

# 16th International Days of Veterinary Sciences



## **CAMEL BREEDING :** **Preservation and new challenges**

**November  
16 & 17th, 2024**

**Topic 1 : Breeding systems and welfare**

**Topic 2 : Nutrition and diet**

**Topic 3 : Genetics and reproduction**

**Topic 4 : Diseases and prevention**

**Topic 5 : Valorization, hygiene  
and safety of camel products**



# PROGRAM



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# PROGRAM

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16th International Days of Veterinary Sciences  
November 16 & 17<sup>th</sup>, 2024

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Saturday, November 16<sup>th</sup>, 202408.00 – 09.00  
(GMT+1)**Participant Welcome and Registration****Opening of the 16<sup>th</sup> edition of International Days of Veterinary Sciences**09.00 – 09.30  
(GMT+1)Opening speech by the Director of ENSV, 16 JISV chair  
**Pr. Sonia BESSALEM****CONFERENCES***Location : Conference hall***PLENARY SESSION**President : Dr. BESSAS A. / Assessors : Pr. AÏSSI M. & Pr. BOUAYAD L.  
(in-person & online)09.30 – 09.50  
(GMT+1)**Conference 01 : Global discovery of prion disease in dromedary in Algeria****Découverte mondiale de la maladie à prion chez le  
dromadaire en Algérie****Pr. Babelhadj BAAISSA / In-person conference***École normale supérieure de Ouargla, Algeria.  
Laboratoire de protection des écosystèmes en zones arides et semi arides  
University Kasdi Merbah, Ouargla, Algeria.  
[babelhadjbaaissa@gmail.com](mailto:babelhadjbaaissa@gmail.com)*09.50 – 10.10  
(GMT+1)**Conference 02 : Role of dromedary camels in the emergence of infectious animal diseases****Dr. Rachid SELMI / Online conference***Ministère de la Défense Nationale, Direction Générale de la Santé Militaire.  
Centre Militaire de Médecine Vétérinaire, Tunis, Tunisia.**[selmiveto1983@gmail.com](mailto:selmiveto1983@gmail.com)*

**Conference 03 : Potential role of camels as the reservoir of the next coronavirus zoonotic pandemic****10.10 – 10.30  
(GMT+1)****Dr. Yahia CHEBLOUNE / In-person conference***PhD, HDR, Research Director INRAE, Director of PAVAL Lab., INRAE/UGA, France.*[ychebloune@inra.fr](mailto:ychebloune@inra.fr)[cheblouy@univ-grenoble-alpes.fr](mailto:cheblouy@univ-grenoble-alpes.fr)**Conference 04 : Main risk factors of *T. evansi* infection in camels: a review****10.30 – 10.50  
(GMT+1)****Dr. Bernard FAYE / Online conference***Emeritus researcher CIRAD.*[bjfaye50@gmail.com](mailto:bjfaye50@gmail.com)**Conference 05 : Is the elimination of camel *Trypanosoma evansi* infection (surra) feasible in North Africa ?****10.50 – 11.10  
(GMT+1)****Dr. SAZMAND Alireza / Online conference***Department of Pathobiology, Faculty of Veterinary Medicine, Bu-Ali Sina University, Hamedan 6517658978, Iran.*[alireza.sazmand@basu.ac.ir](mailto:alireza.sazmand@basu.ac.ir)**11.10 – 11.30****Debate****11.30 – 12.30****Visit the Posters****Visit an exhibition of Algerian camel products****12.30 – 13.30****Lunch break**



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**ORAL  
COMMUNICATIONS**

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**Session 1 : Breeding systems and welfare**

President : Pr. BAROUDI D./ Assessors : Dr. ZAOUANI M. &amp; LOUNES N.

*Location : Conference hall***Fieldwork report**

(in-person)

**13.30 – 13.40**  
(GMT+1)**Fieldwork report** : Current challenges and opportunities for camel farming in Algeria: incorporating environmental considerations into management of camel rangeland**Dr. BOUKHARI Wahiba***Université de Ouargla.**Direction des services agricoles de la wilaya d'Ouargla.*[boukharwahiba30@gmail.com](mailto:boukharwahiba30@gmail.com)**Conferences**

(online)

**13.40 – 14.00**  
(GMT+1)**Conference 06** : Welfare assessment in dromedary camels**Dr. Barbara PADALINO***Department of Agricultural and Food Sciences, University of Bologna, Bologna, Italy.**Faculty of Science and Engineering, Southern Cross University, Lismore, NSW, Australia*[barbara.padalino@unibo.it](mailto:barbara.padalino@unibo.it)**Oral communications**

(in-person &amp; online)

**Author & Affiliation****Title****14.00 – 14.10**  
(GMT+1)**Pr. Abd Elhakim SENOUSI / online**  
*Université de Ouargla*

Le camelin en Algérie : Un nouvel essor des systèmes d'élevage pour un nouveau sort de la filière

**14.10 – 14.20**  
(GMT+1)**Dr. Messaoud BOURAGBA / in-person**  
*Université de Djelfa*

Exploring the dromedary rearing situation in Algerian steppe region

**14.20 – 14.30**  
(GMT+1)**Dr. Amel BENATALLAH / in-person**  
*ENSV, Alger*

Evaluation du bien-être du dromadaire sur l'aspect santé dans quelques élevages du sud d'Algérie

**14.30 – 14.40**  
(GMT+1)**Wassim DAHMANI / in-person**  
*ENSV, Alger*

Protecting camels in Algeria: between tradition and innovation

**14.40 – 14.50**  
(GMT+1)**Dr. Derradji HAREK / in-person**  
*INRAA, Alger*

The diversity of camel farming systems in the Hoggar region (Southern Algeria)

**14.50 – 15.10****Debate****15.10 – 15.30****Coffee break**

**Session 2 : Nutrition and diet**

President : Dr. BERRAMA Z. / Assessors : Dr. HANI F.A. &amp; Dr. REMICHI H.

*Location : Conference hall***Conferences**

(in-person &amp; online)

**15.30 – 15.50****Conference 07 :** Camel's genetic potential as future dairy animals in the context of climate change**Dr. Abdul Raziq KAKAR / Online conference***Sr. Production Manager, Alwathba Camel Farm Masakin, Alain farms for livestock production Alain, Abu Dhabi, UAE.*[raziq2007@gmail.com](mailto:raziq2007@gmail.com)**15.50 – 16.10  
(GMT+1)****Conference 08 :** The dromedary and its Saharan floral resources : Valorisation, preservation and regeneration**Pr. Abdelmadjid CHEHMA / In-person conference***Laboratoire de bioressources sahariennes. Préservation et valorisation. Faculté SNV. Université Kasdi Merbah Ouargla. Algérie.*[chhma.abdelmadjid@univ-ouargla.dz](mailto:chhma.abdelmadjid@univ-ouargla.dz)**Oral communications**

(online)

**Author & Affiliation****Title****16.10 – 16.20  
(GMT+1)****Ahmed Abuzaid AMAN***Animal and Poultry Nutrition Department,  
Desert Research Center, Cairo, Egypt***The use of halophytic plants for camel feeding in El-Shalatein****Session 3 : Genetics and reproduction**

President : Pr. TENNAH S. / Assessors : Pr. SOUAMES S. &amp; Pr. MIMOUNE N.

*Location : Amphi A***Conferences**

(in-person)

**13.30 – 13.50  
(GMT+1)****Conference 09 :** Insight into the genetic diversity of the Arabian Peninsula camel populations**Dr. Faisal Saleh ALMATHEN***Department of Public Health, College of Veterinary Medicine, Camel Research Center, King Faisal University, Al-Hofuf, Saudi Arabia.*[falmathen@kfu.edu.sa](mailto:falmathen@kfu.edu.sa)



13.50 – 14.10  
(GMT+1)**Conference 10** : Factors influencing reproductive traits in Algerian dromedary camels**Pr. Mohamed Hocine BENAÏSSA***Scientific and Technical Research Centre for Arid Areas (CRSTRA),  
Biophysical Station, Nezla, Touggourt, Algeria.*[ben.medhocine@gmail.com](mailto:ben.medhocine@gmail.com)**Oral communications**

(in-person)

**Author & Affiliation****Title**14.10 – 14.20  
(GMT+1)**Dr. Derradji HAREK***INRAA, Alger*Genetic diversity and structure of Algerian's camel population "Tergui" (*Camelus dromedarius*) by morphological characters in Tamanrasset region14.20 – 14.30  
(GMT+1)**FETTATA SAÏD***Private Veterinary doctor,  
Independent Researcher, Ghardaïa*

Reproductive disorders in Camels: case reports

14.30 – 14.40  
(GMT+1)**Dr. Rabah KELANEMER***Institute of Veterinary Sciences, Saad  
Dahlab Blida*

Study and identification of the uterine bacterial flora of the camel during the postpartum period

14.40 – 14.50  
(GMT+1)**Fatima zohra BOUDIB***Institute of Veterinary Sciences, Saad  
Dahlab University, Blida*Variation de la Cinétique hormonale (œstrogènes et progestérone) au cours du cycle œstral chez la chamelle (*Camelus dromedarius*)

14.50 – 15.10

**Debate**

15.10 – 15.30

**Coffee break****Session 4 : Diseases and prevention**

President : Dr. TAÏBI M. / Assessors : Pr. BOUKHORS K. T. &amp; Pr. AZZAG N.

*Location : Amphi A***Conferences**

(in-person)

15.30 – 15.50  
(GMT+1)**Conference 11** : Particularités cardiovasculaires et ophtalmologiques chez le dromadaire (*Camelus dromaderus*) et conséquences pathologiques**Pr. Ahmed CHABCHOUB***Professeur Médecine Interne. Ecole nationale de médecine Vétérinaire.  
Sidi-Thabet, Tunisie.*[chabchoubahmed2009@yahoo.fr](mailto:chabchoubahmed2009@yahoo.fr)

**Oral communications**

(in-person)



	Author & Affiliation	Title
15.50 – 16.00 (GMT+1)	<b>Pr. Amina BOUTELLIS</b> <i>Université Houari Boumediene Bab Ezzouar, Alger</i>	Molecular characterization of <i>Trypanosoma evansi</i> in Dromedary Camels from Algeria
16.00 – 16.10 (GMT+1)	<b>Dr. Housseem SAMARI</b> <i>Université Mohamed Boudiaf, M'sila</i>	Etude moléculaire d' <i>E. granulosus</i> sensu lato chez le dromadaire ( <i>Camelus dromedarius</i> ) dans l'extrême Sahara Algérien
16.10 – 16.20 (GMT+1)	<b>Pr. Faiza MARNICHE</b> <i>ENSV, Alger</i>	Prevalence and abundance of parasites gastrointestinal in Camelins in the El-Oued region (Algeria)
16.20 – 16.30 (GMT+1)	<b>Dr. Djaleddine RAHMOUN</b> <i>Université de SoukAhras</i>	Histopathological study of the dromedary camel after infection with covid 19
16.30 – 16.40 (GMT+1)	<b>Anes ALLOUNE</b> <i>ENSV, Alger</i>	Harnessing artificial intelligence for the prevention and management of zoonotic diseases in camels: innovations and impacts
16.40 – 17.00	<b>Debate</b>	
17.00 – 18.00	<b>Visit the Posters</b>	

Sunday, November 17<sup>th</sup>, 2024**Session 5 : Valorization, hygiene and safety of camel products**


President : Dr. AINOUZ L. / Assessors : Dr. BOUHAMED R.&amp; Pr. BENAISSA H.M.

*Location : Conference hall***Conferences**

(in-person &amp; online)

09.00 – 09.20 (GMT+1)	<b>Conference 12 : Health benefits and functional properties of camel milk</b> <b>Dr. Ahmed SEIOUDY / In-person conference</b> <i>Assistant Researcher, Animal Production Research Institute, Agricultural Research Center, Giza, Egypt.</i> <a href="mailto:ahmedseioudy@gmail.com">ahmedseioudy@gmail.com</a>	
09.20 – 09.40 (GMT+1)	<b>Conference 13 : The use of a milking machine is key to producing high-quality and safe camel milk for human consumption</b> <b>Dr. Shehadeh KASKOUS / Online conference</b> <i>Animal Production Department, Faculty of Agriculture, Damascus University, Damascus, Syria. Expert in milking and milk production, Department of Research and Development, Siliconform, Schelmengriesstrasse 1, 86842 Türkheim, Germany.</i> <a href="mailto:shehadeh.kaskous@yahoo.de">shehadeh.kaskous@yahoo.de</a>	

### Oral communications (in-person & online)

	Author & Affiliation	Title
09.40 – 09.50 (GMT+1)	<b>Dr. Derradji HAREK / in-person</b> <i>INRAA, Alger</i>	Milk production potential assessments: Case of Tergui she-camels in Tamanrasset Region
09.50 – 10.00 (GMT+1)	<b>Dr. Abderrahmen BOUBEKEUR / online</b> <i>Higher School of Saharan Agriculture, Adrar</i>	Physicochemical characterization and organoleptic evaluation of camel milk marketed in the Timimoun region
10.00 – 10.15	<b>Debate</b>	
10.15 – 10.30	<b>Coffee break</b>	
10.30 – 10.40 (GMT+1)	<b>Djlali Seghir MORSLI / online</b> <i>Higher School of Biological Sciences of Oran</i>	Exploring the Protein Profile of Camel Milk from El Abiodh Sidi Cheikh region, El Bayadh
10.40 – 10.50 (GMT+1)	<b>Dr. Hanane SMILI / online</b> <i>Université Frères Mentouri, Constantine</i>	Dromedary meat: future prospects and potential
10.50 – 11.00 (GMT+1)	<b>Pr. Djamel DJENANE / in-person</b> <i>University Mouloud MAMMERI, Tizi-Ouzou</i>	Innovative functional Merguez made with <i>Spirulina platensis</i> as a natural additive using camel meat
11.00 – 11.10 (GMT+1)	<b>Dr. Meryem GUESSOUM / in-person</b> <i>ENSV, Alger</i>	Investigating <i>Campylobacter</i> and <i>Staphylococcus aureus</i> in camel meat and feces: prevalence, isolation, and antimicrobial resistance in southern Algeria
11.10 – 11.30	<b>Debate</b>	
11.30 – 12.00	<b>Conclusions and Recommendations - Closing the event</b>	
12.00 – 13.00	<b>Lunch break</b>	
13.00 – 14.00	<b>Visit the Posters</b>	

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