERATORS: PR. O SOULEM, D I LEWIS, A BENMOULOUD and DR M BELKHELFA

- 10h50 Culture of care for research animal programs
C Pekow
- 11h20 National guidelines for use of animals in research and teaching: Background and process for establishing guidelines in Uganda
L Mugisha
- 11h50 Development of ethics guidance
B J Mohr
- 12h20 Discussion
- 12h40 Lunch

ORAL COMMUNICATIONS SESSION

13H40-14H50 TOPIC 4 : ANIMAL MODELS RESEARCH AND HUMAN AND ANIMAL HEALTH

MODERATORS: PR. S AOUICHAT, PR O SOUILEM, PR L MAMINE and DR M BELKHELFA

- 13h40 Differences sexuelles dans l'immunolocalisation de la bêta-caténine au niveau du cortex surrénal chez le Mérion de Libye (*Meriones libycus*, Lichtenstein, 1823)
N Aknoun-Sail, Y Zatra, A Benmouloud, A Kheddache, S Charallah, A Martinez, F Khammar, M Khaldoun et Z Amirat
- 13h50 Exploring apoptosis in the sand rat epididymis: A valuable model for reproductive physiology studies
R Menad, S Smaï, T Gernigon Spychalowicz, E Moudilou and J M Exbrayat
- 14h00 Potential applications of thyroid hormone derivatives in obesity and type 2 diabetes: Focus on 3, 5-diiodothyronine (3, 5-t₂) in *Psammomys obesus* (fat sand rat) model
A Bouazza, A Bounihi, I Gouaref, H Saidi and E A Koceir
- 14h10 Effet de la lumière artificielle sur les caractères structuro-fonctionnels du foie chez un rongeur du désert *Gerbillus tarabuli* : Approche histo-cytologique et immunohistochimique
A Derbouz Rouibate, N Benhafri, A Dekar-Madoui, S Ouali, Hassenaoui
- 14h20 Expression et distribution des dystrophines et α 1-syn chez le rat soumis à un stress hydrique au niveau des noyaux supraoptiques
M Sifi, M Deliba, S Souttou, R Benabdesselam, and Mamine-Dorbani L
- 14h30 Discussion/comfort break

MODERATORS: PR C PEKOW, PR L MAMINE and PR. R RAACHE

- 14h40 Modèle animal «Alzheimer-like» : Mise au point et application thérapeutique
N Behairi, M Belkhefha et C Touil-Boukoffa
- 14h50 Experimental infection models of cutaneous leishmaniasis: For the discovery and screening of anti-leishmanial drugs: Optimization and quantitation
R Belkhefha-Slimani, F Tachini-Cottier and B Djerdjouri
- 15h00 Individual and combined toxicity effect of cadmium and lead exposure using wistar rat as an experimental animal model
H Medjedded and S Nemmiche

MODERATORS: PR T AIT-KETTOUT, PR D CHABANE, PR F CHERIFI and DR N AKNOUN

- 15h10 Acute anti-inflammatory study using croton oil induced ear edema in mice test of decoction extract of *Anabasis articulata*
Y Makhoulouf, A Bouaziz, N Benazi and S Khennouf
- 15h20 Evaluation des activités anti-inflammatoire, analgésique et antipyrétique in vivo d'extrait éthanolique des fleurs d'*Ammodaucus leucotrichus* L.
S Fetni, A Ouahab, N Bertella
- 15h30 Gastroprotective effect of *Cataegus laciniata* leaves against ethanol-induced Gastric ulcers in mice
N Saidene, R Kadi, R Bair, H Y Moussaoui, L Zaidi, N H Zidane, C Touahria, H Zoulikha, M Benloukil, F Yous, A Atia, S A Zaidi, N Debbache-Benaida, D Atmani-Kilani, D Atmani and N Chaher-Bazizi
- 15h40 Le scorpion : Un modèle expérimental probant pour la recherche translationnelle
K E Kerboua, S Lasla, F Keddouri et S Senouci
- 15h50 The use of a thrombotic mouse model on the evaluation of the anti-thrombotic effect of a new biomolecule purified from an ophidian venom with comparison to apixaban and rivaroxaban
N Saghour, F Cherifi, N Bekkari, L Laraba-Djebari
- 16h00 Discussion and closing Conference

MODERATORS: PR S CHARALLAH, PR S OUAFI, DR D LEWIS, PR O SOUILEM, PR C PEKOW and DR A BENMOULOUD