Dr. Saravanan Subramaniam

M.V.Sc PhD (Veterinary Virology)

Principal Scientist

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Date of Joining ICAR : 8th January, 2007

Date of Joining the institute: 18th May 2007

Educational Details

Degree/Diploma/Certificate	Subject	Year of completion	University
Doctorate	Veterinary Virology	2010	Indian Veterinary Research Institute, Izatnagar, UP, India.
Master's Degree	Veterinary Virology	2004	Indian Veterinary Research Institute, Izatnagar, UP, India
Bachelor's Degree	Veterinary Science and Animal Husbandry	2002	Tami Nadu Veterinary and Animal Sciences University, Chennai, TN, India.

Employment record:

Institute	From	To	Designation
NAARM, Hyderabad	08-01-2007	08-05-2007	Scientist (Trainee)
PDFMD, Mukteswar	18-05-2007	20-05-2015	Scientist
NSL, DFMD, Bengaluru	21-05-2015	07-01-2016	Scientist
NSL, DFMD, Bengaluru	08-01-2016	07-01-2022	Sr. Scientist
NSL, DFMD, Bengaluru	08-01-2022	22-03-2023	Pr. Scientist
NIFMD, Bhubaneswar	27-03-2023	Continuing	Pr. Scientist

Research areas: Molecular Epidemiology of FMDV, Genetic characterization of virus strains, FMDV Seromonitoing and Surveillance, Diagnosis

Research Papers:

Total number of research papers (March 2024): 99

National: 16

International: 83

No of abstracts published/presented in conferences: 70

Popular article/scientific write ups: 12

Book chapters: 4

Diagnostic manual/bulletin/sampling plan: 19

Number of conference/workshop/seminars attended: 51

Conference and other awards: 13

No of training programs attended: 21

Recent 10 best research papers

1. Dahiya SS, **Subramaniam S**, Mohapatra JK, Rout M, Biswal JK, Giri P, Nayak V, Singh RP (2023). Foot-and-Mouth Disease Virus Serotype O Exhibits Phenomenal Genetic Lineage Diversity in India during 2018–2022. **Viruses (MDPI)**. 15(7):1529. https://doi.org/10.3390/v15071529
2. Mohapatra JK, Dahiya SS, **Subramaniam S**, Rout M, Biswal JK, Giri P, Nayak V, Singh RP (2023). Emergence of a novel genetic lineage 'A/ASIA/G-18/2019' of foot and mouth disease virus serotype A in India: A challenge to reckon with. **Virus Research (Elsevier)**. 31:199140. doi: 10.1016/j.virusres.2023.199140.
3. Mohapatra JK, Rout M, **Subramaniam S**, Giri P, Dahiya SS, Rautaray SS, Biswal JK, Sahoo NR, Singh RP (2023). A reverse transcription-multiplex PCR strategy devised for concomitant detection and differentiation of foot and mouth disease virus serotypes O, A and Asia 1 in India. **Journal of Virological Methods (Elsevier)**. doi: 10.1016/j.jviromet.2023.114829.
4. Kalaiyarasu S, Mishra N, **Subramaniam S**, Moorthy D, Sudhakar SB, Singh VP, Sanyal A (2023). Whole-Genome-Sequence-Based Evolutionary Analyses of HoBi-like Pestiviruses Reveal Insights into Their Origin and Evolutionary History. **Viruses (MDPI)**. 2023; 15(3):733. https://doi.org/10.3390/v15030733

5. Biswal JK, Sreenivasa BP, Mohapatra JK, **Subramaniam S**, Jumanal V, Basagoudanavar SH, Dhanesh VV, Hosamani M, Tamil Selvan RP, Krishnaswamy N, Ranjan R, Pattnaik B, Singh RK, Mishra BP, Sanyal A (2022). A single amino acid substitution in the VP2 protein of Indian foot-and-mouth disease virus serotype O vaccine strain confers thermostability and protective immunity in cattle. **Transbound Emerg Dis (Hindawi)**. doi: 10.1111/tbed.14735.
6. **Subramaniam S**, Mohapatra JK, Sahoo NR, Sahoo AP, Dahiya SS, Rout M, Biswal JK, Ashok KS, Mallick S, Ranjan R, Jana C, Singh RP (2022). Foot-and-mouth disease status in India during the second decade of the twenty-first century (2011-2020). **Vet Res Commun (Springer)**. 3:1–12. doi: 10.1007/s11259-022-10010-z.
7. Gunasekera U, Biswal JK, Machado G, Ranjan R, **Subramaniam S**, Rout M, Mohapatra JK, Pattnaik B, Singh RP, Arzt J, Perez A, VanderWaal K (2021). Impact of mass vaccination on the spatiotemporal dynamics of FMD outbreaks in India, 2008-2016. **Transbound Emerg Dis (Hindawi)**. doi: 10.1111/tbed.14528.
8. Mahapatra M, Pachauri R, **Subramaniam S**, Banyard AC, ChandraSekar S, Ramakrishnan MA, Njeumi F, Muthuchelvan D, Parida S (2021). Ongoing Assessment of the Molecular Evolution of Peste Des Petits Ruminants Virus Continues to Question Viral Origins. **Viruses (MDPI)**. 13(11):2144. https://doi.org/10.3390/v13112144
9. Dahiya SS, **Subramaniam S**, Biswal JK, Das B, Prusty BR, Ali SZ, Khulape SA, Mohapatra JK, Singh RK (2021). Genetic characterization of foot-and-mouth disease virus serotype O isolates collected during 2014-2018 revealed dominance of O/ME-SA/Ind2001e and the emergence of a novel lineage in India. **Transbound Emerg Dis (Hindawi)**. 68(6):3498-3508 doi: 10.1111/tbed.13954.
10. **Subramaniam S**, Biswal JK, Mohapatra JK, Khulape SA, Madhanmohan M, Singh RK (2020). Emergence of foot-and-mouth disease virus serotype Asia1 group IX in India. **Arch Virol (Springer)**. 165(11):2619-2625. doi:10.1007/s00705-020-04766-5

Research Papers

https://scholar.google.co.in/citations?user=E4ciCoUAAAAJ&hl=en

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