



**Laboratory of Life Sciences and Living Techniques (LSTV); Institute of Agronomic and Veterinary Sciences, Mohammed Cherif Messaïdia university- Souk-Ahras. Algeria.**

**1st International hybrid seminar on  
Camel Infectious Diseases under One Health  
Concept  
May.17-18.2025  
Program**





# Program

## 1ST INTERNATIONAL HYBRID SEMINAR ON CAMEL INFECTIOUS DISEASES UNDER ONE HEALTH CONCEPT SCHEDULE

17th May 2025.

9:00 - 10:00

Opening ceremony; Welcome by CIDOHC chair . Opening  
Remarks by SoukAhras university rector.  
Registration Link: [meet.google.com/pmg-djvb-qdr](https://meet.google.com/pmg-djvb-qdr)

10:00 - 12:30

Plenary session  
Registration: [meet.google.com/pmg-djvb-qdr](https://meet.google.com/pmg-djvb-qdr)

Session chairs: Prof KHENENOU Tarek, Prof BAROUDI Djamel & Dr Morsli  
AMIROUCHE

10:00 - 10:30

**Prof PANAGIOTIS Karanis:** "Neglected parasitic and  
emerging parasitic diseases"

10:30 - 11:00

BREAK

11:00 - 11:30

**Prof Laatamna Abdelkarim:** Parasitic infections in  
dromedary camel in Algeria: current data and needed  
future studies

11:30 - 12:00

**Prof SAZMAND Alireza :** Zoonotic parasites of dromedary  
camels

11:45 - 12:00

Debat

12:00- 13:30

LUNCH BREAK

Parallel Oral Session I  
Epidemiology of Infectious diseases in camels under one health concept.  
Registration Link : [meet.google.com/pmg-djvb-qdr](https://meet.google.com/pmg-djvb-qdr)

13:30- 14:10		CHAIR: DR GHERISSI DJALLAL Edine & DR BENFODIL karima & DR BERGHICHE Amine	
13:30-13:36	P R E S E N T A T I O N S	BOUKERT Razika	Epidemiological study on circulating strains of <i>Mycobacterium bovis</i> in camels ( <i>Camelus dromedarius</i> ) in southern Algeria
13:36-13:42		SAOULI Fathia	Impact of trypanosomosis and other factors on dromedary abortion rates: an overview of survey data
13:42-13:48		MAMMERI Adel	Dominant Pathologies in Peri-urban Camel Breeding in the Region of Biskra: Prevention and Therapy Methods.
13:48-13:54		DADDA Anes	Contribution to the study of cryptosporidiosis in dromedaries in the south-eastern Algerian region
13:54-14:00		REGHAISSI A Nassiba	Occurrence of hydatid cysts in <i>Camelus dromedarius</i> at the slaughterhouse of Tindouf, Southern Algeria
14:00-14:10	Debat		
Parallel Oral Session II Zoonotic impact of pathogens infecting camels Registration Link : <a href="https://meet.google.com/pmg-djvb-qdr">meet.google.com/pmg-djvb-qdr</a>			

14:10- 14:40		CHAIR: Dr GUOUASSMIA Yacine & Dr MAATALLAH Faouzi, Dr SAIDJ Dahia	
14:10-14:16	P R E S E N T A T I O N S	SAMMARI Housseem	Molecular characterization of <i>Echinococcus granulosus</i> sensu lato genotypes in dromedary camels from extreme Sahara of Algeria based on analysis of nad2 and nad5 genetic markers
14:16-14:22		MAXAMHUD Sadiya	Molecular Detection of Zoonotic Intestinal Parasites in Dromedary Camels ( <i>Camelus dromedarius</i> ) in Algeria
14:22-14:28		Baroudi Djamel	Divergent <i>Cryptosporidium parvum</i> subtype and Enterocytozoon bienersi genotypes in dromedary camels in Algeria
14:28-14:34		DADDA Anes	Molecular detection of bacteria involved in camel mastitis in south-eastern of Algeria
14:34-14:40	Debat		
<div>Parallel Oral Session III</div> <div>Vectors and vectors borne diseases in camels</div> <div>Registration Link : <a href="https://meet.google.com/pmg-djvb-qdr">meet.google.com/pmg-djvb-qdr</a></div>			
14:40- 15:15		Chair: Dr TAMANDJARI Sofiane, Dr SALHI Omar & Dr BOUTALEB Hinda-	
14:40-14:46		BOUASLA Ilyes	Séroprévalence de la trypanosomose chez l'espèce cameline dans les régions du nord Sahara Algérien
14:46-14:52		BENFODIL KARIMA	Prediction of <i>Trypanosoma evansi</i> infection in dromedaries using ANN methods

14:52-14:58	GUIDOUM Khaled Azzeddine	Widespread seropositivity to CCHFV in dromedaries ( <i>camelus dromedarius</i> ) from desertic regions (Algeria)
14:58-15:04	LAATAMNA Abdelkarim	Morphological identification of tick species infesting dromedary camel in the steppe region of Djelfa, Algeria.
15:04-15:09	KOUIDRI Moukhtaria	Espèces de tiques Ixodidae des dromadaires du sud algérien
15:09-15:15	Debat	
<p><b>E-Poster session</b></p> <p>Epidemiology of Infectious diseases in camels under one health concept.</p> <p>Registration Link : <a href="https://meet.google.com/fzm-kwvd-uob">meet.google.com/fzm-kwvd-uob</a></p>		
13:30- 13:45	Chair: Dr RAHAL OURIDA & Dr LAGHOUATI Amel	
MOHAMED CHERIF Abdellah	Prevalence of <i>Toxoplasma gondii</i> Infection in Dromedaries and Identification of Associated Risk Factors in Southeastern Algeria	
MEKROUD Meriem	Study of the seroprevalence of camel Q fever in the northern Algerian Sahara	
ANSEL Samir	Étude épidémiologique de la fièvre Q à <i>Coxiella brunetti</i> chez diverses espèces animale en Algérie	
BELLIL Zahra	Antimicrobial resistance and genomic investigation of non-typhoidal <i>Salmonella</i> isolated from different sources, One Health	

<b>SALHI Omar</b>	<b>Epidemiological survey of the main infectious diseases that can affect dromedaries</b>
<b>BETATACHE Bouchra</b>	<b>Camel Cryptosporidiosis in Laghouat region</b>
<b>ZIAD Sabrina</b>	<b>Effect of water-borne infections on camel health</b>
<b>Parallel E-Poster session II</b> <b>Zoonotic impact of pathogenes infecting camels.</b> <b>Registration Link : <a href="https://meet.google.com/fzm-kwvd-uob">meet.google.com/fzm-kwvd-uob</a></b>	
<b>13:45- 14:00</b>	<b>Chair: Dr OUARTI Khaoula &amp; Dr MEZDAD Meriem</b>
<b>BOUKERT Razika</b>	<b>Sanitary situation and prevalence of Echinococcosis in dromedaries from two slaughterhouses in southern Algeria</b>
<b>AITOUKHEDDI Nawal</b>	<b>Zoonotic impact of pathogens infecting camels</b>
<b>BOUKHARI Wahiba</b>	<b>Impact of mobility patterns on disease transmission in Camel herding systems :A case study of Ouargla ,Touggourt and Tindouf in Algeria</b>
<b>DAHMANE Abdeldjalil</b>	<b>Zoonotic protozoan foodborne parasites in camels from Algeria; a one health approach for neglected pathogens</b>
<b>BERROUTA Linda</b>	<b>Overview of Camel Zoonotic Diseases in Algeria: The One Health Concept and Future</b>
<b>AIDOUDI Hafiza</b>	<b>Major Infectious Diseases Shared Between Camels and Humans within the One Health Framework</b>

**E-Poster session III**


**Vectors and vectors borne diseases in camels.**

Registration Link : [meet.google.com/fzm-kwvd-uob](https://meet.google.com/fzm-kwvd-uob)

14:00- 14:15	Chair: Dr OUARTI Khaoula & Dr LAGHOUATI Amel
MILOUDI A	La fièvre hémorragique de Crimée-Congo (FHCC) chez l'espèce cameline dans le Nord du Sahara Algérien : Dépistage sérologique
KERKOUR Hocine	Étude des Maladies Hémoparasitaires du Dromadaire : Diagnostic, Impact et Stratégies de Lutte
GHANAM Bilal	MAIN SPECIES OF TICKS INFESTING THE DROMEDARY ( <i>Camelus dromedarius</i> ) (BIBLIOGRAPHIC STUDY)
SAADET Soumia	A Meta-Analysis of Phlebovirus Infections in Camels in North Africa
15:15- visit of Madaure ruins	



18th May 2025.			
09:00-10:30	Plenary session Registration Link for the two days: <a href="https://meet.google.com/pmg-djvb-qdr">meet.google.com/pmg-djvb-qdr</a>		
Session chairs: Prof BOUZID Riyad, Prof LAATAMNA Abdelkarim& Dr Morsli AMIROUCHE			
09:00-09:30	Prof Anastasios Tsasos: Blastocystis under One Health: A Multidisciplinary Approach to Understanding a Common Intestinal Microbe		
09:30-10:00	Prof Faissal Saleh Almathen: Bridging the gap between genomic and phenotypic research in camel health and production studies		
10:00-10:15	DEBAT		
10:15-10:45	Break		
	Parallel Oral session IV Free communications. Registration Link : <a href="https://meet.google.com/pmg-djvb-qdr">meet.google.com/pmg-djvb-qdr</a>		
10:45- 15:15	Chair: Dr RAHMOUN Djallel E, Dr DADDA Anes & Dr SAIDJ Dihia		
10:45-10:51	P R E S E N T A T I O N	GHERISSI Djalel Edine	Prevalence and pathological description of the genital infectious diseases in female dromedary camels from southern Algeria
10:51-10:57		BELMOKHEFI Rihab Fedoua	Valorization of orange peels for pectin extraction: potential applications as a prebiotic in camelid health and environmental sustainability

	<b>10:57 - 11:03</b>	<b>P R E S E N T A T I O N</b>	<b>LAMRAOUI Messaouda</b>	<b>Comparative study of physiological and meat quality traits in Sahraoui dromedaries</b>
	<b>11:04 - 11:10</b>		<b>SELG Hanane</b>	<b>Investigating the Role of Adsorption in Camel Health and Its Implications for Water Treatment within a One Health Framework</b>
	<b>11:11- 11:16</b>		<b>ABED Yosra</b>	<b>Antibiotic resistance in the intestinal microbiota of broiler chickens: a potential disruptor of the competitive exclusion between commensal and pathogenic bacteria</b>
	<b>11:16- 11:22</b>		<b>AICHE Souad</b>	<b>Factors Influencing Variations in the Serum Phosphocalcic Ratio in Pregnant Ewes</b>
	<b>11:23 - 11:28</b>		<b>BOUBEZARI Mohammed Tahar</b>	<b>Biopreservation of camel meat using bacteriocins as natural products that inhibit microbial contamination</b>
	<b>11:29 - 11:34</b>		<b>BOUBEZARI Mohammed Tahar</b>	<b>Assessment of probiotic properties of lactic acid bacteria isolated from camel milk</b>
	<b>11:34 - 11:39</b>		<b>IMELHAYENE Meriem</b>	<b>Characterization and Valorization of Camel Bone-Derived Molecules for Regenerative Medicine</b>

	11:39-11:44		DAMENE Hanane	Caractérisation moléculaire des souches mycobactériennes responsables de la tuberculose bovine en Algérie
	11:45-11:51		ATHAMNA Assila	Morphological parameters of the common bream <i>Abramis Brama</i> (Linnaeus, 1758) in the Bouhamdane dam (Guelma, Algeria)
	11:52-11:58	P R E S E N T A T I O N	BOUBAKEUR batoul EI	Reproductive Performance in Mares
	11:59-12:05		ZIADI Hajer	Fluoroquinolone Resistance in Multidrug-Resistant <i>E. coli</i> Causing Urinary Tract Infections in Algeria
	12:05-12:11		LIMAMI Maroua	Exploring Metabolic Diversity Of <i>Streptomyces variabilis</i> ActiF170 Strain
	12:12-12:18		BOUTARFA Soumia	Cyanobacteria species isolated from north-eastern algerian hot springs as a biofuel feedstock
	12:19-12:24		SAFER Imen	Human brucellosis in Tiaret (Algeria): a retrospective study in the last eight years (2016-2023)
	12:25-12:30		BENMARCE Meryem	Épidémiologie de la Dermatose Nodulaire Contagieuse
	12:31-12:37		KHALOUTA Oussama	Study of the prevalence of different serotypes of <i>Salmonella</i> and their profiles of sensitivity and resistance to antibiotics in layer flocks in the Eastern region of Algeria.
	12:38-12:44		KOUIDRI Moukhtaria	Quand le vrai et le faux tournis font tourner les têtes de nos brebis

12:44-13:00		Debat	
13:00-14:00		Lunch break	
14:00 - 14:06	P R E S E N T A T I O N	GHENAIET Khaoula	In vitro crystallisation of struvite by urease-producing species of bacteria
14:06 - 14:12		ATHAMNA Assila	contribution a l'étude du parasitisme digestif chez l'âne dans la région de soukahras
14:12 - 14:18		Sekkai Asma	Vector-Borne Diseases: Molecular characterisation of <i>Hyalomma scupensethekey</i> vector of theileriosis in Algeria
14:18 - 14:24		BOUDELAL Saleh	Prevalence and potential predisposing factors of retained placenta in dairy cows
14:24 - 14:30		DJELAILIA Hanane	The variability in the prevalence of subclinical and clinical mastitis and its impact on milk yield of Holstein cows as a result of parity
14:30 - 14:36		DJEDDAR Hakima	Evaluation de l'activité larvicide d'un biopesticide sur les paramètres biochimiques et physiologiques de l'espèce <i>culex pipiens</i> (Diptera : Culicidae)
14:36 - 14:42		SAADET Soumia	Contribution to the Study of Certain Bio-Ecological Aspects (Parasitic Coprology and Dietary Preferences) of <i>Testudo graeca</i>

	14:42-14:48	<b>P R E S E N T A T I O N</b>	<b>ATTIR Badreddine</b>	<b>Current situation of use of antiparasitics in the various livestock farms in the wilaya of Biskra</b>
	14:48-14:54		<b>DJILALI SEGHIR Morsli</b>	<b>Exploring the microbial profile of camel milk for the identification of potential probiotic strains</b>
	14:54-15:00		<b>GUESSOUM Meryem</b>	<b>Follow-up Epidemiological Survey on Neurological Syndrome in Dromedaries in the Algerian Sahara (Second Survey)</b>
	15:00-15:06		<b>HAMADHA Keltoum</b>	<b>Characterization of raw camel milk produced in the Southern of the Algerian desert: Ain Salah and Aoulef regions</b>
	15:06-15:12		<b>RAHMOUN Djallal Eddine</b>	<b>Hormonal Regulation of Mammary Gland Development and Lactation in Camels: A Study in El Oued, Southern Algeria</b>
	15:12-15:18	<b>Debat</b>		
		<b>E-Poster</b> <b>Free communications section</b> <b>Registration Link : <a href="https://meet.google.com/fzm-kwvd-uob">meet.google.com/fzm-kwvd-uob</a></b>		
	11:00-12:15	<b>Chair: Dr TADJINE Dahmane &amp; Dr BOUMZAOUET Allaoua</b>		
	<b>HEDIA Nacera</b>	<b>Enhancement of broiler chick feeding</b>		
	<b>FARES Mohamed Amine</b>	<b>Automated cytological feature extraction and machine learning-based detection of trypanosomiasis</b>		

	FEGHROUR Assia	Bioecology of Culicoides ( <i>Diptera: Ceratopogonidae</i> ) in the Mila region, Algeria: insights into vector ecology and distribution.
	REBIAI Amina	Isolation and Potential Probiotic characterization of lactic acid bacteria from dromedary raw milk for Prospect use in the dairy industry
	AICHE Souad	The impact of incorporating aloe vera leaf gel in drinking water on hematological parameter variations in late-gestation ewes
	FEDDI Katia	Histological investigation of the impact of synbiotics administration on renal tissue in WISTAR rats
	BAGHEZZA Sameh	Prevalence of bovine tuberculosis in Boumerdes province (Northern Algeria)
	IAICHE ACHOUR Leila	Exploring the diversity of animal species in Algerians' diet during Ramadan: Insights into the current situation of livestock production in Algeria.
	BRAHMIA Safa	Aqueous extracts from Algerian medical plants: a new strategy for the treatment of multidrug resistant bacteria
	ALLIOUA Meryem	Consumption of camel milk among the algerian population
	SID Nassim	Major Causes of Carcass Condemnation in Cattle and Sheep Slaughtered at Bordj Bou Arreridj Slaughterhouses, Northeastern Algeria
	MOSTEFAOUI Raouya	Livestock manure as an ultimate hotspot of antibiotic resistance spread in the agroecosystem: a terrible present-day threat to food security and public health
	BELLIL Zahra	Antimicrobial resistance and genomic investigation of non-typhoidal <i>Salmonella</i> isolated from different sources, One Health Concept
	BELLIL Zahra	A Systematic Review of Salmonella Isolation in African Animal Food Products (including Camels): Challenges, Trends, and Public Health Implications"

<b>SEDRATI Tahar</b>	<b>Investigating Phenotypic Resistance to Last-Resort Antibiotics in Gram-Negative Bacilli of Animal Origin in Algeria</b>
<b>BOUZENZENA meriem</b>	<b>Frequency, risk factors and impact of subclinical ketosis on the health of OuledDjellal ewes</b>
<b>CHENOUF Nadia</b>	<b>CRISPER/ CAS-9: A gene-editing tool to defeat antibiotic resistance</b>
<b>BELKHEIR Naima</b>	<b>Morphological identification <i>phlebotomus papatasi</i> in Laghouat province (Algeria)</b>
<b>MANSOURI Maroua</b>	<b>Alternative Treatments For Coccidiosis In Broiler Chickens</b>
<b>ZOUAQUI Khadidja</b>	<b>Comparing the susceptibility of different Algerian native chick phenotypes to coccidiosis</b>
<b>HAMIDA Talia</b>	<b>Exploration of the anti-Pseudomonas aeruginosa potential of bioactive compounds from two medicinal plants</b>
<b>MESKINI Zakaria</b>	<b>Pathogenic contaminants in raw milk, a study from northwest algeria</b>
<b>BELALMI Nor El Houda</b>	<b>A five-year retrospective study of echinococcosis in cattle and sheep in Bordj Bou Arreridj, algeria</b>
<b>HARKATI Lynda</b>	<b>Goat farming in Algeria: case study of the wilaya of Batna</b>
<b>BOUGHERARA Mohammed</b>	<b>Histopathological study on the trachea, intestine, and bursa of Fabricius during co-infection: Gumboro with infectious bronchitis disease and colibacillosis of broiler chickens in Algeria.</b>
<b>CHENOUF Nadia Safia</b>	<b>CRISPER/ CAS-9: A gene-editing tool to defeat antibiotic resistance</b>

<b>MESSAD Sara</b>	<b>Etude rétrospective de la brucellose humaine dans la wilaya de Bouira durant la période 2018-2024.</b>
<b>TALOUB Salah</b>	<b>Prevalence and variation factors of claw lesions as well-being indicators of bovine in slaughterhouse</b>
<b>BOUASLA IlYES</b>	<b>Evaluation of the infestation of the Dromedary Camel (<i>Camelus dromedarius</i>) by Gastrointestinal Parasite in Southern Algeria</b>
<b>FOUGHALI Asma Amina</b>	<b>TICK INFESTATION OF SHEEP DURING SUMMER SEASON</b>
<b>BOUDIB Fatima Zohra</b>	<b>Meta analyse des anomalies de la reproduction chez la chamelle au niveau d'abattoir</b>
<b>ARB-CHAABA Mohamed</b>	<b>Le sperme epididymaire chez le dromadaire : "caracteristiques, methode de collecte et cryoconservation"</b>
<b>TIMSIT Nassima</b>	<b>Comparative determination of physicochemical properties between camel milk and cow's milk in Algeria (A Systematic Review)</b>
<b>BERGHICHE Amine</b>	<b>The Carcinogenic Impact of Antibiotic Residues in Meat: A Clinical and Statistical Perspective</b>
<b>CHOUAIB Ahlem</b>	<b>Effects of live bursal disease vaccine originated from v217 strain on bursal index, morphometrical and histological evolution of the bursa of fabricius in broiler chickens</b>
<b>FEKNOUS Ines</b>	<b>Biopreservatives for camel meat safety : analyzing medicinal and aromatic plants as a one health strategy against antimicrobial resistance</b>



<b>DAHMANE Abdeldjalil</b>	<b>Pathological constraints to camel breeding development; œstrosis and urolithiasis of the male camel</b>
<b>ABDENNEBI Isma</b>	<b>Study Of The Physicochemical And Biochemical Parameters Of Camel Milk In The Wilaya Of El Oued</b>
<b>AQUINA Khayra</b>	<b>Situation of Camel Breeding in the Wilaya of M'Sila</b>
<b>ATIA Kheyyeddine</b>	<b>Study of the Zootechnical Characteristics of Camel Breeding in the Wilaya of MEGHAIER</b>
<b>HAFID Nadia</b>	<b>Major health and economic challenges of the algerian camel herd</b>
<b>SAYAH Taha Mansour</b>	<b>Linking lairage stress and meat quality: the role of cortisol in dromedary camels (<i>camelus dromedarius</i>)</b>
<b>TOUADI Lilya</b>	<b>Monitoring of breeding farms and assessment of compliance with the vaccination protocol in Algeria</b>
<b>ZOUANE Aymane</b>	<b>Neonatal Diarrhea in Algerian Cattle: Evaluation of Natural Organic Acids Against <i>Cryptosporidium parvum</i></b>
<b>SAIDJ Dahia</b>	<b>What reproductive tract lesions are encountered in camels at the El Oued slaughterhouse, Algeria?</b>
<b>BAALI Mohamed</b>	<b>Nutritional factors affecting camel (<i>Camelus dromedarius</i>) milk composition</b>
<b>TAMANDJARI Sofiane</b>	<b>Sanitary inspection of camelin carcasses at the slaughterhouse</b>
<b>15:15 : Closing Ceremony</b>	

# Speakers biography



## **Plenary Sessions**

### **Panagiotis Karanis (Full Professor)**

**Panagiotis Karanis is a professor of medicine, a parasitologist elected at the Medical Faculty of the University of Bonn and an elected professor of Anatomy at the Medical Faculty of Cologne University in Germany. He teaches courses in parasitology, tropical diseases, and human anatomy.**

**An internationally recognized expert in parasitic, neglected, emerging and tropical parasitic diseases, he has been an expert to the governments of Germany, Japan and China.**

**Professor at the Japanese National Research Center for Protozoan Diseases at Obihiro University in northern Japan.**

**Professor/Director/Founder of the Center for Biomedicine and Infectious Diseases at Qinghai University in Xining in the Tibetan Plateau between Tibet and Mongolia.**

**He is a visiting professor at various universities worldwide.**

**He is a Professor of Anatomy at the University of Nicosia School of Medicine. He teaches clinically oriented human anatomy in the MD6, C5, and MBB54 courses. He is the Coordinator of the Unit for Infectious Diseases and One Health at UNIC Health in Cyprus. He is the National Representative of Cyprus for 'One Health and drug development against Vector-Borne Parasitic Diseases in Europe and Beyond/(OneHealthDrugs)'.**

**An influential scientist who played a fundamental role in activating the research interests of the governments of Germany, Japan, China, and worldwide on parasitic diseases closely linked to the environment, climate change, demographic and geopolitical influences, contamination of drinking water and the food chain, and those transmitted by vectors.**

**He was recently honoured with the Green Brand Awards in Athens for his research in environmental health and the prevention and treatment of parasitic infections. His experiences make him a valuable source of interpretation of the return of forgotten diseases and a unique and helpful expert in emerging parasitic diseases and public health.**

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**Prof. Dr. Panagiotis Karanis**

**Professor of Anatomy University of Nicosia Medical School, Cyprus Coordinator of the Unit of Anatomy and Morphology Coordinator of the Unit Infectious Diseases and One Health Professor of Parasitology and Tropical Diseases**

**Cyprus National Representative for 'One Health Drug against Vector-Borne Parasitic Diseases in Europe and Beyond (OneHealthDrugs)'**

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**Plenary session**  
**Alireza Sazmand (DVM, PhD)**

**Dr. Alireza Sazmand was born in 1985 in Yazd, Iran. He completed a PhD in Veterinary Parasitology from the University of Veterinary Medicine Vienna, Austria in 2016 on molecular epidemiology of vector-borne pathogens of camels. He holds a DVM (2011) from Chamran University, Ahvaz, Iran. Since January 2018, he has worked as an Assistant Professor of Parasitology and Parasitic Diseases at the Department of Pathobiology of Bu-Ali Sina University in Hamedan, Iran, where he teaches and supervises undergraduate and postgraduate students. Alireza's passion for research in parasites of camels since 2008 when he was 4th year DVM student, allowed him to become a reference in the field of camel parasitology. In recent years, he broadened his activities to parasites of other domestic animals (e.g. dogs, cats, horses), and wildlife species (e.g. hedgehogs, birds of prey, wild canids and felids, and bats). During his career, Alireza was awarded the Odile Bain Memorial Prize in India in 2023, Professor Tielen Foundation (PTF) Bursary for XVI Congress on Animal Hygiene in China in 2013, a Louisiana State University-World Association for the Advancement of Veterinary Parasitology (LSU-WAAVP) Bursary for 24th WAAVP Congress in Australia in 2013, a prize for the Best Presenter at the 48th Annual Meeting of the Austrian Society of Tropical Medicine, Parasitology and Migration Medicine (ÖGTPM) in 2014, and a prize for the Best Presenter at the 3rd International and 10th National Congress of Parasitology and Parasitic Diseases of Iran (NICOPA) in 2017. He has also been awarded Best Researcher of the Years 2018, 2019, 2020, 2021, 2022, and 2023, Best Teacher of the Year 2020 at the Faculty of Veterinary Medicine, Bu-Ali Sina University, and Best Researcher of the Year 2023 in the Field of Veterinary Medicine at Hamedan Province Governorate. Dr. Sazmand has published four books, +120 articles in peer-reviewed journals, and several book chapters. He has also supervised postgraduate students since 2016. He is the editor of several international journals. His main focus in research is parasitic diseases of camels and molecular epidemiology of zoonotic vector-borne parasitoses.**

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**Alireza Sazmand, DVM, Dr. med.vet. (PhD) (he/him)**  
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**Associate Editor, Parasites & Vectors**  
**<https://parasitesandvectors.biomedcentral.com/>**



### **Plenary session**

#### **Laatamna Abdelkarim (DVM, PhD)**

**Mr. Laatamna Abdelkarim is an experienced veterinarian and academic based in Ras El-Oued, Algeria. Born on June 6, 1983. He began his education in Natural and Life Sciences at Salem Sraifeg College in B.B.A, Algeria, where he obtained his Bachelor's degree in 2002. Mr. Laatamna continued his studies at the National Higher Veterinary School in Algiers, earning his Veterinarian Doctor degree in 2007. He further specialized in veterinary medicine, completing a Magister degree in Veterinary Medicine at the Veterinary Institute of Tiaret in 2009. He then earned his Doctorate in Es-Sciences in 2014, focusing on Equine Cryptosporidiosis in Algeria. Mr. Laatamna has also been preparing his PhD Habilitation since 2016.**

**Professionally, he has contributed to the veterinary field through research, particularly in the areas of bovine and equine cryptosporidiosis. His research focuses on the molecular characterization of zoonotic parasites in equines and humans. He has also gained valuable international experience through internships at the Institute of Parasitology, Academy of Sciences in the Czech Republic, Kent University, UK, and at Hohenheim University, Germany. From 2011 to 2017, Mr. Laatamna worked as an assistant teacher at Ziane Achour University of Djelfa, where he taught modules in Parasitic Immunology and the Epidemiology of Parasitic Diseases in the Master's program in Parasitology, specializing in Ecology and Evolution of Parasitized Systems. With a diverse academic and professional background, Mr. Laatamna continues to contribute to the advancement of veterinary science and parasitology**

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**Laatamna Abdelkarim**

**Professor in veterinary parasitology at Biosciences faculty, Djelfa university, Algeria.**

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**Plenary session**  
**Anastasios D. Tsaousis**  
**Reader in Molecular and Evolutionary Parasitology**

**Dr. Anastasios D. Tsaousis is a distinguished academic specialising in Molecular and Evolutionary Parasitology at the University of Kent, UK. His extensive research primarily focuses on understanding the evolutionary adaptations and host interactions of microbial eukaryotes, with a special interest in organisms such as *Blastocystis*, *Cryptosporidium*, and *Naegleria*. These studies are pivotal in exploring their roles within the microbiome and their impact on host health.**

**Dr. Tsaousis completed his PhD in Molecular Cell Evolution at Newcastle University, where he investigated the evolution and function of microsporidian mitosomes. Following his PhD, he held esteemed postdoctoral fellowships at Dalhousie University, Charles University, and the University of Saskatchewan, focusing on molecular and biochemical parasitology and the evolution of anaerobic eukaryotes. Since joining the University of Kent in 2013, Dr. Tsaousis has climbed the academic ladder from Lecturer to Reader, and he also holds concurrent positions as a Visiting Professor at the International Institute of Applied Science and Technology, Bangladesh, and a Visiting Associate Professor at the University of Nicosia Medical School, Cyprus. Dr. Tsaousis's research has significantly advanced the understanding of the complex life cycles and interactions of parasitic and free-living eukaryotes, integrating cutting-edge techniques in genomics, transcriptomics, and metabolomics. His work has been published extensively, with more than 74 peer-reviewed articles in high-impact journals such as Nature, PNAS, Current Biology and Trends in Parasitology. He maintains an h-index of 28, and his publications have garnered thousands of citations, reflecting the substantial impact of his research in the field. He has been successful in securing prestigious grants from organisations such as the BBSRC, the Gates Foundation, and the Moore Foundation, amassing a significant funding portfolio to support his research endeavours. Notably, Dr Tsaousis is the principal investigator or co-investigator on several high-profile grants, including the EU-COST Action for One Health Blastocystis, totalling over 700,000 EUR. In addition to his research, Dr. Tsaousis is deeply committed to teaching and mentorship. He has developed new academic modules and convened courses on eukaryotic evolution, parasitology, and microbiology. His leadership roles include serving as the Director of Biosciences Graduate Studies and the Recruitment Officer for postgraduate courses at the School of Natural Sciences, University of Kent. Dr. Tsaousis's contributions to the field have been recognised with several awards, including the prestigious 2022 Hutner Achievement Award from the International Society of Protistologists, acknowledging his exceptional contributions to understanding protist biology.**

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**For more about Dr. Tsaousis's work and contributions, please visit his  
 personal website or the University of Kent profile.**



**Plenary session  
Faisal Saleh Almathen  
Animal Genetics and Breeding**

**Faisal Saleh Almathen was born on October 21st, 1979, in Al-Ahassa, Saudi Arabia. He is an Assistant Professor of Animal Genetics and Breeding and the Head of the Veterinary Public Health and Animal Husbandry Department at King Faisal University. His primary research focuses on identifying and mapping genetic polymorphisms that influence phenotypic traits in livestock. Almathen earned his Bachelor's degree in Veterinary Science from King Faisal University's College of Veterinary Medicine and Animal Resources in 2002. He then pursued a Master's degree in Molecular Genetics from Leicester University in the UK in 2006, followed by a PhD in Animal Genetics and Breeding from Nottingham University in 2014.**

**Professionally, Almathen began his career as a Veterinarian at NADEC Dairy Farms in Saudi Arabia in 2002 and later worked as a demonstrator at King Faisal University in 2003. From 2007 to 2010, he held a lecturer position at King Faisal University before being promoted to Assistant Professor of Animal Genetics and Breeding in 2014. He also served as the Director of Camel Research in 2017 and as a Consultant and Head of Veterinary Public Health and Animal Husbandry Department since 2016.**

**Almathen has published several impactful papers, including studies on the genetics of African cattle and Arabian camels, as well as the domestication history of the dromedary camel. His work has contributed significantly to the field of animal genetics and breeding.**

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**Associate Professor**  
**Veterinary Sciences departement, University of Souk Ahras**  
**Seminar Chair 1**

**THANK YOU**