



International e-Conference on “Immunology in 21st Century for Improving One Health”
Friday & Saturday 7-8th August 2020
Technical Programme

Technical programme

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| Day 1: August 7, 2020 (Friday) | |
| Inaugural Function (2.30 - 3.30 PM) | |
| Dr Sanjeev Balyan, Minister of State, DAHD, Govt of India, Chief Guest of the function Dr R.K. Mittal, Vice Chancellor, SVPUAT, Meerut, India, Chairman of the function Dr Praveen Malik, Animal Husbandry Commissioner, Govt. of India, Guest of Honour Dr Sarman Singh, Dean AIIMS, Bhopal, India, President SIIP Dr R.S. Chauhan, Former Director, ICAR-IVRI, Izatnagar, Secretary General, SIIP, India Dr Ravindra Kumar, Dean, CoB, SVPUAT, Meerut, India, Convenor of the conference Dr Rajbir Singh, Dean CoVAS, SVPUAT, Meerut, India, Convenor of the conference Dr Amit Kumar, Associate Professor, IDM, CoB, SVPUAT, Meerut, India, Organizing Secretary | |
| Post Inaugural Function | |
| Scientific Session 1: One health strategies to control zoonoses in present scenario Date: 07.08.2020, Time: 3.30–6.30 | |
| Chairman: Dr B.N. Tripathi, DDG (AS), ICAR, New Delhi, India Chairman: Dr R.S. Chauhan, Former Director, ICAR-IVRI, Izatnagar & Sec. General, SIIP, India Moderator: Dr Amit Kumar Verma, SVPUAT, Meerut, India Rapporteur: Dr Vinod Kumar Singh, DUVASU, Mathura, India Dr Vikas Gupta, CCS NIAH Baghpat, India | |
| 1. | Role of the OIE during the current pandemic and preparation for future emerging infectious diseases <i>Lesa Thompson</i> |
| 2. | One Health: Current scenario and future prospects <i>Ashok Kumar, H Dhanze, MS Kumar, AAP Milton and S Ghatak</i> |
| 3. | COVID-19: A zoonosis <i>BR Singh, R. Karthikeyan, Akanksha Yadav</i> |
| 4. | Management, prevention and control of brucellosis in bovines under endemic situation in India |



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| | <i>Puran Chand</i> |
| 5. | Global Initiative For Biological Threat Reduction <i>Ravindra Sharma</i> |
| 6. | Stepping forward on animal rabies surveillance and control strategies in India <i>Shrikrishna Isloor</i> |
| 7. | Molecular epidemiology of rabies virus in domestic animals <i>Arun C. Patel, Maulik G. Patel, Samir H. Raval, Sandip S. Patel, Mehul D. Shrimali, Rohit S. Parmar, H. C. Chauhan</i> |
| 8. | Antimicrobial Resistance in Wild Birds <i>Harshita Raghav, Joycee Jogi, Kajal Jadav, Nidhi Rajput and Ranvijay Singh</i> |
| 9. | Methicillin resistance coagulase negative staphylococci (MR-CONS): an emerging bovine mastitis pathogen <i>Solanki K. M., Prajapati B. I., Katira B. P., Patel A. C. and Singh R.D.</i> |
| 10. | Prevalence of beta-lactamases possessing and biofilm producing virulent <i>Escherichia coli</i>(STEC) of sheep and goats origin from west bengal <i>Abhiroop Banerjee, Kunal Batabyal, Samir Dey, Siddhartha Narayan Joardar, Indranil Samanta, Devi Prasad Isore and Abhishek Dharm Singh</i> |
| 11. | Calcium signaling pathway leads to invasion and persistence of <i>Mycobacterium avium subsp. paratuberculosis</i> (MAP) infection in goats <i>K. Gururaj, Deeksha Gupta, Anjali Pachoori, Shalini Sharma, Anil Kumar Mishra and Shoorvir Singh</i> |
| 12. | Studies on prevalence of brucellosis in Bandhavgarh and Jabalpur in Madhyapradesh <i>Renuka Patel, Shreya Dubey, R.V. Singh, Bhavana Gupta, Kiran Jadhav, Braj Mohan Singh Dhakad, Divya soni, Ajay Rai and Kajal Jadhav</i> |
| 13. | One Health Approach : Importance in Indian Context <i>R. N. Waghmare and V. V. Deshmukh</i> |
| 14. | One health approaches for understanding and mitigation of pandemics <i>Samir Das, AAP Milton, Sandeep Ghatak, K Puro and Arnab Sen</i> |
| 15. | Shiga Toxin-Producing <i>Escherichia coli</i> in Captive Animals and Birds <i>Amla, S. Dey, K. Batabyal, S. N. Joardar, I. Samanta and D.P. Isore</i> |
| 16. | Management of chickpea wilt disease using vermicompost and bioagent <i>Sangita Sahni, Sanjeev Kumar and Bishun Deo Prasad</i> |
| 17. | Development of a dual-gene PCR assay for simultaneous amplification of structural and non-structural genes of bovine |



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| | rotavirus A <i>Vandana Gupta, Anju Nayak, Madhu Swamy and R. V. Singh</i> |
| 18. | Gravity model, Epidemiology and Real-time reproduction number (Rt) estimation of Covid-19 pandemic in South Asian Association for Regional Cooperation (SAARC) countries <i>Vinodh Kumar O. R, J. Nagaraj, Ganesh Balasubramanian D.K. Sinha, B.R. Singh, Y.S. Malik and K. Dhama</i> |
| Day 2: August 8, 2020 (Saturday) | |
| Scientific Session 2: Current trends in Immunodiagnosis and Immunopathology Date: 08.08.2020, Time: 9.00 - 11.30 | |
| Chairman: | Dr R. K. Singh, Director & VC, ICAR-IVRI, Izatnagar, India |
| Chairman: | Dr Yashpal S. Malik, ICAR-IVRI, Izatnagar, India |
| Moderator: | Dr Amit Kumar, SVPUAT, Meerut, India |
| Rapporteur: | Dr Sandeep Singh, CCS NIAH Baghpat, India Dr Aman Kumar, LUVAS, Hisar, India |
| 19. | One-Health approach to understanding, prevention and control of COVID-19 <i>Souvik Ghosh</i> |
| 20. | Nanobodies for immunodiagnostics and immunotherapy, with particular reference to COVID-19 control <i>Ajit Singh</i> |
| 21. | Multiplex Luminex Assay Tools in Veterinary and Medical Research <i>Sushila Maan, Monika Punia, Kanisht Batra, Aman Kumar, Narender S Maan</i> |
| 22. | A review on symptoms and transmission of COVID-19 along with Immunodiagnostic approaches <i>Vibha Yadav, R.K. Joshi and R.P. Diwakar</i> |
| 23. | Evaluation of brain sample collection through foramen magnum vis-a-vis conventional skull open methods for diagnosis of rabies in suspected animals <i>Mohamed Ghouse, H, Shrikrishna Isloor and Satyanarayan, M.L.</i> |
| 24. | Immunoreactive polypeptide profiles of sarcocystis fusiformis using hyperimmune and naturally infected serum <i>Amit Singh, Daya Shanker and Amit kumar Jaiswal</i> |
| 25. | Development of on-site and laboratory based assays for detection of <i>Staphylococcus aureus</i> targeting nuclease gene <i>G. B. Priya, R. K. Agrawa, A. A. P. Milton, S. K. Mendiratta, Bhoj R. Singh, D. Kumar, R. K. Gandham</i> |



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| 26. | Expression of Caveolin-1, c-erbB2 and BRCA1 in spontaneous Canine Mammary Tumours- Diagnostic and Prognostic Significance <i>D. P. Das, C. Balachandran, S. Hemalaatha, B. Jena</i> |
| 27. | Pathomorphological and cytological detection of Marek's disease in poultry <i>Sarjna, Meena, Rohitash Dadhich, DharmSingh Meena, Sunita Ran, Indu Vyas and Anita Rathore</i> |
| 28. | The symptoms and transmission of COVID-19 with special reference to Immunodiagnostic approaches <i>Vibha Yadav, R.K. Joshi and R.P. Diwakar</i> |
| Scientific Session 3: Vaccines and immunotherapies preventing infectious diseases like COVID-19 Date: 08.08.2020, Time: 11.30 AM- 1.30 PM | |
| Chairman: | Dr S. K. Garg, Former VC, DUVASU, Mathura & Director, CAEHS, Meerut, India |
| Chairman: | Dr Ramneek, Professor cum Director, College of Animal Biotechnology, GADVASU, Ludhiana, India |
| Moderator: | Dr Rajesh Kumar, GBPUAT, Pantnagar, India |
| Rapporteur: | Dr Rajesh Mandil, SVPUAT, Meerut, India Dr Harshit Verma, SVPUAT, Meerut, India |
| 29. | Vaccine race for COVID-19: How close to we are to finish line <i>Bhanu Pratap Singh</i> |
| 30. | Potential adjunct immunomodulatory approach to leishmania therapy <i>Sunil K. Arora</i> |
| 31. | Cancer Immunotherapy: Present and Future <i>Shailbala Singh</i> |
| 32. | Pandemic Novel Coronavirus Disease 2019 (COVID-19): The unseen and unsaid <i>Shailendra K Saxena</i> |
| 33. | Immunogenicity of recombinant <i>NanB</i> N-terminal protein of <i>Pasteurella multocida</i> B:2in mouse model <i>Awadhesh Prajapati, Nihar Nalini Mohanty, R. Yogisharadhya, M. Chanda, and S. B. Shivachandra</i> |
| 34. | Antiviral and Immunological roles of bovine Interferon Lambda-3 <i>Barathiraja S, Dechamma H.J and G.R.Reddy</i> |
| 35. | Novel properties of Nanoselenium particulates as antioxidants over conventional elemental selenium <i>Dipali Patil, M. Usharani, A.G. Gopala Reddy, B. Kalakumar, Sanjay Londhe</i> |



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| 36. | Exploring iron oxide nanoparticles induced immunotoxicity and oxidative stress in chicken lymphocytes as part of biosafety <i>Dimple Kaushal, Tanuj Kumar Ambwani and Sonu Ambwani</i> |
| 37. | Toll-like receptor signalling: role in megakaryocyte development and immune regulation <i>Narasaiah Kovuru and Ravi Kumar Gutti</i> |
| 38. | Study on immunological response of anti-rabies vaccine in dogs and assessment of respondents in jabalpur <i>Shreya Dubey, Renuka Patel, Divya Soni, Braj Mohan Singh Dhakad, R.V. Singh, Bhavana Gupta, Ajay Rai, Anju Nayak, Kajal Jadhav and Devendra Gupta</i> |
| 39. | Effect of selection on cytokine response induced <i>Salmonella</i> Typhimurium Lipopolysaccharide in native nicobari fowl of A&N Islands <i>T. Sujatha, Jai sunder, R. R. Alyethodi, A. K. De., Sneha Bhowmick and S. C. Mayuri</i> |
| 40. | Evaluation of the efficacy of calcium phosphate nanoparticles as an adjuvant system for provoking an efficient cell mediated immune response <i>Yashpal Singhand Mumtash Kumar Saxena</i> |
| 41. | Metal nanoparticles based cancers’ theranostics as potential strategy for one health approach <i>Yogesh Pandey and Sonu Ambwani</i> |
| Scientific Session 4: Young Scientist presentation Date: 08.08.2020, Time: 1.30-2.30 PM | |
| Chairman: | Dr Ravindra Sharma, Former Director Research, LUVAS, Hisar, India |
| Moderator: | Dr Munish Batra, GBPUAT, Pantnagar, India |
| Rapporteur: | Dr Arbind Singh, SVPUAT, Meerut, India |
| 42. | Pathological and molecular study of squamous cell carcinomas in dogs <i>Abhilasha Dadhich</i> |
| 43. | Studies of few myxosporeans of <i>Thelohanellus</i> genus (Cnidaria: Myxozoa) infecting cyprinids from India <i>Aditya Gupta</i> |
| 44. | Prevalence, molecular typing and antibiotic resistance of <i>Clostridium perfringens</i> free range ducks in Northeast India <i>Arun Prince Milton, G. Bhuvana Priya, M. Angappan, Rajkumari Sanjukta, Samir Das, Sandeep Ghatak, Arnab Sen</i> |
| 45. | Antiviral and immunological roles bovine interferon lambda-3 <i>Barathiraja S, Dechamma H. J and G. R. Reddy</i> |



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| 46. | Covid 19 Pandemic – futuristic approaches at workplace <i>Garima Pundir</i> |
| 47. | Immunogenic potential of outer membrane protein and deuterium (D ₂ O) as an adjuvant in <i>Haemorrhagic septicaemia</i> subunit vaccine <i>Joycee Jogi and Anju Nayak</i> |
| 48. | Time dependent serological responses against inactivated PRRS virus and their correlation with multiplication and excretion of homologous virus <i>Pandey, M. K., Rajukumar, K., Senthilkumar D., Kombiah S., and Singh, V.P.</i> |
| 49. | Recombinant NS1-NS3 fusion antigen of bluetongue virus: A suitable diagnostic candidate <i>Nihar Nalini Mohanty, R Yogisharadhya, Awadesh Prajapati, Sanchay Kumar Biswas, M A Ramakrishnan, Sathish B Shivachandra, Divakar Hemadri</i> |
| 50. | SARS-CoV-2 spike glycoprotein and ACE2 interaction reveals modulation of viral entry in different hosts <i>Manas Ranjan Praharaj, Priyanka Garg, Raja Ishaq Nabi Khan, Shailesh Sharma, Manjit Panigrahi, B P Mishra, Bina Mishra, Trilochan Mohapatra, Subeer Majumdar, R.K Singh and Ravi Kumar Gandham</i> |
| 51. | Emergence of HA-MRSA associated SCCmec elements spillover to CA-MRSA and LA-MRSA in India <i>Vinod Kumar Singh, Amit Kumar, Suman and Sharad Kumar Yadav</i> |
| Scientific Session 5: Immunomodulation for prevention and control of diseases Date: 08.08.2020, Time: 2.30 - 5.00 PM | |
| Chairman: Dr M.P. Yadav, Former Director & VC, ICAR-IVRI & VC, SVPUAT, Meerut, India Chairman: Dr Ashok Kumar, ADG (AH), ICAR, New Delhi, India Moderator: Dr J.S. Sohal, Amity University, Jaipur, India Rapporteur: Dr Prabhaker, SVPUAT, Meerut, India Dr Akshay Garg, SVPUAT, Meerut, India | |
| 52. | Immunomodulation of <i>Mycobacterium avium subsp. paratuberculosis</i> antigen in human and animals: an introduction of valuable research target <i>Eiichi Momotani, Takashi Kuribayashi, Davide Cossu</i> |
| 53. | Role of Immunomodulation in Prevention and Control of New Infectious Diseases in Man and Animals <i>RS Chauhan</i> |



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| 54. | Repurposing novel herbal compounds as alternate medicine for COVID-19 <i>Lavleen Gupta</i> |
| 55. | Herbs for immunity and health of livestock: traditional knowledge to modern approach <i>Anoop Kalra</i> |
| 56. | Relation between Nutrition and Immunity <i>S. Solanki and Durga Devi</i> |
| 57. | Insight of Ayurveda: To combat pandemic through immunomodulation <i>Amit Kumar Verma, Desh Deepak, Amit Kumar, Arbind Singh and Anu Rahal</i> |
| 58. | Indigenous herbs can be a promising drug for cure of brucellosis <i>Anu Rahal and K. Gururaj</i> |
| 59. | Evaluation of cytokines mediated immunopotentiating activity of <i>Eclipta alba</i> (L.) hassk. in chicken lymphocytes culture system <i>Raunak Sharma, Sonu Ambwani and Tanuj Kumar Ambwani</i> |
| 60. | Beneficial effect of <i>Ajuga bracteosa</i> with special reference to immunomodulatory effect: an overview <i>Rekha Bisht and Dharmendra Kumar</i> |
| 61. | Immunomodulatory properties of white button mushroom <i>Satish Kumar Sinha, Tarun Kumar Upadhyay, Sushil Kumar Sharma, Manju Sharma</i> |
| 62. | Dietary Administered purified β -glucan of edible mushroom (<i>Pleurotus florida</i>) provides immunostimulation and protection in broiler experimentally challenged with virulent new castle disease virus <i>Gopi Muthusamy, Siddhartha Narayan Joardar, Indranil Samanta, Devi Prasad Isore, Barun Roy and Tapas Kumar Maiti</i> |
| Poster Presentations | |
| 63. | Comparative evaluation of growth performance and immune response of Hansli×CSML cross chickens reared in intensive and semi-intensive systems <i>A. Champati, L. Samal, N.C. Behura, N. Sahoo, P.K. Pati, D.P. Das, S. Muduli and H.K. Popalghat</i> |
| 64. | Molecular characterization of predominant unculturable microbiota from feces of captive and wild sloth bears <i>A. Sha. Arun, V. Lyju Jose, Veerasamy Sejian and Raghavendra Bhatta</i> |
| 65. | Haemato-biochemical responses in indian elephants (<i>Elephas maximus indicus</i> linnaeus, 1758) serologically positive for trypanosomiasis |



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| | <i>Aman Dev Moudgil and Lachhman Das Singla</i> |
| 66. | Histogenesis of Peyer's patches in ileum of prenatal goat (<i>Capra hircus</i>) <i>Abhinav Verma, MM Farooqui, Ajay Prakash, Archana Pathak, SP Singh, Varsha Gupta and Prabhakar Kumar</i> |
| 67. | <i>Terminalia arjuna</i> (Roxb.) hydromethanolic extract ameliorates immune status through inhibition of inflammation in chicken lymphocytes culture system <i>Himani Singh and Sonu Ambwani</i> |
| 68. | Molecular investigation into the case of poultry mortality suspected of Newcastle disease indicated otherwise: a diagnostic challenge <i>K. Puro, A. Duarah, PA Wankhar, S. Doley, S. Das, AAP. Milton, S. Ghatak and A. Sen</i> |
| 69. | CD31 and Vimentin immunopathological study on vascular tubular interaction in I/R AKI rats <i>Amita Dubey, K.S. Prajapati, B.P.Joshi, Prashant G.J., Joycee Jogi and Amita Tiwari</i> |
| 70. | Metagenomic based comparative analysis of mastitic milk in bovine <i>Anamika Bhardia, Surendra Upadhyay, Malyaj R Prajapati, Aakansha Singh, Amit Kumar, Jitender Singh and Pankaj Kumar</i> |
| 71. | Intestinal coccidiosis and mycoplasmosis in commercial rabbit in Haryana: a case report <i>Anand Prakash, Babulal Jangir, Vaishali, Ramesh Kumar, Gulsan Narang, Naresh Jindal</i> |
| 72. | Concurrent occurrence of classical swine fever and swinepox in a piggery unit in Haryana <i>Anand Prakash, Ramesh Kumar, Dinesh Mittal and Naresh Jindal</i> |
| 73. | Multilocus sequence typing (MLST) of shiga toxinogenic <i>Escherichia coli</i> of neonatal calves, dairy workers and their surrounding environment <i>Angappan M, R. K. Agarwal, Prasad Thomas, Sophia Inbaraj, Asha Kumari Verma, C.K. Athira, A. Arun Prince Milton, Sandeep Ghatak</i> |
| 74. | Occurrence and pathological conditions of parovarian cyst in genital tract of cattle <i>Anita Rathore, Hemant Dadhich and Sarjameena, Kamal Purohit, Goverdhan Singh</i> |
| 75. | Functional perspective of iNOS-Rac2 interaction in neutrophil extracellular traps (NETs) induced cytotoxicity in sepsis <i>Anupam Jyoti, Sanni Kumar, Sudhir Mehta</i> |
| 76. | Comparison of gut microbiome composition between wild and captive leopard (<i>Panthera pardus</i>) from faeces by high-throughput sequencing <i>Attur Shanmugam Arun, V. Lyju Jose, Veerasamy Sejian and Raghavendra Bhatta</i> |



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| 77. | Rumen liquor from slaughtered goats: source of antimicrobial peptide <i>Barathiraja S and Thanislass</i> |
| 78. | Waterborne cryptosporidial zoonosis and its risk factors <i>Bharathy S, Asokkumar M, Anusha S. A, Balaji N, Jayakumar M, Haribalaji S</i> |
| 79. | Biofilm forming ability of methicillin resistant <i>Staphylococcus aureus</i> (MRSA) of bovine origin <i>Chandras Sannat, S. D. Hirpurkar, Tripti Jain, Nidhi Rawat and S. M. Tripathi</i> |
| 80. | Immunopathological studies of combined effect of copper and aluminium nanoparticles in wistar rats <i>Charu Rathor and R. S. Chauhan</i> |
| 81. | Molecular confirmation of Peste des Petits Ruminants (PPR) outbreak in organized gross bred Jamunapari goat farm in Tamil Nadu <i>S. Chitradevi, S. Sivaraman and K. Sukumar</i> |
| 82. | Radioprotective activity of purified exopolysaccharides isolated from <i>Lactobacillus</i> species <i>Darshini S. M., Pradeepa, Anushri U., Manasadeepika, Anushree M., Chithralekha Salian, Prabhakar B.T., Srinivas Mutalik, Manjunatha B. K., Vidya S.M.</i> |
| 83. | Immunopathology of combined effect of nano-calcium and nanoaluminium in Wistar rats <i>Deeksha and R.S. Chauhan</i> |
| 84. | Comparative analysis of recombinant omp28 protein based in house ELISA and RBPT for detection of <i>Brucella abortus</i> in bovines <i>Deepti Singh, Amit K. Verma, Sharad Kumar Yadav, Amit Kumar and Lalita Sharma</i> |
| 85. | Anticoccidial and immuno-modulatory effects of Ginger (<i>Zingiber officinale</i> Rosc) (Family: Zingiberaceae) against experimental coccidiosis in poultry <i>Vineet Kumar Sharma, R. K. Agnihotri and Devina Sharma</i> |
| 86. | <i>In silico</i> identification and characterization of toll like receptor, an immune related gene of <i>Camelus dromedarius</i> <i>Dhirendra Suthar, Mukul Purva, Kritika Gahlot, Anupama Deora, Sunil Maherchandani</i> |
| 87. | Effects of cadmium and <i>Spirulina platensis</i> administration on serum biochemical attributes in chickens <i>Himayun Rashid, Munish Batra and R. S. Chauhan</i> |
| 88. | Effect of antioxidants (E care se) on the serum progesterone level in postpartum anoestrus crossbred cows of Assam <i>Jumi Dutta, Sarma, S.</i> |



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| 89. | Hormone Receptors and Cancer Stem Cell Markers in Canine Mammary Carcinomas <i>Krithiga K, Arya Aravind, Arathi Rajan, Geetu Rose Varghese, Neetha R. L., Neethu Krishnan, Dipyaman Patra and Priya Srinivas</i> |
| 90. | Prevalence of anthrax in livestock in Karnataka <i>Mohan, H.V and Dr.Suguna Rao</i> |
| 91. | Acute cardiac failure in Holstein Friesian cow <i>Solanki Krunal J, Patel Jignesh M., Vihol Priti D., Raval J.K., Urukude Atul P.</i> |
| 92. | Assessment of rabies post vaccinal seroconversion in free roaming dogs in Bengaluru by RFFIT and validation of an in-house IELISA <i>Lekshmi J. Das, Shrikrishna Isloor, Santhosh, A. K.</i> |
| 93. | Haematobiochemical alterations leading to immunosuppression in dogs affected with <i>Hepatozoon canis</i>: A short study <i>Maneesh Sharma, Tarun Kumar, Divya Agnihotri, Neelesh Sindhu and V.K. Jain</i> |
| 94. | Molecular modelling of anticancer derivatives of andrographolide from <i>Andrographis paniculata</i> <i>Mani Srivastava and Shivam Chauhan</i> |
| 95. | <i>In silico</i> screening of purarin derivatives for the treatment of covid-19 <i>Mani Srivastava and Shivam Chauhan</i> |
| 96. | Pathological and haemato-biochemical study of fibrosing dermatitis in camel—a case report <i>Manisha Mathur, Abhilasha Dadhich, Manish Agarwal and Hemant Dadhich</i> |
| 97. | Evaluation of insect cell expressed porcine circovirus type2 (PCV-2) Orf-2 virus like particles (VLPs) as vaccine candidate in mice model <i>Mohan Jairath, Dipak Deka and Ramneek Verma</i> |
| 98. | High sensitivity c - reactive protein: A potential biomarker for overweight/obese complications <i>Mohammad Mustufa Khan, Priyank Bharati, Tarun Kumar Upadhyay, Fahad Khan</i> |
| 99. | Concurrent infection of swine pox and exudative epidermitis in a piggery unit in Haryana, India <i>Pallavi Moudgil, Anand Prakash, Deepika Lather, Vikas Nehra, Dinesh Mittal and Naresh Jindal</i> |
| 100. | Determination of progesterone concentration in milk of Jakhrana goats by using ELISA <i>Nandini Sharma, S. P. Singh, N. Ramachandran, Alok Bharadwaj, M. K. Singh</i> |
| 101. | Autoimmune haemolytic anemia in a dog <i>Neeraj Kumar, RS Chauhan and Munish Batra</i> |



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| 102. | Immunopathological effects of copper nanoparticles in wistar rats <i>Neeraj Singh Mewari and RS Chauhan</i> |
| 103. | Immunomodulation as a rescue for chronic wound healing <i>Neha Saxena, Sreemoyee Chatterjee, Nidhi Gupta</i> |
| 104. | Asuspected outbreak of contagious ecthyma (Orf) in goat flock at a village Koti, Uttarakhand <i>Nitika Sharma, A.K. Dixit, Sandeep Kumar, K Gururaj, Anil Kumar Mishra, Ashok Kumar, DK Sharma, Anu Rahal and RVS Pawaiya</i> |
| 105. | Artificial Intelligence: An integral asset for COVID-19 detection <i>Pramod Gware, Ravindra Kumar Jain, Deepanshu Gulati</i> |
| 106. | SARS-CoV-2 mediated inflammatory response in host: Pathways and therapeutic strategies in treating respiratory infection <i>Purva Asrani and Md. Imtaiyaz Hassan</i> |
| 107. | Introducing bioinoculants and legumes to combat the post feldspar mining effects on the immunity of mining areas in Rajasthan <i>Rajbala Junia, Neelam Jain, Jagdip Sohal, Deepansh Sharma, Neeraj Khare and G.K. Aseri</i> |
| 108. | Immunomodulatory potential of <i>Terminalia chebula</i> , <i>Terminalia bellerica</i> and <i>Emblica officinalis</i> <i>Rajkishor Gogoi and Mamta Meena</i> |
| 109. | Pathomorphological changes in lungs of poultry affected with chronic respiratory disease with special reference to immunohistochemical study <i>Rakesh Kumar Gupta, Debasish Niyogi, Krishna Kant Tripathi, Rajesh Kumar Joshi, Namita Joshi, Satya Vrat Singh and Vinod Kumar Varun</i> |
| 110. | Assessment of avian <i>E. coli</i> isolates for in-vitro biofilm production assays <i>Ayushi Singh, Daljeet Chhabra, Rakesh Sharda, Rakhi Gangil, Sachin D. Audarya and Ravi Sikrodia</i> |
| 111. | Effect of salinity on morphology, growth and yield of <i>Cicer arietinum</i> and <i>Vigna radiata</i> <i>Ravindra Kumar Jain and Pramod Gware</i> |
| 112. | Anti-inflammatory and antioxidant effects of ready-to-eat nutraceutical <i>Mrityunjaya M, Pavithra V, Neelam R, Janhavi P and Ravindra P V</i> |
| 113. | Genotypic Detection of ESBL producing antimicrobial resistance gene in <i>E. coli</i> isolated from Poultry <i>Patel S. S., Patel A. C., Chauhan H. C., Sharma K. K., Shrimali M. D., Prajapati B. I., Mohapatra S. K and Chandel B. S.</i> |
| 114. | Way forward for prevention and control strategies for porcine brucellosis in Meghalaya <i>Samir Das, I Shakuntala, Lavinia Wahlang, AAP Milton, K P Suresh, Rajkumari Sanjukta, Sandeep Ghatak, K Puro and Arnab Sen</i> |



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| 115. | Global Economic Impact of COVID - 19 <i>Sandeep Chaudhary, N T Pramathesh Mishra</i> |
| 116. | Development of recombinant TAMS 1 protein based dot-ELISA for sero-detection of <i>Theileria annulata</i> <i>Sanjhi Paliwal, Daya Shanker, Vikrant Sudan</i> |
| 117. | Chronic dietary exposures of chlorpyrifos and cypermethrin dysregulate apoptosis pathway in mouse lung <i>Shaikh Nasrul Islam, S. S. Sodhi, C. S. Mukhopadhyay, Ramneek and R. S. Sethi</i> |
| 118. | <i>In vivo</i> kinetics of CD4 and CD8T cells and cytokine responses in <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP) infected and vaccinated goats <i>Shalini Sharma, Ajay Gautam, Shoorvir Singh, Kundan Kumar Chaubey, Manoj Kumar Rose, Yogesh Bangar and K Gururaj</i> |
| 119. | Convalescent Plasma Therapy efficacious against SARS-CoV-2 <i>Smile</i> |
| 120. | Evaluation of anti-inflammatory and immune-modulatory response of certain herbs in clinical cases of bovine mastitis <i>Snehal Nirwan, Reena Mukherjee and Arbind Singh</i> |
| 121. | Immunological responses on feeding of cow beta-casein variants (A1/A2) in mice <i>Somesh Meshram, Geeta Chauhan, Sanjod Kumar Mendiratta, Neha Thakur, Pranav Chauhan, Serlene Tomar, Sadhana Ojha and Deepali Sakunde</i> |
| 122. | Effect of summer seasons on histology of bursa of Fabricius in Turkey <i>S. P. Singh, M. M. Farooqui, Ajay Prakash, Archana Pathak, Parbhakar, Kumar Abhinov and Varsha</i> |
| 123. | Incidence of bovine brucellosis in well organized Gaushala and analysis of risk factors in humans <i>Sudeep Solanki Durga Devi, Aves Khan</i> |
| 124. | Assessment of biofilm producing <i>Staphylococcus epidermidis</i> in skin and soft tissue infections in tertiary care hospitals <i>Suman, Lalita Sharma, Vinod Kumar Singh, Amit Kumar and Sharad Kumar Yadav</i> |
| 125. | An metagenomic investigation of uterine microbiota in healthy and metritic dairy cows <i>Surendra Upadhyay, Anamika Bhardia, Malyaj R Prajapati, Aakansha Singh, Amit Kumar, Jitender Singhand Ravindra Kumar</i> |
| 126. | Indirect immuno-stimulant property of prostaglandins strikes for treatment of buffalo endometritis <i>Thangamani A, Manda Srinivas, Chandra Prasad. B and K. Sadasiva Rao</i> |
| 127. | Badri cow urine: chemical finger printing and its relationship with immunomodulation <i>Tulsa Devi, Prachi Jaiswal, BN Shahi and RS Chauhan</i> |
| 128. | Bovine mastitis and antibiogram status of mastitic milk |



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| | <i>Vandna Bhanod, Anand Prakash, Pankaj Kumar, Ramesh Kumar and Naresh Jindal</i> |
| 129. | Detection and molecular characterization of peste des petits ruminants virus from goat flocks in Ambala district of Haryana <i>Vandna Bhanot, Aman Kumar and Naresh Jindal</i> |
| 130. | A rare etiology lung abscess in a New Zealand white rabbit <i>Vinod Kumar Singh and Rahul Kumar</i> |
| 131. | Discovery of phytochemicals with potential antiviral activity for covid-19 virus using <i>In silico</i> approach: A new avenue of antiviral antibiotics <i>Rasanpreet Kaur, Mukta Jain, Amit Kumar, Deepansh Sharma, G. K. Aseri, Jagdip Singh Soha</i> |
| 132. | Development of novel penside antibody detection lateral flow assay based on specific biomarkers for rapid and onsite screening of paratuberculosis <i>Mukta Jain, Amit Kumar, Rathnagiri Polavarapu, Deepansh Sharma, G. K. Aseri, Jagdip Singh Sohal</i> |
| 133. | Recombinant johnin (rJohnin) assay for the DTH based screening of paratuberculosis <i>Mukta Jain, Amit Kumar, Rathnagiri Polavarapu, Deepansh Sharma, G. K. Aseri, Jagdip Singh Sohal</i> |
| Valedictory Function | |
| Date: 08.08.2020, Time: 5.00 - 6.00 PM | |
| Dr R.K. Mittal, Vice Chancellor, SVPUAT, Meerut, India, Chairman of the function Dr Praveen Malik, Animal Husbandry Commissioner, Govt. of India, Guest of Honour Dr R.S. Chauhan, Former Director, ICAR-IVRI, Izatnagar, Secretary General, SIIP, India Dr Amit Kumar, Associate Professor, IDM, CoB, SVPUAT, Meerut, India, Organizing Secretary Dr Amit Kumar Verma, Associate Professor, VMD, CoVAS, SVPUAT, Meerut, India, Co-Organizing Secretary | |