

# *Proceeding and Recommendation*

## TWENTY-SECOND INDIAN VETERINARY CONGRESS



XXIX Annual Conference of Indian Association for  
Advancement of Veterinary Research (IAAVR)

## **National Symposium**

on

**Advancements in Veterinary Medical Research  
contributing to “One Health” for betterment of  
Animal and Public Health and their Welfare**

**(08-04-2022 to 09-04-2022)**



। पशुधनं निस्थं सर्वलोकोपकारकम् ।  
*at*

**Rajasthan College of Agriculture (MPAUT) Udaipur**  
Organized By College of Veterinary & Animal Science, Navania,  
Vallabhnagar, Udaipur (Rajasthan)-313 601



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Research (IAAVR)

## **National Symposium**

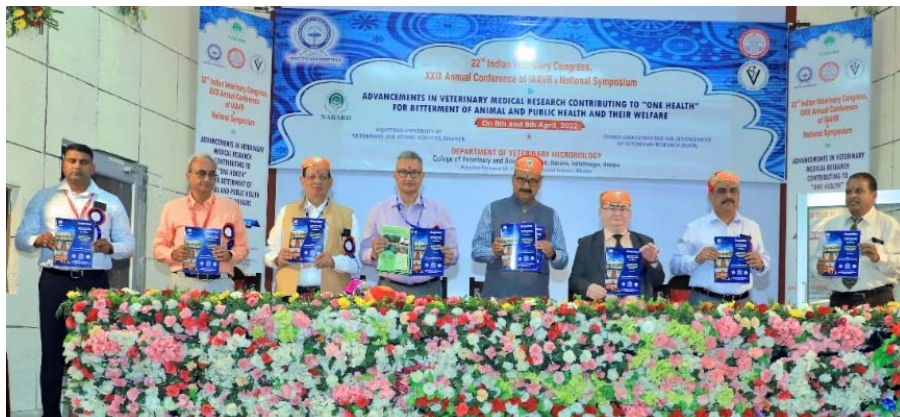
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**Advancements in Veterinary Medical Research contributing to “One Health” for betterment of Animal and Public Health and their Welfare**

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***L-R: Dr. Sudeep Solanki, Dr. R.K. Joshi, Dr. S.N. Singh, Dr. A.K. Gahlot, Dr. Satish K. Garg, Dr. N.H. Kelawala, Dr. B.N. Sharma, Dr R.K. Bagherwal***

The 22<sup>nd</sup> Indian Veterinary Congress, XXI Annual Conference of Indian Association for Advancement of Veterinary Research (IAAVR) and National Symposium on “Advancements in Veterinary Medical Research contributing to “One Health” for the betterment of Animal and Public Health and their Welfare” was organized by Indian Association for the Advancement of Veterinary Research (IAAVR) and College of Veterinary & Animal Science, Navania, Vallabh Nagar, Udaipur at Rajasthan College of Agriculture (MPAUT) Udaipur 8th-9th April 2022. Over 375 delegates from all over the country participated in the two- days Congress.



*Lightening of Lamp by Prof. N.H. Kelawala, Hon'ble Vice-Chancellor, Kamdhenu University, Gandhinagar*

The Congress was inaugurated on 08/4/2022 at the hands of **Prof. N.H. Kelawala**, Hon'ble Vice-Chancellor, Kamdhenu University, Gandhinagar, **Dr. Ashok Kumar**, ADG (Animal Health), ICAR, New Delhi, **Prof. Dr. A. K. Gahlot**, Former Vice-Chancellor, RAJUVAS, **Mrs. Priti Skhtawat**, Hon'ble MLA, Vallabh Nagar was the Guest of Honor. **Prof. (Dr.) Satish K. Garg**, Vice-Chancellor, RAJUVAS, presided over the function. **Dr. R.K. Joshi**, Dean CVAS Navania, **Dr. S.N. Singh**, President, **Dr. Rishendra Verma**, Founder Secretary & Organizing Secretary **Dr. Sudeep Solanki** were on the dais.

Among the audience, Dr. Abhijit Mishra, Prof. Dr. R.K Bagherwal, Dr Mukesh Gupta, Col. Dr. Pramod Chug, Dr A.K. Sinha, Dr. Manoj Sood, Dr. D.J. Kalita, Dr. Nitin Bhatia, Dr. N.C. Prakkash Reddy, Dr. Salauddin Qureshi, Dr. Ravi Kant, Dr. B.S. Chandel, Dr. Vikarmadity Upmanyu, Dr Maruti Modgil, Dr Shivshankar Jadhao, Dr Amanjot Singh, Dr. M.N. Brahmhatt, Dr. S.M. Byregowda, Dr. Rajeshwari Shome, Dr. Ammetha Gomes, Dr. Vivek Deshmukh, Dr K.R. Shingal, Dr. B.S. Karadaand many others graced the event.

**Award Ceremony:** A number of distinguished veterinarians were honoured for their outstanding contributions.

S. No.	Name of Award	Recipient
1.	MAJOR (MRS) MAILKA TRIVEDI IAAVR AWARD	Dr. Triveni Dutt, Director, IVRI, Izatnagar
2.	FELLOWSHIP IAAVR	Dr. B.N. Tripathi, Deputy Director General (AS), ICAR, New Dehli Dr. Mukesh K. Gupta, Professor, Department of Biotechnology and Medical Engineering, National Institute of Technology Rourkela, Odisha Dr. M.N. Brahambhatt, Principal, College of Veterinary Science, Anand (Gujarat) Dr. P.V.S. Kishore, Prof. & Head, Deptt. of Anatomy, NTR College of Veterinary Science, Ganavaram Dr. Vivek V. Deshmukh, Prof. of Microbiology, College of Veterinary Science & Animal Husbandry, Parhani Dr. Jayakrushna Das, Prof. Deptt. of Vet. Surgery, Orissa Veterinary College, Bhubneswar Orissa Dr (Col) P.K. Chug, Consulting Director, K9 Police Cell, Minsitry of Home Affairs, New Dehli Dr K. Veera Bramhaiah, Prof. Deptt of Gyanecology & Osbtetrics, Tirupati (A.P.)
3.	MRS VIMAL SHRINIVAS KSHIRSAGAR MEMORIAL LADY VETERINARIAN AWARD	Dr. Simmi Tomar, Principal Scientist, ICAR-Central Avan Research Institute, Izatnagar
4.	SHYAMA SINGH BALAMATI MEMORIAL AWARD	Dr. S. Dandapat, Principal Scientist & I/c, Immunology Section, ICAR-Indian Veterinary Research Institute, Izatnagar
5.	G.V. NARAYANKHEDKAR MEMORIAL AWARD	Dr. A.K. Sinha, Commandant, SSB, Chattisgarh
6.	DR. K.M. SUJATIA MEMORIAL AWARD	Dr. S.K. Sharma, Prof. & Head, Deptt of Vet. Medicine, College of Veterinary Science, Navania, Udaipur.
7.	PROF. RAM RAKSHA KIRAN SHUKLA AWARD	Dr. R.K. Joshi, Dean, College of Veterinary Science, Navania, Udaipur Dr. Sudeep Solanki, Asstt. Prof. Deptt of Vet Microbiology, College of Veterinary Science, Navania, Udaipur Dr. Amitha Reena Gomes, Asstt. Pro. IAH & VB, Hebbal, Bangalore

8.	GOAN GYAN PARITOSHIK AWARD	Dr. Nishant Kumar, Senior Scientist, NDRI, Karnal
9.	IAAVR MERIT AWARD	Dr. Ujjwal De, Senior Scientist, Division of Medicine, ICAR-IVRI, Izatnagar Dr. Ranjini Manuel, Deptt of Veterinary Microbiology, Veterinary College, Pookde, Kerala
10.	DISTINGUISHED VETERINARIAN AWARD	Prof. Satish K. Garg, Vice-Chancellor, RAJUVAS, Bikaner
11.	LIFE TIME ACHIEVEMENT IAAVR AWARD	Dr. S.M. Byregowda, HOD Production, IAH & VB, Hebbal, Bangalore
12.	EXCELLENCE AWARD IN CANINE MEDICINE, MANAGEMENT & TRAINING	Late Prof. S.K. Ray, Ex Director AH, Bhubneswar (Odisha)



## Release of Publications

The following publications were released:

1. Research Abstract Compendium
2. One Health Book
3. POLIVET-INTAS
4. Drishti magazine CVAS Navania



*Extracts from Inaugural Session*

**Dr S.N. Singh, President**, IAAVR said One health subject is talked and it is connected with animal and society IAAVR is the only association that interacts with all veterinary subject experts, professionals, industry, policy makers and research scientists.



**Dr. Rishendra Verma, Founder Secretary** spoke that IAAVR is multidisciplinary society for better approach to diagnosis of diseases and hence applicable to all subjects of Veterinary and Animal Sciences.



**Dr. Ashok Kumar, Guest of Honour** spoke about the schemes of ICAR that have been unveiled for doubling the farmers income through capacity building and research oriented projects



**Prof. Dr. A.K. Gahlot, Guest of Honour** congratulated to organizers and appreciated the presence of several experts from different disciplines.



**Mrs. Priti Skhtawat, Guest of Honour** spoke about the state government schemes launched for empowering the women society indulge in Livestock farming.



**Prof. N.H. Kelawala, Chief Guest**, in his address said that organizers have planned the Congress with a broader perspective.



**Prof. (Dr.) Satish K. Garg** in his presidential address talked about the opportunities for Universities to develop more farmer oriented research programmes for students.



## **Plenary Session Report**

Plenary Session –I (08 April, 2022) Time 12.30 PM to 1.45 PM

Chairman : **Prof. N.H. Kelawala**

Co-Chairman : **Prof. Satish K. Garg**

Rapporteur : **Dr. S.K. Jhirwal**

Coordinator : **Dr. Abhishek Gaurav**

In total three key note speakers addressed the session.

Key note speaker-I **Prof. (Dr.) A.K. Gahlot**

Title of Keynote: **Advancement in veterinary medical research contributing in “one health “for betterment of animal and public health and their welfare.**

### **Key points:**

- Prof. Gahlot correlated one health principle applicability with that of COVID-19 pandemic and stated that after COVID-19 pandemic principle of “one health” has become need of hour.
- He throw light on genesis of term one health and explained how term “one medicine” changed into “one health” in due course of time.
- Discussed one health facts described by OIE.
- He emphasized on the need of animal protein to combat hunger and stated that more than 70% animal protein will be required by 2050.
- He throw light on anthropological intervention and stated that human actions have altered 75% of terrestrial environment and 66% of marine environment.
- He stated that PPR-ER programme is being run by Indian govt. to eradicate PPR by 2030 and also throw light on other efforts being made by India towards “one health” mission such as establishment of call centres, development of technologies and testing capabilities, strengthening health education programme etc.
- Dr. Rishendra Verma requested Prof. Gahlot to lead an Association in regard with “one health” mission and role of veterinarians.
- Further, Chairman Dr. Kelawal asked to summarize the key note and hand over the recommendations to discuss in General body meeting.

Key note speaker-II : **Prof. (Dr.) Abhijit Mishra**

Title of Keynote : **Cow husbandry beyond milk**

### **Key points:**

- Appreciated the contribution of veterinary for increased milk production in India and stated that increase in milk production is not merely because of increase in cattle population but the credit goes to development of veterinary services and technologies with due course of time.



- Throw light over various cattle development programme running in India and also emphasized the need of some programme for non-productive and draught animal development.
- He stated that the small cattle holders should be encouraged and discussed the various problems being faced by them to sustain cattle rearing.
- He stated that 27% of net sown area is being sown by animal power and discussed importance of draught animal power for agriculture sector in India.
- He summarized economic impact of draught animal power and also discussed economic importance of various co-products of animal origin such as cow dung and urine.
- He stressed on utilization of medicinal properties of dung and urine and to make chemical profiling of these products. Further, he informed that already more than 15 patents have been made in this field.

**Key note speaker-III Prof. (Dr.) P.K. Chug**

Title of Keynote: **Need of accreditation of laboratories in India**

**Key points:**

- Discussed the importance of National Accreditation Board for Testing and Calibration Laboratories (NABL) as quality bench mark and stated that accurate and reliable laboratory testing is essential to all aspects of the health care of human beings as well as animals.
- NABL accreditation allows a lab to be at par with the international standard.
- Today NABL accreditation is widely acknowledged by the government and various regulators as a quality benchmark that ensures public health, safety, a healthy environment, economic well-being, fair trade, consumer protection, however, much is needed to be achieved when it comes to veterinary or animal disease diagnostic laboratories.
- Even today there are only 13 laboratories accredited by NABL and only 8 among universities.
- Central Military veterinary laboratory of Indian Army was the first laboratory to achieve NABL accreditation in the year 2009.
- The majority of the animal disease diagnostic laboratories in India are working under Government or Government aided self-financed institutions and performing the dual task of diagnostics and research on animal pathogens.
- There should be some regulatory requirement for central and state government laboratories to achieve it within a certain time frame. We should consider, if this august body can include it as one of the recommendations in the proceedings of the 22nd Veterinary Congress and the Annual Conference of IAAVR.

## Plenary Session Report

### Plenary Session–II (08 April, 2022) Time 3 PM to 5 PM

Chairman : **Prof. Dr. Ashok Kumar**  
Co-Chairman : **Prof. Dr. R.K. Bagherwal**  
Rapporteur : **Dr. Barkha Gupta**  
Coordinator : **Dr. Abhishek Gaurav**

In total five key note speakers addressed the session.

**Prof. Dr Sukhdev Nandi**, Principal Scientist gave his presentation on Lumpy Skin Disease in Cattle. He discussed that Lumpy skin disease virus causes a severe disease in cattle characterised by nodules in the skin. Transmission of LSD occurs via insect vectors and vaccination is the most effective means of control. LSD is caused by infection of cattle or water buffalo with the poxvirus *Lumpy skin disease virus* (LSDV). The virus is one of three closely related species within the genus capripoxvirus, the other two species being *Sheeppox virus* and *Goatpox virus*. **He elaborated the preventive measures of LSD and cross protection against other vaccines.**

**Prof. (Dr) S.N. Singh Director**, Bio Vet discussed the strategies of FMD Vaccine. **He emphasized that reporting of FMD disease or its outbreak should be proper and small ruminants should be included in the FMD vaccination/control program.** The implementation of the FMD control program has drastically reduced the incidence of FMD. However, cases are still reported, even in regions where vaccination is carried out regularly. Control of FMD outbreaks is difficult when the virus remains in circulation in the vaccinated population. Various FMD risk factors have been identified that are responsible for FMD in vaccinated areas. The factors were discussed along with strategies to address these challenges. Advantages and disadvantages of several new-generation alternate vaccine formulations were also discussed.

**Prof. (Dr) Tapan Kumar Dutta** discussed Antimicrobial Resistance & One Health aspects. One Health is the collaborative effort of multiple health science professions to attain optimal health for people, domestic animals, wildlife, plants, and our environment. The drivers of antimicrobial resistance include antimicrobial use and abuse in human, animal, and environmental sectors and the spread of resistant bacteria and resistance determinants within and between these sectors and around the globe. **We should take a One Health approach to address the problem of interdependent human, animal, and environmental dimensions of antimicrobial resistance.** This includes taking steps to preserve

the continued effectiveness of existing antimicrobials by eliminating their inappropriate use and by limiting the spread of infection.

**Prof. (Dr) A.K. Sinha**, Commandant SSB presented on the topic “Veterinary Services-The Pivot of Pandemic Management”. He discussed **the role of Veterinarian in Pandemics or in any Disaster Management**. He told the importance and functioning of the National Disaster Management Authority (NDMA), which is the apex body for Disaster Management in India and also described various recent pandemics like COVID-19, Avian Influenza, Nipah Virus Ebola etc.

**Prof. (Dr) Ujjawal Kumar**, Senior Scientist discussed the advances in Therapeutic Management of Canine Parvo Virus Enteritis. Treatment for PVE is largely supportive and symptomatic. The principal components of treatment include 1) fluid therapy, 2) antibiotic treatment, 3) antiemetic treatment, and 4) nutritional support. Maintenance of hydration and oncotic support as well as correction of acid–base and electrolyte disturbances are of utmost importance in PVE. Since subcutaneous fluid absorption is impaired in dehydrated animals, venous access is the cornerstone of fluid treatment. **Effective immunization is essential for the protection of the individual pet and the decrease of the population of susceptible animals in a region, thus promoting the “herd immunity”**. Modified live vaccines (MLVs) are currently used worldwide affording prolonged immunity that would confer protection against both disease and infection.

**SCIENTIFIC SESSION I**-The concept of Livestock health including poultry in One Health (Oral Presentation) Dated: 8th April 2022, Time: 2.30 P.M. to 5.00 P.M.

Chairman : **Dr. Satyabrata Dandapat**  
Co-Chairman : **Dr. Rajesh Nehra**  
Rapporteur : **Dr. Taruna Bhati**  
Coordinator : **Dr Deepak Kumar Sharma**

S.No.	Topic	Speaker
1.	Antibacterial properties of certain plant extracts against <i>Corynebacterium pseudotuberculosis</i> from camel ( <i>camelus dromedarius</i> )	Jeeshan Nabi
2.	Mapping of serovars distribution and seroprevalence of leptospirosis in Assam, North Eastern Region of India	K. Vinod Kumar
3.	A cross sectional study for sero-prevalence and risk factors of brucellosis in sheep and goats of Odisha, Eastern India	M. Nagalingam
4.	Management of Seasonal Dermatitis in Horses by using Leaf Extract of <i>Aerjavonica</i>	R.K.Dedar

5.	Stem Cell Laden Nano Bioscaffold with And Without Growth Factor for Bone Regeneration: A Scanning Electron Microscopic Study	Kalaiselvan E
6.	Mastocytoma In A German Shepherd Dog	Sanjiv Kumar
7.	Assessment of anti-tick activity of oil of Azadirachtaindica against adult and larval stages of Rhipicephalus microplus	MukeshShakya
8.	Therapeutic management of Notoedric Mange in cat: A case report	Rakesh Dangi
9.	Seroprevalence of Brucellosis in Raw Bovine Milk Sample in Jaipur City	Raghavendra Prasad Mishra

### SCIENTIFIC SESSION II- Role of veterinarians in meeting the challenges of health and welfare of livestock and global food security (Oral Presentation)

Dated: 8th April 2022, Time: 2.30 P.M. to 5.00 P.M.

Chairman : **Dr. Salauddin Qureshi**  
 Co-Chairman : **Dr. G.P. Jatav**  
 Rapporteur : **Dr. Dinesh Jain**  
 Coordinator : **Dr. Anita Rathore**

S.No.	Topic	Speaker
1.	Screening of Oxytetracycline Residue in Bikaneri and Jaisalmeri Camel Milk During Various Seasons	Dr. Barkha Gupta
2.	Determining The Antimicrobial Spectrum of Essential Oil Nano Emulsions and Its Role In Shelf-Life Extension Of Raw Market Chicken Meat	Dr. P.A. Anjaria,
3.	Formulation, Sensory evaluation and Proximate analysis of Camel and Buffalo Milk Nuggets	Dr. Durga Devi
4.	An Overview of Organic Dairy Farming	Himanshu Saini

### SCIENTIFIC SESSION III- Advancements in Medical Veterinary and Public Health (Oral Presentation)

Dated: 9th April 2022, Time: 9.30 P.M. to 1.00 P.M.

Chairman : **Dr. Jayakrushna Das**  
 Co-Chairman : **Dr. Harpreet Singh**  
 Rapporteur : **Dr. Manzer Alam**  
 Coordinator : **Dr. Deepak Kumar Sharma**

S.No.	Topic	Speaker
1.	Isolation and characterization of bovine herpes virus 5 (BoHV5) from cattle in India	Naveen Kumar
2.	hnRNPA1 regulates early translation to replication switch in SARS-CoV-2 life cycle	Ram Kumar
3.	Resistance evolution against host-directed antiviral agents: Buffalopox virus switches to use p38- $\gamma$ under long-term selective pressure of an inhibitor targeting p38- $\alpha$	Yogesh Chander
4.	Screening Of Bovine Semen for Detection of Bovine Viral Diarrhoea Virus Using Rt-Pcr from Organized Semen Banks of Haryana	Vishal Khaneja
5.	Early Prediction of Calf Health in Indigenous Dairy Cows Using Non-Invasive Infrared Thermography	Mir Asheq Ahmed
6.	Molecular Detection and Pathotyping of Newcastle Disease Virus in Pigeons from Karnataka, India	Gopala Lunavat
7.	Evaluation of the Antigenic Relationship between Canine Parvovirus Type 2c and other variants using in-vitro cross neutralisation assay	Hansmeet Kour
8.	First Report of Buxtonella Sulcata in Goshala Cattle Along With Its Molecular Characterization	Jitendra Tiwari
9.	RNA-Seq based transcriptome analysis of <i>Brucella abortus</i> S19 $\Delta$ per (a perosaminesynthetase gene mutant of strain S19) infected mice spleen reveals multiple activated pathways	Khushal Singh Solanki
10.	Sequencing and Phylogenetic analysis of PPR Virus from Sheep and Goats of North-Eastern Karnataka (India)	Mallinath K C
11.	phenotypic and molecular characterization of enterococcus faecalis isolated from chicken meat of Anand city with special reference to biofilm production	Soni, M.M.
12.	Isolation and identification of Mycoplasma from common respiratory infections of poultry in Andhra Pradesh	Nagendra Reddy Thopireddy
13.	Characterization of Biofilm forming Staphylococcus aureus isolated from dairy utensils and cow milk	Parul
14.	Targeted gene expression study in CSF and brain samples of rabid dogs.	S.A. Jadhav
15.	hnRNPA1 regulates early translation to replication switch in SARS-CoV-2 life cycle	Ram Kumar
16.	Expression and characterization of endotoxin-neutralizing single domain antibody clone (dAb C126) in yeast expression system using Pichia pastoris	Anu Malik
17.	Detection and molecular characterization of Parrot Bornavirus 4 (PaBV-4) in naturally infected captive psittacines in India	Pankaj Dekaa
18.	Theme: The concept of Livestock health including poultry in One Health Biosensor: An innovative approach for Animal health monitoring	Umesh Kumar Jaiswal

## SCIENTIFIC SESSION IV- Animal Science Research Priorities, Conservation, and Management (Oral Presentation)

Dated: 9th April 2022, Time: 9.30 P.M. to 1.00 P.M.

Chairman : **Dr. Shiv Kumar Sharm**  
Co-Chairman : **Dr. Suresh Jhirwal**  
Rapporteur : **Dr. Arun Jhirwal**  
Coordinator : **Dr. Anita Rathore**

S.No.	Topic	Speaker
1.	Photochemical Screening and Hepato-protective effect of fruit extract of <i>Pithecellobium dulce</i> in Albino rats	Devendra Singh
2.	Effect of dietary probiotics on pH, lactic acid, coliforms and probiotic microbial counts in endangered Asian elephants	Dharmendra Chharang
3.	Ovulation prediction by follicle and endometrial characteristics in Marwari Mares	Dinesh Jhamb
4.	Feeding practices followed for Labrador and German Shephard dogs in Jodhpur city	Dr. Ghazal Chawla
5.	Effect of Vitamin E and Selenium supplementation on performance of crossbred bulls under induced heat stress condition	Rohilla, A
6.	Livestock and climate change – mitigation options for integrated crop livestock farming	Rakesh Kumar
7.	Effect of Mitochondria-Targeted Antioxidant on Regulation of Mitochondrial Function of Buffalo Sperm During Cryopreservation	Ravi Dutt
8.	Reducing in vitro ruminal degradability of guar meal protein by malic acid-heat treatment to enhance feeding value and lowering environmental pollution	S. Thakur
9.	Antibiotics: An emerging threat in livestock and human health	Mamta Meena
10.	Study On Awareness and Risks of Zoonotic Diseases Among Livestock Owners In Vallabhnagar Area Of Udaipur District of Rajasthan	Tikam C. Goyal

## SCIENTIFIC SESSION V – Poster Presentation

Dated :8th April 2022 and 9th April 2022

Chairman : **Dr. Balwant Meshram**  
Co-Chairman : **Dr. Manisha Mathur**  
Rapporteur : **Dr. Sanjiv Kumar**  
Coordinator : **Dr. Tikam Goyal**

## DR. RISHENDRA VERMA YOUNG SCIENTIST AWARD-2022

Judges : **Dr. Mukesh Gupta, Dr. Pramod Chug, Dr. A.K. Sinha**  
 Coordinator : **Dr. Abhishek Gaurav**

S.No.	Topic	Speaker
1.	Effect of autochthonous probiotic <i>Pediococcus-pentosaceus</i> on Frequency of Diarrhoea in Pre-Ruminant Murrah Calves	Dr. Kavipriya
2.	fla SVR based Genetic diversity of Multiresistant <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolates from poultry	Jayswal
3.	Deciphering the relationship between size of preovulatory follicle on plasma estradiol, subsequent luteal profiles and conception rate in Haryana cows	Dr Saima Iqbal
4.	Prevalence And Risk Factors Associated Of Colibacillosis In Cattle Calves In Tropical Desert Region of Rajasthan	Dr. Gitesh Saini
5.	Characterization of <i>Escherichia coli</i> isolates from diarrheic calves	Dr. Tara Chand Nayak
6.	Efficacy of IgY against multidrug resistant (MDR) <i>Salmonella</i> Typhimurium	Dr. Sudesh Kumar
7.	Prevalence Of <i>Salmonella</i> Species Isolated from Poultry Farms and Chicken Meat	Dr. Aakanksha Tiwari
8.	Ameliorated Quality Attributes of Functional Kulfi wrapped with <i>Aloe vera</i> containing Bioactive Biodegradable Films	Dr. Surendra Patel
9.	Prevalence and Genetic diversity of Porcine Circovirus 2 in Southern India: an foremost Report	Dr. Kanika Mahajan
10.	Expression and characterization of endotoxin-neutralizing single domain antibody clone (dAb Cl26) in yeast expression system using <i>Pichia pastoris</i>	Dr. S. Parthiban



**International Satellite Seminar**  
**on**  
**INADEQCIES OF VETERINARY VACCINES AGINST EMERGING**  
**INFECTIOUSDISEASES IN ANIMALS INCLUDING POULTRY**  
**9th April 2022**  
**Time: 9.30 A.M. to 01.00 P.M.**

The IAAVR 2022 organized an International Satellite Seminar on “Inadequcies of Veterinary Vaccines Against Emerging Infectious Diseases in Animals Including Poultry” on 9th April2022 at Extension Department RCA Campus, Udaipur.

S.No.	Topic	Speaker
	<b>Opening Remarks &amp; Welcome address</b>	<b>Dr. Rishendra Verma</b>
	<b>Address by Chief Guest</b>	<b>Dr. B.N. Tripathi, DDG (AS)</b>
1.	Current status of Porcine reproductive and respiratory syndrome (PRRS) in India and possible scope for vaccine development	<b>Dr. Swaraj Rajkhowa</b>
2.	The quest of his-pathogen interaction mechanisms can guide ASF vaccine design.	<b>Dr. N. Barman</b>
3.	Development of a homologous lumpy skin disease virus vaccine in India	<b>Dr. Sanjay Barua</b>
4.	A vaccine to prevent SARS-CoV-2 infection in animals: Indian perspectives	<b>Dr. Naveen Kumar</b>
5.	Efforts made towards development of duck plague vaccine	<b>Dr. S. Dandapat</b>
6.	Discussion	
7.	Current shortcomings in controlling AI H5N1 by vaccination - Lessons learned"	<b>Dr. Teguh Yodiantara Prajitno</b> (Head of SBU - Animal Health & Livestock Equipment, Indonesia)
8.	Can we Align veterinary policies in the absence of harmonised definitions?’	<b>Dr. Shabbir Simjee, U.K. ELANCO</b>
9.	Ban on poultry vaccine and consultative scientific views on H5N1 vaccination	<b>Dr. Rishendra Verma</b>
10.	Strategy Of FMD Vaccination for National Economic Benefit Under PPP	<b>Dr. S.N. Singh</b>
11.	Indigenous Production of Purified Protein derivative (PPD) diagnostic for cattle	<b>Dr. Rishendra Verma</b>
	Open Forum Comments from Panelists/ Delegates	

The other eminent technocrats attending the workshop were Dr. Manoj Sood, Dr. D.J. Kalita, Dr. Nitin Bhatia, Dr. N.C. Prakkash Reddy, Dr. Salauddin Qureshi, Dr. Ravi Kant, Dr. B.S. Chandel, Col. Dr. Pramod Chug, Dr. Vikarmadity Upmanyu, Dr. Maruti Modgil, Dr Shivshankar Jadhao, Dr. Amanjot Singh, Dr. M.N. Brahmabhatt, Dr. S.M. Byregowda, Dr. Rajeshwari Shome, Dr. Ammetha Gomes, Dr. Vivek Deshmukh, Dr K.R. Shingal, Dr. B.S. Karada.



**RECOMMENDATIONS**  
of  
**XXIX Annual Conference of Indian Association for Advancement of Veterinary  
Research (IAAVR)**

**National Symposium**

on  
**Advancements in Veterinary Medical Research contributing to “One Health” for  
betterment of Animal and Public Health and their Welfare**  
**(08-04-2022 to 09-04-2022)**

The policy planners, research workers and other stake holders may focus on following priority areas for augmenting productivity, Public Health and animal welfare.

**Valedictory Function**

The valedictory ceremony of IAAVR 2022 was conducted in the RCA Auditorium on April 9<sup>th</sup> from 3.30 PM to 5:30 PM. The event began with the welcome of the Chief Guest, **Dr. Umesh Sharma, President, Veterinary Council of India** by Dr. R.K. Joshi Dean CVAS Navania.

Vote of thanks was delivered by **Dr. Sudeep Solanki**, (Organizing Secretary IAAVR 2022). He thanked Chief guest, Guest of honor, Founder Secretary IAAVR and President IAAVR. He also specially mentioned very much thankful to the academicians, research scholars, students and participants key sponsor, the media partners and photographers.

**List of awards**

S. No.	Session Oral/ Poster	1 <sup>st</sup> Position	2 <sup>nd</sup> Position	3 <sup>rd</sup> Position
1.	I - The concept of Livestock health including poultry in One Health	Ashok Kumar	E. Kalaiselvan	M. Nagalingam
2.	II - Role of veterinarians in meeting the challenges of health and welfare of livestock and global food security	Durga Devi	Barkha Gupta	P.A. Anjaria
3.	III - Advancements in Medical Veterinary and Public Health	Yogesh Chander	Kushal Singh Solanki	Jitendra Tiwari
4.	IV-Animal Science Research Priorities, Conservation, and Management	Ravi Dutt	Nishant Kumar	Dr. Devendra Choudhary, Dr. Mamta Meena
5.	Poster Session I & II	Ravi Dutt	U.M. Tumlam	Sarita Mahicha
6.	Poster Session III	Ram Kumar	Shivali Khandelwal	Kushal Singh Solanki
7.	Poster Session IV	Bhakat Mukesh	Tikam C. Goyal	Amandeep
<b>Young scientist award</b>				
1.	1 <sup>st</sup> Position	Aakanksha		
2.	Consolation	Anu Malik		

