

République Algérienne Démocratique et Populaire

Ministère de l'Enseignement Supérieur et de la Recherche Scientifique



Université Constantine 1
Institut des Sciences Vétérinaires



**Laboratoire de Recherche Gestion
de la Santé et Productions Animales**



X^{ème} SIMV

10th International Seminar of Veterinary Medicine



Camelids in Algeria and Maghreb

*"Main challenges and strategies
for sustainable development »*

20 & 21 December 2022



Institut des Sciences Vétérinaires

PROGRAM

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Pr. Benchohra CHOUL

Rector of Université Constantine 1

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Pr. El-Hacene BERERHI, Director of the Institute of Veterinary Sciences, El-Khroub

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Université Constantine 1
Institut des Sciences Vétérinaires

Laboratoire de Recherche Gestion
de la Santé et Productions Animales



Seminar Program

Tuesday 20th December 2022

8:00 am - 9:00 am	Welcome reception and registration of speakers and participants
9:00 am - 9:30 am	OPENING CEREMONY/ INAUGURAL ADDRESS -Pr. Benchohra CHOUL -Pr. El-Hacene BERERHI
PLENARY CONFERENCE	
9:30 am - 9:50 am	Pr. Hakim SENOUSSE (University of Ouargla, Algeria) The camel in Algeria: animal of the past, present and future: what is the scope of farming systems?
9:50 am - 10:20 am	COFFEE BREAK STAND VISIT
PLENARY SESSION	
MODERATORS : Pr. O. BOUAZIZ, Pr. A. MEKROUD, Pr. M. KERROUR.	
10:20 am - 12:00 am	Pr. Bernard FAYE (France) Current status and prospects of the cameline economy in the 21st Century
	Pr. Djamel DJENANE (University of Tizi-Ouzou, Algeria) Quality of camel meat and its potential for the development of sustainable food systems
	Dr. Mohammed GAGAOUA (INRAE, Rennes, France) Current and emerging tools to improve the quality of fresh camel meat : The potential of OMICs and artificial tenderization methods
	Pr. Touhami KHORCHANI (IRA Médenine, Tunisia) What are the impacts of new camel skin and hair treatment processes on the future development of their sectors?
12:00 am - 12:20 am	CAMELMILK project
12:20 am - 12:35 am	DEBATE
12:35 am - 2:00 pm	LUNCH

Tuesday 20th December 2022

TOPIC 2 Dromedary productions and products & TOPIC 4 Dromedary economy and sustainability	
CONFERENCES	
MODERATORS : Pr. T. KHORCHANI, Pr. H. SENOUSI., Pr. D. DJENANE.	
2:00 pm - 2:15 pm	Pr. A. CHAHMA (University of Ouargla, Algeria) Place of the dromedary in the ecological balance of its saharan ecosystem
2:15 pm - 2:30 pm	Dr. N. MOULA (University of Liège, Belgium) Camel breeding in Algeria
2:30 pm - 2:45 pm	Dr. M. ATIGUI (Agriculture school, Mateur, Tunisia) Use of Lactocorder® to evaluate milking performance in dairy camels
2:45 pm - 3:00 pm	DEBATE
3:00 pm - 3:30 pm	COFFEE BREAK
TOPIC 2 Dromedary productions and products & TOPIC 4 Dromedary economy and sustainability	
CONFERENCES	
MODERATORS : Pr. M.C. BENCHIKH EL-FEGOUN., Pr. S.B.S. GAOUAR., Dr. N. MOULA.	
3:30 pm - 3:45 pm	Mme. M. BRAHMI (Agriculture school, Mateur, Tunisia) Measurement of teat tissue reaction to machine milking in dairy camels: preliminary results
3:45 pm - 4:00 pm	Dr. A. SBOUI (IRA Médenine, Tunisia) Improvement of the clotting ability of camel Milk: use of Enzymatic extract of the kaolin layer of the chicken Gizzard
4:00 pm - 4:15 pm	Dr. I. FGUIRI (IRA Médenine, Tunisia) Camel milk cheese: optimization of processing condition using protease from pineapple fruit
4:15 pm - 4:30 pm	Mme. M. LAMRI (University of Tizi-Ouzou, Algeria) Frequency of camel meat consumption in Kabylia region (Bejaia, Bouira & Tizi-Ouzou) in Algeria compared to goat, lamb, beef, horse and chicken: results of an online survey
4:30 pm - 4:45 pm	Dr. M. KANOUN (INRA Djelfa, Algeria) Social and economic advantages of camel hair valorization. Case of the Ouabar Aiguiga in the Djelfa region
4:45 pm - 5:00 pm	DEBATE

<p>TOPIC 1 Dromedary biology & TOPIC 3 Dromedary and health</p>	
<p>PLENARY & CONFERENCES</p>	
<p>MODERATORS : Pr. L. BENHAMZA., Pr. A. CHAHMA., Pr. F.Z. KAYOUECHE.</p>	
<p>PLENARY SESSION</p>	
<p>9:00 a m - 9:20 a m</p>	<p>Pr. Semir Bechir Suheil GAOUAR (University of Tlemcen, Algeria) Camel genetics and biodiversity</p>
<p>CONFERENCES</p>	
<p>9:20 a m - 9:35 a m</p>	<p>Dr. D. HAREK (INRA Algiers, Algeria) Comparative study of the phenotypic and molecular genetic diversity of the "Tergui" Camel population in the Hoggar region (South Algeria)</p>
<p>9:35 p m - 9:50 p m</p>	<p>Dr. M.M. SEDDIK (IRA Médenine, Tunisia) Teeth follow-up throughout the life of the dromedary: Zootechnical & veterinary importance</p>
<p>9:50 p m - 10:05 p m</p>	<p>Dr. M. BEN REJEB (IRA Médenine, Tunisia) Prediction of the chemical composition of camel faeces by near infrared spectroscopy</p>
<p>10:05 p m - 10:20 p m</p>	<p>DEBATE</p>
<p>10:20 p m - 10:50 p m</p>	<p>COFFEE BREAK</p>
<p>CONFERENCES</p>	
<p>MODERATORS : F. TEKKOUK., Pr. R. ELGROUD., Dr. H. AGGAD.</p>	
<p>10:50 p m - 11:05 p m</p>	<p>Pr. M.C. BENCHIKH EI FEGOUN (Université Constantine 1, ISVK, Algeria) Cystic Echinococcosis in Algeria: the Role of Camels as Reservoirs in the Dynamics of Transmission of <i>Echinococcus granulosus</i> to Humans via Dogs</p>
<p>11:05 p m - 11:20 p m</p>	<p>Pr. K. KOHIL (Université Constantine 1, ISVK, Algeria) Study of the hard tick <i>Hyalomma dromedarii</i> (Arthropoda, Ixodidae) in camels in southern Algeria</p>
<p>11:20 p m - 11:35 p m</p>	<p>Dr. O. AYADI (University of Setif, Algeria) Prevalence of Trypanosomiasis in camels in the wilaya of Tamanrasset</p>
<p>11:35 p m - 11:50 p m</p>	<p>Dr. R. SAIDI (University of Laghouat, Algeria) Some mosquito-borne virus infections in dromedary camels in Algeria : Akabane, Bluetongue and Schmallenberg viruses</p>
<p>11:50 p m - 12:05 p m</p>	<p>Pr. A. AGABOU (Université Constantine 1, ISVK, Algeria) Nasal carriage of <i>S. aureus</i> in dromedary camels in southern Algeria</p>
<p>12:05 p m - 12:20 p m</p>	<p>Dr. B. BABELHADJ (ENS, Ouargla, Algeria) Discovery of a prion disease in dromedary</p>
<p>12:20 p m - 12:35 p m</p>	<p>DEBATE</p>
<p>12:35 p m - 13:05 p m</p>	<p>CLOSING CEREMONY & RECOMMANDATIONS</p>
<p>13:05 p m</p>	<p>LUNCH</p>
<p>WORKSHOPS</p>	

POSTERS SESSION

Tuesday 20th December 2022

TOPIC 2

Dromedary productions and products
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TOPIC 4

Dromedary economy and sustainability

2:00 pm - 3:00 pm

MODERATORS : Pr. K. KOHIL., Pr. A. TITI., Pr. N. LAKHDARA., Pr. A.L. DIB.

1	Dr. S. BOUKHECHEM (Université Constantine 1, ISVK, Algeria) Breeding and nutrition of camels in Algeria
2	Dr. K. LAKHDARI (Centre de recherche scientifique et technique des régions arides, Algeria) Seasonal variations of intake in males camels on arid rangelands Of Algeria
3	Dr. H. BEDDA (ENS Ouargla, Algeria) Dairy camel farming systems in Algerian Northern Sahara, Mutations or development strategies
4	Dr. A. DAHMANE (ENSV, Algiers, Algeria) Pathological constraints to camel breeding development, oestrosis and urolithiasis
5	M. A. REDJEB (University of Ouargla, Algeria) Camel hides in the Algerian northern Sahara: Production, marketing and utilization
6	Mme. L. ADDAR (University of Tizi Ouzou, Algeria) Effect of pancreatic enzymes on tyrosinase inhibitory activity of camel α S-casein
7	Dr. L. KADJA (Université Constantine 1, ISVK, Algeria) The use of natural product "camel milk" against hyperglycemia
8	Dr. H. BENYEZZAR (Université Constantine 1, ISVK, Algeria) The suitability of camel milk for cheese processing
9	Dr. D. GHERROUCHA (Université Constantine 1, ISVK, Algeria) Ability to process camel milk into cheese and butter
10	Dr. H. BOUGHERARA (Université Constantine 1, ISVK, Algeria) Valorisation of camel meat and meat products
11	Mme. Y. RAHMANI (University of Ouargla, Algeria) Dried camel meat (<i>Camelus dromedarius</i>) and their contribution to food safety
12	Mme. S. ARROUM (IRA Médenine, Tunisia) Technological aspects of lactic acid bacteria isolated from camel, goat and cow kefir

POSTERS SESSION

Wednesday 21st December 2022

TOPIC 1

Dromedary biology

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TOPIC 3

Dromedary and health

9:00 am - 10:00 am

MODERATORS : Pr. S. BOUSSENA., Pr. S. HIRECHE., Pr. A. AGABOU., Dr. F. RIACHI.,
Dr. H. DJAALAB., Dr. H. BOUGHERERA., Dr. S. BOUKHECHEM., Dr. S. DJEFFAL.

1	Dr. R. ARIECH (Ens Ouargla, Algeria) Biometrical and morphological measurement of dromedary of the Algerian Naili population or camel of the steppe (<i>Camelus dromedarius</i> L 1758)
2	M. E. OUDINI (University of Ouargla, Algeria) Osteometry of Young Adult Dromedary Metapods: Case of the Algerian Population Reguibi (<i>Camelus dromedarius</i> Line, 1758)
3	Dr. M. BOUKERROU (Université Constantine 1, ISVK, Algeria) Principal anatomy particularities in dromedary comparing to ox: digestive and respiratory systems
4	Dr. M. DIB (University of Ouargla, Algeria) Approche ostéo-Crâniométrique des mâles de dromadaire (<i>Camelus dromedarius</i> , L, 1758): cas de la région de Ouargla
5	Dr. R. RIDOUH (Université Constantine 1, ISVK, Algeria) Diaphragm bone in Dromedary (<i>Camelus dromedarius</i> L.,1758). Anatomy and Investigation by Computer Tomography Imaging (Ct Scan)
6	Dr. S. FETTATA (Veterinarian Doctor) La reproduction des camélidés/ quelques cas du terrain (césarienne, rétention placentaire, prolapsus utérin et vaginal, glossaire des termes d'âge des camélidés nomades arabes)
7	Dr. R. KELANEMER (Université Blida 1, Algeria) Histological variations of the uterine mucosa during the post-partum in the camel (<i>Camelus dromedarius</i>)
8	Dr. N. MIMOUNE (ENSV, Algiers, Algeria) Ovarian cysts in camels and cattle in Algeria: Similarities and differences
9	Dr. S. LEZZOUM-ATEK (Université Alger 1, Algeria) Assessment of contamination of raw camel milk by <i>Listeria spp.</i> and <i>Staphylococcus spp.</i>
10	Dr. M. MEBARKI (Université Batna 1, Algeria) A preliminary study of mastitis pathogens in She-Camels (<i>Camelus dromedarius</i>)

POSTERS SESSION

Wednesday 21st December 2022

TOPIC 1

Dromedary biology

&

TOPIC 3

Dromedary and health

11	Dr. B. BOUCHOUCHA (Université Constantine 1, ISVK, Algeria) Comparison of the CMT test results carried out on Camels and Bovines
12	Dr. N. HADJAB (Veterinarian doctor) Study of various reasons for seizures of meat and red offal of camels in the slaughtering establishments of the wilaya of Adrar
13	Dr. M. BOUZENZANA (Université Constantine 1, ISVK, Algeria) Main raisons for the seizure of meat and offal in the slaughterhouses in the region of Adrar (Algeria)
14	Dr. R. BOUKERT (Université Blida 1, Algeria) Bacteriological diagnosis of lesions suspected of camel tuberculosis in three slaughterhouses in the south of Algeria
15	Dr. M.A. FARES (Institute of agronomy and veterinarian sciences, Taoura, Algeria) Cytological and immunohistochemical study of the dromedary lymph nodes in Algeria
16	Dr. H. SAMARI (ENSV, Algiers, Algeria) Frequency of hydatid cyst cases in dromedary camel at the slaughterhouse of Tindouf, Southern Algeria
17	Dr. H. BENMEBAREK (Université Constantine 1, ISVK, Algeria) Dromedary Hydatidosis
18	Dr. I. BOUASLA (Université Constantine 1, ISVK, Algeria) Gastrointestinal parasites infestation of dromedary camel (<i>Camelus dromedarius</i>) in southern Algeria
19	Dr. K. BENFODIL (ENSV, Algiers, Algeria) Comparison of serological and molecular tests for detection of <i>Trypanosoma evansi</i> in camels from Ghardaïa district, South Algeria
20	Dr. D. HAZIL (University of Boumerdes, Algeria) Trypanosomiasis caused by <i>Trypanosoma evansi</i> in the Laghouat region
21	Dr. N. REGHAISSIA (ENSV, Algiers, Algeria) Morphological identification tick species infesting dromedary camel in the steppe region of Djelfa, Algeria



X^{ème}

SÉMINAIRE INTERNATIONAL DE MÉDECINE VÉTÉRINAIRE

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