



**1<sup>st</sup> International Conference on Sustainability of Camel Population and Production College of Agriculture and Food Sciences King Faisal University, Al-Ahsa, SAUDI ARABIA**



**SCIENTIFIC PROGRAM**

**Day 1: Monday 8<sup>th</sup> Rabie II, 1434 (18<sup>th</sup> February, 2013)**

University ceremonial hall:

**Chair:** Professor Mahmoud Abdel Aziz

Time	Lecture
08.00-09.00	Registration
09.00-09.30	<b>Keynote lecture:</b> Camel Articles Published in Prestigious Journals <b>Speaker:</b> Professor Marzook M. Al-Eknah
09:30-10.00	<b>Keynote lecture:</b> Pharmacokinetics and Pharmacodynamics of some corticosteroids in the camel <b>Speaker:</b> Dr. Ibrahim A. Wasfi
10:00-10:30	<i>Coffee Break</i>

Hall 1: Biotechnology and Genetics:

**Chair:** Dr. Fahd Al-Hur

Time	Lecture
10:30-10:45	<b>BIOCHEMICAL AND MOLECULAR CHARACTERIZATION OF POLYMORPHISMS OF CASEINS IN SUDANESE CAMEL (<i>CAMELUS DROMEDARIUS</i>) MILK</b> <i>Georg Erhardt, El Tahir S. Shuiep, Isabella J. Giambra, Ibtisam E. M. El Zubeir, and Alfredo Pauciullo</i>
10:45-11:00	<b>AMPLIFICATION OF ALPACA TETRANUCLEOTIDE MICROSATELLITE MARKERS IN DROMEDARY CAMEL (<i>CAMELUS DROMEDARIUS</i>)</b> <i>Nouairia, G., Yahyaoui, M.H., Khorchani, T.</i>
11:00-11:15	<b>HIGH SEQUENCE DIVERSITY OF BOLA-DRB3 GENE IN PAKISTANI CAMEL</b> <i>Tanveer Hussain, Masroor Ellahi Babar, Muhammad Abdullah, Ahmad Nawaz, Nisar Ahmad, Kamran Abbas, Asif Nadeem, Akhtar Ali, Abdul Wajid and Muhammad Ashraf Shahid</i>
11:15-11:30	<b>EFFICACY OF A NOVEL ENCAPSULATED OIL PRODUCT IN PROTECTING THE OMEGA-3 FATTY ACIDS FROM BIOHYDROGENATION IN FOREGUT ANIMALS</b> <i>Amer A. AbuGhazaleh</i>
11:30-11:45	<b>Mitochondrial Cytochrome-b and D-loop Sequence Diversity in Camel Breeds of Pakistan</b> <i>Masroor Ellahi Babar, Tanveer Hussain, Abdul Wajid, Asif Nadeem, Akhtar Ali, Sajjad Ali Shah and Muhammad Ashraf Shahid</i>
11:45-12:00	<b>GENETIC DIVERSITY AND NATURE OF THE RAISING SYSTEMS OF CAMELS IN ALGERIA</b> <i>Derradji Harek, Rachid Bouhadad, Hacéne Yakhlef</i>
12:00-12:30	<i>Prayer break</i>

Hall 1: Biotechnology and Genetics:

**Chair:** Dr. Abdallah Al-Zaharany

Time	Lecture
12:30-12:45	<b>Biological characteristics of Mongolian Camel</b> <i>Baldan T., R. Indra, R. Purevragchaa, N. Togtokhbayar, M.Undram</i>
12:45:01:00	<b>Phenotypic characterization! A tool for breed differentiation of the camel in Northeast Balochistan, Pakistan</b> <i>Raziq, A.</i>
01:00-01:15	<b>A PROPOSED GROUP BREEDING SCHEME FOR UTILISATION OF CAMEL GENETIC RESOURCES</b>

<i>Mahmoud Abdel Aziz</i>	
01:15-01:30	<b>Modeling and Simulation of Open Nucleus Breeding Program for Genetic Improvement in Saudi Camel Milk Yield</b> <i>Mohamed E. Seliaman, Marzook M. Al-Eknah, and Mahmoud M. Abdel Aziz</i>
03:00-04:00	<b>Lunch</b>

## Hall 2: Nutrition

**Chair:** Professor Youssef M. Al Youssef

Time	Lecture
10:30-10:45	<b>THE ROLE OF CAMEL FEEDING SYSTEMS IN MAXIMIZING THE BENEFICIAL EFFECTS OF CAMEL MILK IN THE MANAGEMENT OF CHRONIC DISEASES</b> <i>El-Sayed Gihad</i>
10:45-11:00	<b>THE EFFECT OF REPLACING CORN WITH GLYCEROL ON FERMENTATION, DIGESTIBILITY AND FOREGUT BACTERIA IN CONTINUOUS CULTURE FERMENTERS</b> <i>Amer A. AbuGhazaleh, R. B. Potu, and D. Hastings</i>
11:00-11:15	<b>EFFECT OF FEEDING VARIOUS LEVELS OF DIETARY ENERGY ON NUTRIENT UTILISATION, DRAUGHT PERFORMANCE AND PHYSIOLOGICAL REACTIONS OF CAMELS DURING RAINY SEASON</b> <i>J. L. Chaudhary</i>
11:15-11:30	<b>NUTRITIONAL SUPPLEMENTATION COULD BE ACCOMMODATING TO INCREASE RESISTANCE, RESILIENCE AGAINST GASTROINTESTINAL PARASITES OF CAMELS-A LESSON FROM OTHER RUMINANTS</b> <i>Muhammad Sarwar, Hafiz Abubaker Saddiqi, Muhammad Wakil Abid, Mahr-un-Nisa, Aasif Shahzad</i>
11:30-11:45	<b>MINERALS MAPPING OF CAMELS FEED RESOURCES, BLOOD AND HAIR IN DIFFERENT AGRO- CLIMATE ZONES OF RAJASTHAN FOR FORMULATION OF AREA SPECIFIC MINERAL MIXTURE</b> <i>Nirmala Saini, N.V. Patil, B.D.Kiradoo and D.L. Bohra</i>
11:45-12:00	<b>CONTINUOUS CULTURE FERMENTER SYSTEM AS A MODEL TO STUDY FERMENTATION AND NUTRIENTS METABOLISM IN CAMEL'S FOREGUT</b> <i>Amer A. AbuGhazaleh</i>
12:00-12:30	<b>Prayer Break</b>

## Hall 2: Nutrition

**Chair:** Professor Huthail N. Abdel Rahman

Time	Lecture
12:30-01:00	<b>Keynote:</b> Insights into the foregut microbiome of the Arabian camel ( <i>Camelus dromedarius</i> ) <b>Speaker:</b> Rafat Al Jassim, Anjas A. SAMSUDIN
01:00-01:15	<b>THE EFFECT OF DIETARY CRUDE PROTEIN LEVEL AND SOURCE OF ROUGHAGE ON GROWTH PERFORMANCE OF CALF-CAMELS</b> <i>M.A. Abouheif, S.M. Basmæil and Y. El-Shaikh</i>
01:15-01:30	<b>FORAGE PREFERENCE OF CAMEL CALVES (CAMELUS DROMEDARIUS) IN EASTERN ETHIOPIA</b> <i>M.B. Chimsa, Y.Y. Mummed, M.Y. Kurtu, M.U. Leta, B.S. Gameda, E.C. Webb</i>
01:30-01:45	<b>Effect of different weaning ages on post weaning performance of single humped (<i>Camelus dromedaries</i>) camel calves at Errer Valley, eastern Ethiopia</b> <i>Mohamed Y.K. and Merga B.C.</i>
01:45-02:00	<b>Effects of feeding <i>Euphorbia tirucalli</i> forage on milk yield and composition of lactating Somali camels (<i>Camelus dromedarius</i>) in northern Kenya</b> <i>Guliye, A. Y. and Noor, I. M.</i>
03:00-04:00	<b>Lunch</b>

### Hall 3: Miscellaneous topics

**Chair:** Dr, Mohamed I. Al-Zaraah

Time	Lecture
10:30-10:45	<b>CAMEL AS A MODEL FOR PLANNING RESILIENCE AND ADAPTATION MEASURES FOR SUSTAINABLE CITIES</b> <i>Aliyu Salisu Barau</i>
10:45-11:00	<b>ROTARY MODE OF OPERATION: AN APPROACH FOR INCREASED UTILISATION OF CAMEL DRAUGHT POWER</b> <i>Ghanshyam Tiwari, Rajeev Garg and Lokesh Gupta</i>
11:00-11:15	<b>DOES CAMEL MILK CONSIDER A NATURAL VIRAL INHIBITOR TO HUMAN DIARRHEA–CAUSING VIRUSES?</b> <i>E. I. ELAGAMY</i>
11:15-11:30	<b>IN VITRO ASSESSMENT OF THE ANTIMICROBIAL ACTIVITY AND BIOCHEMICAL PROPERTIES OF CAMEL'S URINE AGAINST SOME HUMAN PATHOGENIC MICROBES</b> <i>Munir Mustafa Al-Bashan</i>
11:30-11:45	<b>Novel compounds in lyophilized female camel urine analyzed by Gas chromatography Mass spectrophotometer (GCMS).</b> <i>Salwa, M.E. Khogali, Sara.A. Mohamed, Samia.H., A/Rahman, Esraa.M.Musa and Abdalla.M.Elhassan</i>
11:45-12:00	<b>THERAPEUTIC EFFECT OF CAMEL URINE ON INDUCED HEPATOTOXICITY IN RATS.</b> <i>Samia. H. Abdelrahman and Salwa. M. Elbasheir</i>
12:00-12:30	<b>Prayer break</b>

### Hall 3: Socio-economic topics

**Chair:** Dr. Abdel Aziz Al-Shaibi

Time	Lecture
12:30-12:45	<b>COMPARATIVE STUDY ON SOME SOCIOECONOMIC ASPECTS OF REARING CAMEL UNDER SEMI INTENSIVE AND NOMADIC PRODUCTION SYSTEMS IN SUDAN</b> <i>El Tahir, S. Shuiep, Ibtisam. E. M. El Zubeir, Ibrahim. A. Yousif and Georg Erhardt</i>
12:45:01:00	<b>Challenges and Prospects of Camel Meat Production and Marketing in Pakistan</b> <i>Muhammad Hassan Mushtaq, Dildar Hussain, Filza Hussain, Muhammad Akib Warraich</i>
01:00-01:15	<b>CAMEL POPULATION, PRODUCTION AND ECONOMIC IMPORTANCE IN ETHIOPIA</b> <i>Sisay Tilahun</i>
01:15-01:30	<b>Capacity Building Improves Camel Milk Quality and Income among Pastoral Households in Northern Kenya</b> <i>Adongo A. Otieno, F O. Wayua, S G. Kuria, D M. Mwangi, E Njuguna, Y Mario, I. J. Sagalla and J.M. Mwangi</i>
01:30-01:45	<b>SOCIO –ECONOMIC IMPORTANCE OF CAMEL AMONG THE POKOT AND TURKANA COMMUNITIES OF NORTH RIFT VALLEY KENYA.</b> <i>HENRY PTOPOT TINGORIA</i>
03:00-04:00	<b>Lunch</b>

### Hall 4: Physiology

**Chair:** Professor Mostafa M. Zeitoun

Time	Lecture
10:30-10:45	<b>MORPHOMETRIC STUDY OF THE SKIN IN DIFFERENT ANATOMICAL REGIONS OF THE CAMEL (<i>Camelus dromedarius</i>)</b> <i>Ibrahim M. Wiam, Mamman L. Sonfada, Ahmed Yahaya and Abubakar A. Umar</i>
10:45-11:00	<b>MORPHOMETRIC VARIATIONS IN THE CRANIOFACIAL INDICES OF CAMELS</b>

	<b>(Camelus dromedarius) IN NIGERIA</b> <i>Ahmed Yahaya, James O. Olopade, Hyelduku D. Kwari and Ibrahim M. Wiam</i>
11:00-11:15	<b>Camel pituitary gland: elaboration of an Atlas and oxytocin-vasopressin immunofluorescence study</b> <i>El Allali K., Maguig M., Piro M., Ouassat M., Achaaban MR.</i>
11:15-11:30	<b>HAEMALOTOGICAL PARAMETERS OF NEONATE CAMELS (Camelus dromedarius) DURING THE FIRST WEEK OF LIFE</b> <i>Nawal M. Elkhair and Walli Eldeen E. Elmgboul</i>
11:30-11:45	<b>STATUS OF MINERALS IN THE BODY OF CAMELS (CAMELUS DROMEDARIUS) IN NORTH EASTERN KENYA AS EVALUATED FROM THE BLOOD PLASMA</b> <i>Simon G. Kuria, Isacko A. Tura, Seth Amboga, Hussein K. Walaga</i>
11:45-12:00	<b>CORRELATION BETWEEN SELENIUM AND SERUM MUSCLE SPECIFIC ENZYMES</b> <i>Elrayah, H.A., Barri, M.E.S, Samia. H. Abdelrahman naam, EIA. D, Khojali, SME and Tarig A. Khalig</i>
12:00-12:30	<b>Prayer Break</b>

Hall 4: Physiology

**Chair:** Professor Khalid BuSadah

Time	Lecture
12:30-12:45	<b>RELATIONSHIP BETWEEN COAT COLOUR AND THERMOREGULATION IN SAUDI CAMEL BREEDS</b> <i>Emad M. Samara, Khalid A. Abdoun, Aly B. Okab, Hussein Migdadi, Monther T. Sadder and Ahmed A. Al-Haidary</i>
12:45:01:00	<b>THE CAMEL SOFT PALATE DIVERTICULUM: STRUCTURE AND MECHANISM OF ITS ORAL EXTERIORIZATION</b> <i>Achaaban M.R., Mouloud M., Tligui N.S., El Allali K.</i>
01:00-01:15	<b>CUTANEOUS ANGIOGENESIS OF THE CAMELS (CAMULES DROMDERAIUS)</b> <i>Salah Elmorsy E. Farag</i>
01:15-01:30	<b>TUDY OF SOME BLOOD CONSTITUENTS OF THE ONE-HUMPED CAMEL (CAMELUS DROMEDARIES) IN ALGERIA</b> <i>AICHOUNI Ahmed; M. BELHADIA; A. DELLAL</i>
01:30-01:45	<b>Electron-microscopic analysis of the vascular and perivascular elements in the dromedary neurohypophysis</b> <i>Djazouli Alim F.Z., Lebaili N., Mahy N.</i>
01:45-02:00	<b>Osmotic resistance of camel erythrocytes: a special adaptation to arid and desert conditions</b> <i>Hammadi, M.</i>
02:00-02:15	<b>Humoral immune response of the dromedary (Camelus dromedaries): kinetic of appearance and physicochemical properties of produced immunoglobulins</b> <i>Imad Salhi</i>
02:15-02:30	<b>Study of some serum biomarkers in different physiological states of camel (Camelus dromedaries)</b> <i>Khan, R.U. &amp; Zia-ur-Rahman</i>
02:30-02:45	<b>The Impact of Farming System on Camels (Camelus dromedarius) Blood Composition</b> <i>Sallam A. Bakheit; Khalid A. Al Busadah; A/Moneim M. A/Nikheila; Bernard Faye and Magda E. Elbushra</i>
02:45-03:00	<b>Adhesion Molecules and the Cellular Population of the Normal Camel (Camelus dromedaries) Mammary Glands</b> <i>K. T. AL-Mohammed Salem, S.A. AL Ramadan, A. M. Alluwaim</i>
03:00-04:00	<b>Lunch</b>

Hall 5: Veterinary Medicine (Bacteriology, health and disease, parasitology and protozoology)

Chair: Dr. Al-Awad Embashy

Time	Lecture
10:30-10:45	<b>A PROFILE OF ANAEROBIC ORGANISMS FROM THE INTESTINAL FLORA OF CAMELS</b> <i>Khalid Mehmood, Muhammad A. Khan, Muhammad Younus, Saeed A. Lodhi, Abdul Rehman, Ahmad J. Sabir and Tariq Mehmood</i>
10:45-11:00	<b>SPECIFICITY OF CROSS REACTIVITY OF BRUCELLA POSITIVE SUDANESE CAMEL SAMPLES TO YERSINIA ANTIGEN</b> <i>M. Zain, Eisa; Mihad, F.E.M., Alawad*; Musa, T., Musa</i>
11:00-11:15	<b>MASTITIS IN CAMELS (<i>Camelus dromedarius</i>): PAST AND RECENT RESEARCH IN PASTORAL PRODUCTION SYSTEMS OF BOTH EAST AFRICA AND MIDDLE EAST</b> <i>Atif Elamian Abdelgadir</i>
11:15-11:30	<b>USE OF INFRARED THERMOGRAPHY FOR MASTITIS DETECTION IN LACTATING DAIRY CAMELS (<i>CAMELUS DROMEDARIUS</i>)</b> <i>Moez Ayadi, Riyadh S. Aljumaah, Emad M. Samara, Mohammed A. Alshaikh and Gerardo Caja</i>
11:30-11:45	<b>CLINICOBIOCHEMICAL AND POSTMORTEM INVESTIGATIONS IN 60 CAMELS (<i>CAMELUS DROMEDARIUS</i>) WITH JOHNE'S DISEASE</b> <i>Mohamed Tharwat, Fahd Al-Sobayil and Sobhy El-Magawry</i>
11:45-12:00	<b>Comparison between Cephapirin and Oxytetracycline for treatment of endometritis in she-camel (<i>Camelus dromedarius</i>): A field study</b> <i>Ayman Swelum</i>
12:00-12:30	<b>Prayer Break</b>

Hall 5: Veterinary Medicine (Bacteriology, health and disease, parasitology and protozoology)

Chair: Dr. Abdalla Al-Dugaem

Time	Lecture
12:30-12:45	<b>ACTIVE SURVEILLANCE BASED EPIDEMIOLOGICAL INVESTIGATIONS AND ECONOMIC LOSSES DUE TO DIFFERENT DISEASES OF CAMELS IN PAKISTAN</b> <i>Muhammad A. Khan, Muhammad Younus, Muhammad Ayub, Abdul Rehman, Altaf Mehmood, Khalid Mehmood and Muhammad M. Athar</i>
12:45-01:00	<b>Histopathological Changes of Contagious Skin Necrosis (CSN) in Camels (<i>Camelus Dromedaries</i>) in Hail region, Kingdom of Saudi Arabia</b> <i>AlKanzee A. G, Mohammed, G.E, Bakhiet A. O, Hassan A. B.</i>
01:00-01:15	<b>Study of 1054 camel's lung lesions slaughtered in south of Tunisia</b> <i>A. Amara, A Heny, A. Rejeb, H. Rezeigui, and K. Kaboudi</i>
01:15-01:30	<b>GROSS AND MICROSCOPIC LESIONS OF THE KIDNEYS OF CAMELS (<i>CAMELUS DROMEDARIUS</i>) FROM THE ABATTOIR IN MAIDUGURI, BORNO STATE, NIGERIA</b> <i>S. U, Hassan, F.E, Kayumowah and H. I. Gambo</i>
01:30-01:45	<b>PARASITISM EXTERNAL CAMEL IN SOUTH-EASTERN ALGERIA, TICK INFESTATION.</b> <i>C. Aissaoui, F. Dou</i>
01:45-02:00	<b>COPROLOGICAL DIAGNOSIS OF INFECTIONS WITH INTERNAL PARASITES IN CAMELS IN SOUTH-EASTERN OF TUNISIA</b> <i>Mabrouk Mouldi Seddik, Hanen Fkih and Rihab Zarroug</i>
02:00-02:15	<b>PHARMACOKINETICS OF A NOVEL RAFOXANIDE/IVERMECTIN INJECTION IN <i>CAMELUS DROMEDARIUS</i></b> <i>Hossny El-Banna, Gehan M. Kamel, and Maher Soliman</i>
02:15-02:30	<b>COMPARATIVE EFFICACY OF FOUR ANTHELMINTIC DRUGS AGAINST PREVALENT HELMINTHES IN CAMEL FLOCK KEPT AT CAMEL BREEDING AND RESEARCH STATION THAL DESERT, PAKISTAN</b> <i>Hafiz Abubaker Saddiqi, Muhammad Wakeel Abid, Muhammad Adnan</i>
02:30-02:45	<b>Clinical, haematological and biochemical alterations induced by natural Babesiosis in</b>

	<b>dromedary camels</b> <i>Ayman A. Swelum, Alaa B. Ismael, Ahmed F. Khalaf</i>
<b>02:45-03:00</b>	<b>EFFECTS OF TRYPANOSOMIASIS ON VARIOUS BLOOD COMPONENTS AND ITS CORRELATION WITH ANTE-MORTEM EXAMINATION OF THE CAMELS IN LAHORE</b> <i>Muhammad Younus, Muhammad A. Khan, Abdul Rauf, Abdul Rehman, Khalid Mehmood, Muhammad M. Athar and Tariq Mehmood</i>
<b>03:00:3:15</b>	<b>Clinical and Laboratory Findings of Outbreak of Theileriosis in Saudi Arabian Dromedary Camels</b> <i>Alaa B. Ismael, Ayman A.Swelum, Ahmed F. Khalaf</i>
<b>03:00-04:00</b>	<b><i>Lunch</i></b>

**Day 2: Tuesday 9<sup>th</sup> Rabie II, 1434 (19<sup>th</sup> February, 2013)**

08.00-09.00		Registration
Hall 1: Production and Husbandry		
Chair: Professor Mohamed Abu Heif		
Time	Lecture	
09:00-09:30	<b>Keynote: CAMEL FARMING SUSTAINABILITY: THE CHALLENGES OF THE CAMEL FARMING SYSTEM IN THE XXI<sup>th</sup> CENTURY</b> <b>Speaker: Bernard Faye</b>	
09:30-09:45	A DEMOGRAPHIC ANALYSIS OF THE FERAL CAMEL POPULATION IN CENTRAL AUSTRALIA <i>Peter Pflaumer</i>	
09:45-10:00	FACTORS INFLUENCING CAMEL PRODUCTION: A CASE OF GABRA PASTORALIST COMMUNITY OF MARSABIT NORTH DISTRICT, MARSABIT COUNTY, KENYA <i>G. T. Dabelo, T. Maith</i>	
10:00-10:30	Coffee Break	
10:30-10:45	CAMEL MILK VALUE CHAIN IN NORTHERN SAUDI ARABIA <i>Bernard Faye, Hassani Madani, Sageed A.H. El-Rouili</i>	
10:45-11:00	ESTIMATING SOME PRODUCTIVE AND REPRODUCTIVE TRAITS OF SUDANESE DROMEDARY BRED UNDER INTENSIVE SYSTEMIZATION <i>B. E. Abdel-Aziz; Husna. M. Elbasheir; M.H.M. Elbashir</i>	
11:00-11:15	ALPACA ( <i>LAMA PACOS</i> ) AND LLAMA ( <i>LAMA GLAMA</i> ) PERFORMANCE PRODUCTIVE IN THE PUNA XEROFITICA IN BOLIVIA <i>José R. Campero Marañón</i>	
11:15-11:30	MILK PRODUCTIVITY OF CAMEL ( <i>CAMELUS DROMEDARIUS</i> ) AND GROWTH OF CALVES IN EASTERN ETHIOPIA <i>M.B Chimsa, Y.Y Mammed, M.Y Kurtu, M.U Leta, E.C. Webb</i>	
11:30-11:45	CAMEL THE PROMISING DAIRY ANIMAL IN THE SUDAN <i>A.A Hassabo, Ehsan A.M., M.O Eisa</i>	
11:45-12:00	RELATIONSHIP BETWEEN MILK YIELD AND UDDER MEASUREMENTS IN LACTATING DROMEDARY CAMELS IN SAUDI ARABIA <i>Ayadi Moez, Riyadh S. Aljumaah, Abdelgader Musaad, Said K. Saleh, Bernard Faye</i>	
12:00-12:30	Prayer Break	

Hall 1: Production and Husbandry

Chair: Professor Salah Al-Shami

Time	Lecture	
12:30-12:45	MILKING AT DIFFERENT INTERVALS INCLUDING MILK PARTITION AND ACCUMULATION IN MAGHREBI SHE-CAMELS UDDER <i>E. B. Abdalla, A. A. Ashmawy, O. A. Salama, A. F. Seioudy and G. Caja</i>	
12:45:01:00	REPRODUCTIVE PERFORMANCE OF CAMELS IN BABILIE AND KEBRIBEYAH DISTRICTS OF THE JIJIGA ZONE, SOMALI REGION, ETHIOPIA <i>Yohannes Mehari, Getachew Gebru and Zeleke Mekuriyaw</i>	
01:00-01:15	THE EFFECT OF GRAZING SYSTEMS ON THE YIELD AND COMPOSITION OF CAMEL MILK <i>A. Aziz Makkawi Abdel Rahman</i>	
01:15-01:30	INFLUENCE OF CAMEL BREEDS AND AGES ON THE REPRODUCTIVE PERFORMANCE OF DROMEDARY CAMELS IN SAUDI ARABIA <i>Mohammed, K.M.E. and Al-Mutairi, S.E.</i>	
01:30-01:45	CAMEL EMERGING AS THE PREFERRED LIVESTOCK SPECIES AMONG THE BORANA COMMUNITY OF ISIOLO, NORTHERN KENYA IN THE CONTEXT OF CLIMATE VARIABILITY. <i>KAGUNYU ANASTASIA AND WANJOHI JOSEPH</i>	

01:45-02:00	<b>Milk production potential of the Sudanese Camel breeds (Arabi, Anafi and Bushari)</b> <i>Rania H. Zayed, M. Atta and Mohamed T. Ibrahim</i>
03:00-04:00	<b>Lunch</b>

Hall 2: Products: Milk, Meat and Fiber

**Chair:** Professor Gamal Al-Sharnoby

Time	Lecture
09:00-09:30	<b>Keynote: STRATEGIES TO INCREASE THE QUANTITY AND TO IMPROVE THE QUALITY OF CAMEL MILK PRODUCED UNDER INTENSIVE MANAGEMENT SYSTEM</b> <b>Speaker:</b> Peter Nagy and Judit Juhasz
09:30-09:45	<b>SEASONAL VARIATIONS OF PHYSICO-CHEMICAL COMPONENTS OF CAMEL MILK (CAMELUS DROMEDARIUS)</b> <i>Narmuratova M., Konuspayeva G., Serikbayeva A., Aldanazarov C., Dauletov C.</i>
09:45-10:00	<b>SOME PARAMETERS TO PROCESS CAMEL MILK INTO CHEESE</b> <i>Gaukhar Konuspayeva, Benedicte Camier, Frederic Gaucheron, Bernard Faye</i>
10:00-10:30	<b>Coffee Break</b>
10:30-10:45	<b>IDENTIFICATION OF LACTIC ACID BACTERIA OF FERMENTED CAMEL MILK FROM KAZAKHSTAN</b> <i>Akhmetsadykova Sh., Baubekova A., Konuspayeva G., Akhmetsadykov N., Faye B., Loiseau G.</i>
10:45-11:00	<b>EFFECT OF STORAGE ON THE CHEMICAL, MICROBIOLOGICAL AND SENSORY QUALITY CHARACTERISTICS OF FERMENTED CAMEL MILK (GARISS)</b> <i>Abdel Moneim E. Sulieman, Abdallah A. Alyan and Elamin A.El Khalifa</i>
11:00-11:15	<b>FUNGI AND VIRULENCE FACTORS OF ISOLATED YEASTS OF RAW CAMEL MILK</b> <i>Abd El- Aziz Mosaad, Ahmed El- Kirdasy, Mostafa Al-Sherif, Said, Fathalla, Abd El-Rahman M. El-Bagory, Gamal Abd El. Gaber</i>
11:15-11:30	<b>IMPROVING THE TEXTURAL PROPERTIES OF FERMENTED CAMEL MILK USING EXOPOLYSACCHARIDE PRODUCING CULTURES</b> <i>Ibrahim A.H. , Mervat M. Al Bayumi and Marwa M. Desouky</i>
11:30-11:45	<b>BACTERIOLOGICAL EVALUATION OF RAW CAMEL MILK, WITH SPECIAL REFERENCE TO SOME FOODBORNE PATHOGENS</b> <i>A. M. El-Bagoury and R. Alhossiny</i>
11:45-12:00	<b>Effect of heat treatment on the chromatographic detection, electrophoretic pattern and antibacterial activity of lactoferrin purified from camel milk</b> <i>Abdel-Salam A. M. , Al-Harbey K. B., Magzoub M. A, Mousa H. M.</i>
12:00-12:30	<b>Prayer Break</b>

Hall 2: Products: Milk, Meat and Fiber

**Chair:** Professor Siddig Hussein Hamad

Time	Lecture
12:30-12:45	<b>Aerobic Bacteria Associated With Fresh and Processed Camels Meat</b> <i>Mohammed, T.T., Hussien, H. A. and Freigoun, S. A.</i>
12:45:01:00	<b>COMPARATIVE MEAT QUALITY ASSESSMENT BETWEEN DROMEDARY (CAMELUS DROMEDARIUS) AND BACTRIAN (CAMELUS BACTRIANUS) CAMEL LONGISSIMUS THORACES MUSCLES</b> <i>Kadim, I. T., Mahgoub, O., Al-Marzooqi W., Al-Karousi, A. Khalaf, S. K. and Raiymbek, G.</i>
01:00-01:15	<b>MEAT QUALITY CHARACTERISTICS OF BACTRIAN (CAMELUS BACTRIANUS) CAMEL IN KAZAKHSTAN</b> <i>Raiymbek, G., Faye, B., Konuspayeva, G. and Kadim, I.T</i>
01:15-01:30	<b>PRODUCTION AND EVALUATION OF CAMEL MEAT BURGER MIXED WITH DIETARY FIBERS</b> <i>Nadia A. Salama; Shahinaz A. Helmy; M. F. Shhata and Abeer T. A. Mohamed</i>



01:30-01:45	<b>COMPARATIVE STUDY OF CARCASS WHOLESAL CUTS AND PHYSICAL COMPONENTS OF MAGHRBI AND SUDANI CAMELS UNDER EGYPTIAN CONDITIONS</b> <i>Shehata, M.F., M.A.I. Salem. and M.A. Zayed.</i>
01:45-02:00	<b>DISTRIBUTION OF MUSCLE IN THE OMANI DROMEDARY CAMEL CARCASS</b> <i>Osman Mahgoub and Isam T. Kadim</i>
02:00-02:15	<b>EVALUATION OF FLEECE PRODUCTION, WASHING YIELD AND DOWN HAIR YIELD OF TUNISIAN DROMEDARY</b> <i>T. Harizi, M. Moslah</i>
02:15-02:30	<b>FIBRE CHARACTERISTICS OF TUNISIAN DROMEDARY HAIR</b> <i>S. Msahli, T. Harizi</i>
02:30-02:45	<b>MICROSCOPIC ANALYSIS OF WOOL/DROMEDARY HAIR BLENDS</b> <i>T. Harizi and F.Sakli</i>
03:00-04:00	<b>Lunch</b>

### Hall 3: Reproduction

**Chair:** Professor Marzook M. Al-Eknah

Time	Lecture
09:00-09:30	<b>Keynote: REPRODUCTION IN THE DROMEDARY CAMEL.</b> <b>Speaker: Julian A. Skidmore</b>
09:30-09:45	<b>STUDIES ON THE DEVELOPMENTAL COMPETENCE OF CAMEL (CAMELUS DROMEDARIES) OOCYTES</b> <i>A.S. Abdoon, H.A. Abdelrahman , S. I. Fathalla, M.A. Mahmoud</i>
09:45-10:00	<b>TEMOROSPATIAL PATTERNS OF PROGESTERONE AND ESTROGEN RECEPTORS AND SOME UTERINE FACTORS IN THE ENDOMETRIUM AND EMBRYO TROPHECTODERM IN THE DROMEDARY CAMELS</b> <i>Saeed Y. Al-Ramadan, Abdelhadi M. Ali; Thnian A. Althnian</i>
10:00-10:30	<b>Coffee Break</b>
10:30-10:45	<b>DEVELOPMENT AND APPLICATION OF THE REPRODUCTIVE TECHNOLOGIES TO CAMEL BREEDING</b> <i>Nabil A Hemeida</i>
10:45-11:00	<b>RECENT ADVANCES IN DROMEDARY CAMEL REPRODUCTION: AN EGYPTIAN FIELD EXPERIENCE</b> <i>El-Bahrawy, K. A., Khalifa, M.A. and S. A. Rateb</i>
11:00-11:15	<b>THE RELATIONSHIP BETWEEN OVARIAN FOLLICLE SIZE AND THEIR CONTENTS OF SEX STEROID HORMONES IN DROMEDARY SHE CAMEL</b> <i>Moustafa M. Zeitoun</i>
11:15-11:30	<b>CONFOCAL FLUORESCENCE ASSESSMENT OF BIOENERGY/REDOX STATUS OF DROMEDARY CAMEL OOCYTES BEFORE AND AFTER IN VITRO MATURATION</b> <i>Russo R, Monaco D, Rubessa M, El Bahrawy KA, El-Sayed A, Martino NA, Beneult B, Ciannarella F, Dell'Aquila ME, Lacalandra GM, Filioli Uranio M</i>
11:30-11:45	<b>EXPRESSION OF CONNEXIN 43 AND GLUT-1 GENES IN DROMEDARY CAMEL OOCYTES IN THE PRESENCE OF NATURAL PROTEIN</b> <i>Ibrahim Abdalla Hassan BARAKAT; Nada AL-TAWATY; Hassan Mamdouh El-ASHMAOUI</i>
11:45-12:00	<b>EPIDERMAL GROWTH FACTOR ENHANCED MATURATION AND BLASTOCYST RATE OF CAMEL (CAMELUS DROMEDARIUS) EMBRYOS PRODUCED BY IVF USING FROZEN SEMEN</b> <i>Ashraf El-Sayed, Hend A. Sayed, El-Sayed El- Hassanein, Hamdy Murad, Ashraf. H. Barkawi</i>
12:00-12:30	<b>Prayer Break</b>

### Hall 3: Reproduction

**Chair:** Dr. Adel A. Hozab

Time	Lecture
12:30-12:45	<b>SYNCHRONIZATION OF FOLLICULAR WAVE DURING NON-BREEDING SEASON IN DROMEDARY CAMELS (<i>CAMELUS DROMEDARIUS</i>)</b> <i>Samir Al-Bulushi, B. M. Manjunatha, N. Pratap and B. E. Hago</i>
12:45:01:00	<b>FOLLICULAR DYNAMICS OF DROMEDARY CAMELS (<i>CAMELUS DROMEDARIUS</i>): NEWER INSIGHT</b> <i>B. M. Manjunatha, N. Pratap, Samir Al-Bulushi and B. E. Hago</i>
03:00-04:00	<b>Lunch</b>

### Hall 4: Veterinary Medicine (Virology)

**Chair:** Dr. Fadil Howsawi

Time	Lecture
09:00-09:15	<b>MORBILLIVIRUS ASSOCIATED WITH RESPIRATORY INFECTIONS IN CAMELS</b> <i>Ali, Y.H.; Intisar, K.S.; Khalafalla, A.I.; Mahasin, E.A/Rahman; A/Rahman, M. B. ; Zakia, A.M; Halima, M.O, Taha, K.M; Musa, M.Z.</i>
09:15-09:30	<b>ISOLATION OF SOME RESPIRATORY VIRUSES FROM CAMELS</b> <i>Intisar, K.S.; Ali, Y.H.; Taha, K.M.; Musa, M.Z.; Khalafalla, A.I.</i>
09:30-09:45	<b>PRELIMINARY SEROLOGICAL SURVEY FOR DETECTION OF ANTIBODIES AGAINST SOME VIRAL DISEASES IN DROMEDARY CAMELS</b> <i>Abou-Zaid A., Iman, A. Kassem; Hussin, M.; Zeidan S.M.; Abd-El Hamid, Y.M. Elbalkemy, F.A. and Salama, S.A.</i>

### Hall 4: Surgery

**Chair:** Dr. Mohamed Racin Bey

Time	Lecture
09:00-09:30	<b>Keynote: FRACTURES IN THE DROMEDARY CAMEL (1890 - 2012) THEIR CLINICAL FEATURES, TREATMENT, EVALUATION OF HEALING AND COMPLICATIONS</b> <b>Speaker: Ramadan, R.O.</b>
09:30-09:45	<b>ANTINOCICEPTIVE AND SEDATIVE EFFECTS OF INTRAVENOUS BUTORPHANOL, TRAMADOL AND LIDOCAINE IN THE ONE-HUMPED CAMEL (<i>Camelus dromedarius</i>)</b> <i>A Almubarak, and R O Ramadan</i>
09:45-10:00	<b>MANAGEMENT OF MANDIBULAR FRACTURES IN CAMELS</b> <i>T.K. Gahlot</i>
10:00-10:30	<b>Coffee Break</b>
10:30-10:45	<b>OESOPHAGEAL OBSTRUCTION (CHOKE) IN DROMEDARY CAMELS (<i>CAMELUS DROMEDARIUS</i>)</b> <i>Zabady, M. K.; Fouda, T. A.; and Al-Holaibi, A.K.</i>
10:45-11:00	<b>ULTRASONOGRAPHIC FINDINGS IN CAMELS (<i>CAMELUS DROMEDARIUS</i>) WITH TRYPANOSOMIASIS</b> <i>Mohamed Tharwat</i>
11:00-11:15	<b>COMPUTED TOMOGRAPHY OF THE DROMEDARY CAMEL FOOT</b> <i>Ayman El Nahas, Usama Hagag, Walter Brehm, Ramadan O. Ramadan, Adel Al Mubarak, Kerstin Gerlach and Althnaian, T</i>
11:15-11:30	<b>Magnetic Resonance Imaging of the dromedary camel foot</b> <i>Usama Hagag</i>
03:00-04:00	<b>Lunch</b>