

Research Priorities:

S.N.	Research Area	Aim	Objective	Benefits of Farmers
1.	Rabies	Diagnosis, Surveillance, Host pathogen interaction	To provide diagnostic services for animal rabies and to conduct the research	Pet owners, Farmers will be benefitted for prevention, control of rabies in pet animals
2.	Brucellosis	Diagnosis, Surveillance, Host pathogen interaction	To provide diagnostic services for bovine & caprine brucellosis and to conduct the research	Prevention, control & treatment of Brucellosis
3.	Common pathogens <i>E. coli</i> , <i>Staphylococcus</i> , Poultry <i>Mycoplasma</i> etc.	Surveillance, Host pathogen interaction	To conduct research related to virulence attributes, strain identification, antibiotic sensitivity pattern etc.	Prevention, control & treatment of common specified infections

Research Recommendations

Sr. No.	1
Year	2015-2016
Project Title	The development of PCR based diagnosis of <i>Mycoplasma spp.</i> in poultry
Investigators	Dr. R.S. Gandge, S.B. Majee and Dr.A.S.Bannalekar
Recommendations	Species specific 16sRNA PCR method (using MG-14F, MG-13R and MS-F, MS-R) is suitable for detection of <i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> infection directly in the clinical specimens of poultry.

Sr. No.	2
Year	2019-2020
Project Title	Molecular Characterization and Differential Identification of <i>Brucella abortus</i> from Vaccine Strain S 19
Investigators	Dr. Varsha D. Thorat and Dr.A.S.Bannalekar
Recommendations	It is recommended to use EryC PCR assay on blood samples to differentiation of animals vaccinated with Cotton strain S 19 and those infected with brucellosis.

Sr. No.	3
Year	2019-2020
Project Title	Molecular Characterization of Rabies virus and Assessment of targeted gene expression in rabid Dogs.
Investigators	Dr.Rajesh R. Pharande and Dr. Mrs. S. B. Majee
Recommendations	Targeting N gene PCR is recommended for detection of rabies virus from samples like brain, skin or saliva.

List of Research Projects:

Name of Department: Veterinary Microbiology							
S. N.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration
1	Surveillance of viral encephalitides in large and small ruminants in and around Mumbai city	Dr. A. A. Sherikar	ICAR	31.89	Extra - mural	Completed	3 Years
2	Development of a viral poultry vaccine using gamma radiations	Dr. A. A. Sherikar	BRNS.	10.20	Extra - mural	Completed	3 Years
3	Application of deuterated water (D ₂ O) as a thermostabilizer in bacterial and viral vaccines	Dr. A. A. Sherikar, Dr. Mrs. S.B. Majee	ICAR.	19.94	Extra - mural	Completed	3 Years
4	Modulating Mycobacterium tuberculosis barriers: Design and Development Strategies	Dr. A. S. Bannalika Dr. Mrs. S.B. Majee	DBT	89.22	Extra - mural	Completed	3 Years
5	Nanotechnology Based Diagnostic Module for Detection of Brucellosis	Dr. (Mrs) S. B. Majee	ICMR New Delhi	18.44	Extra - mural	Completed	3 Years

6	Pilot Rabies Control Project, Pune, India	Dr. A.S. Bannalekar Dr. Mrs. S.B. Majee Dr.S.D.Jagdale	Schering-Plough Corp, USA	54.63	Extra - mural	Completed	2 Years
7	Nanotechnology based diagnostic module for detection of brucellosis.	Dr. Mrs. S. B. Majee	ICMR	18.44	Extra - mural	Completed	3 Years
8	Development of Gossypol-free Lysine-rich Cottonseed cake By Solid State Fermentation	Dr.A.S. Bannalekar Dr. Mrs S.B.Majee Dr. N.R. Karambele	ICAR	28.50	Extra - mural	Completed	2 Years
9	Designing Novel Nanobiotechnological Systems for Effective Delivery of Select Indigenous Herbs with Potent Antitubercular Activity	Dr.A.S. Bannalekar Dr.R.R.Pharande	DBT	25.18	Extra - mural	Completed	3 Years
10	Intramacrophage targeted Nanoparticulate Drug Delivery System for Brucellosis.	Dr. R. S. Gandge Dr. R. R. Pharande Dr. S. B. Majee Dr.S.V.Gulavane	ICMR	121.92	Extra - mural	Ongoing	3 Years

List of Private Agency Projects:

S. N.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration
1	The Development of PCR based diagnosis of Mycoplasma sp. In Poultry	Dr. Mrs S.B.Majee Dr.Mrs.R. G.Gandge	Huvepharma (SEA) Pvt Ltd, Pune	6.50	Extra -mural	Completed	2 Years

List of M.V.Sc students: (133)

Name of the Department: Veterinary Microbiology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	Kulkarni P. H.	Studies on the post-vaccinal Agglutinating response in calves vaccinated with Brucella strain 19 vaccine.	1962	Dr. D. T. Parnaik
2	Nawathe D. R.	Assessment of the Haemagglutinating property of South African Horse sickness virus.	1962	Dr. D. T. Parnaik
3	Subnis M. G.	Studies on the haemagglutination Titers of Ranikhet diseases virus subsequent to inoculation in chick embryo by various routes.	1962	Dr. D. T. Parnaik
4	Babras M. A.	Bacterial flora from cervico-vaginal region from buffaloes repeating to service, from dairy units, Bombay suburbs.	1962	Dr. D. T. Parnaik
5	Paranjpe V. L.	Studies on the post-vaccinal reactions in Fowls vaccinated with Newcastle diseases (Ranikhet) vaccine Mukteshwar strain, with special reference to Haemagglutination Inhibition Titers.	1962	Dr. D. T. Parnaik
6	Singh G. K.	Observation on bacterial flora of nose & Throat of sick Dogs with clinically Non-Respiratory Affections	1962	Dr. D. T. Parnaik
7	Pandit S. V.	Bacterial flora of the Bottled & Unbottled Milk in Bombay.		Dr. D. T. Parnaik
8	Kulkarni V. B.	A study of some of the (Bacterial) agents isolated from infected uteri in buffaloes with biological studies in Rabbits.	1964	Dr. S. L. Manjarekar
9	Mulbagal A. N.	Study of Bacterial isolates from "Dead-In-Shell" chick Embryos.	1966	Dr. S. L. Manjarekar
10	Zakis	Bacterial flora of the normal porcine Uterus.	1966	Dr. S. L. Manjarekar
11	Asrit K.	Studies on interference phenomenon & Booster effects of Lasota	1966	Dr. S. L. Manjarekar
12	Dudalia M. N.	A study on the Bacterial flora of the upper respiratory tract of sheep.	1968	
13	Khot J. B.	Studies on some of the properties of Newcastle disease virus in chicken Tissue culture cells.	1968	Dr. V. B. Kulkarni
14	Raghubir Singh	Studies on the Bacterial flora of the chick & duck Hatcher Flutt.	1968	Dr. V. B. Kulkarni
15	Sasane M. S.	Dermatophytosis in Domestic Animals in Bombay.	1968	Dr. V. B. Kulkarni
16	Padalkar M. G.	Studies on the post-vaccinal reactions in chicks vaccinated with spirochetosis vaccine	1972	Dr. V. B. Kulkarni

		with special reference to its Immunity pattern.		
17	Kalyankar V. V.	A study on the Bacterial flora of the upper respiratory tract of Buffalo calves	1973	Dr. V. B. Kulkarni
18	Kulkarni V. B.	Studies on Measles Heamagglitination Inhibition Test For Detection of Antibodies To Rinderpest	1973	Dr. V. B. Kulkarni
19	Paranjape V. L.	A study on some aspect of canine Distemper virus	1975	
20	Manda A.V.	Studies on Complement Fixing Antibodies in Crossbred Calves Vaccinated with Polyvalent FMDV vaccine	1975	Dr. V. L. Paranjape
21	Ashrit Krishna	A study on the Immunity Pattern in baby chicks vaccinated with Lasota strain of Newcastle disease Virus	1976	Dr. S. L. Manjarekar
22	Kukade S. V.	A study of multiplication pattern of Lasota strain of Newcastle disease virus in growing chick embryo by various routes.	1976	Dr. S. L. Manjarekar
23	Desai A. B.	A study on the Bacterial flora of Hens Egg marked in the city of Bombay.	1977	
24	Mishal P.H.	A Study of Microbial Agents Associated with Lamb Mortality	1977	Dr. V. L. Paranjape
25	Vaidya A.M.	Studies of bacterial Isolates from Different Pork Products	1977	Dr.S.M.Ajinkya
26	Panse S. K.	A study of Psychrophilic bacteria from Frozen Foods.	1978	Dr. V. L. Paranjape
27	Shikhare J.K	Studies on Canine Distemper Virus	1978	Dr. V. L. Paranjape
28	Dhokarikar S. D.	A study on Bacterial content of ovary & Oviduct of Fowl.	1979	
29	Kulkarni A. B.	Some studies on Infectious Bursal Disease Virus	1979	Dr. V. L. Paranjape
30	Thakkar Urmi	A study of the Kinetics of Newcastle Disease Virus in Chick Embryo	1980	Dr.K.N.Joishy
31	Dr.T.N.Hindocha	A Comparative study of serum antibodies (IgG1, and IgG2) in the diagnosis of Bovine Brucellosis	1980	Dr. V. L. Paranjape
32	Das A. M.	Serodiagnosis in Brucella with special reference to the Quantitation of specific 19G1, 19G2, & IgM Antibodies in vaccinated & infected cattle.	1981	Dr. V. L. Paranjape
33	Joshi A.S	Immunity Studies on Infectious Bronchitis in Poultry	1982	Dr. V. L. Paranjape
34	Dr.N.N.Zade	Comparative studies on field isolate (AMVP-1) of infectious bursal disease virus and a commercial vaccine	1982	Dr. A.N. Mulbagal

35	Rana V. G.	Use of Immunofluorescence test & Immunoperoxidase Test for the study of New castle Disease virus.	1983	Dr. V. L. Paranjape
36	Ahrestani S.R.	Characterisation and Quantitation of Domestic Fowl (<i>Gallus domesticus</i>) Immunoglobulin G	1983	Dr. A.N. Mulbagal
37	Gogate B.Y.	Study of An Avian Adenovirus Isolate: Physico-chemical and Biological Properties.	1984	Dr. A.N. Mulbagal
38	Mukherjee S.R.	Cellular and Humoral Immune Competence in Chicks experimentally infected with Marek's Disease and Inclusion Body Hepatitis Viruses	1986	Dr. V. L. Paranjape
39	Vishnupurikar V.N.	Immunomodulatory Effects of Some Antibiotic Feed Additives in Broilers	1986	Dr. A.N. Mulbagal
40	Dr.S.N.Talreja	Immune Profile of Chickens in Infectious Bursal Disease and Inclusion Body Hepatitis	1986	Dr. A.N. Mulbagal
41	Bhojane R. M.	Study on Immunity to Newcastle Disease in Broiler Chickens Vaccinated with Inactivated R2B and Lasota Vaccines	1987	Dr. A.N. Mulbagal
42	Sahasrabuddhe M.G.	Comparison of The Rapid Rabies Enzyme Immuno-Diagnosis (RREID) Technique with The Routinely used rabies Diagnosis Tests	1988	Dr.(Mrs).A.A . Sherikar
43	Limaye V.V	A study of Gram-negative bacteria and mycoplasma from cases of chronic respiratory disease in broilers	1988	Dr. A.N. Mulbagal
44	Dr.R.V.Kothe	Isolation and Identification of pathogenic Bacteria associated with Mastitis in Buffaloes with special reference to Mycotic agents	1989	Dr. (Mrs). A.A. Sherikar
45	Joshi.M.V.	A study of Incidence of Enterotoxigenic <i>Escherichia coli</i> From Diarrhea cases in various species of Domesticated Animals	1989	Dr. A.N. Mulbagal
46	Bonde A.V.	Laboratory Studies on Canine Respiratory Disease	1990	Dr.(Mrs).A.A . Sherikar
47	D.M.Muglikar	Studies on Post Vaccination Immune Response in cattle with <i>B. abortus</i> strain 19 vaccine	1992	Dr. A.N. Mulbagal
48	Dr.R.M.Gosavi	Present status of bacteriological and mycological evaluation of raw milk sold in the city of Bombay	1992	Dr.(Mrs).A.A .Sherikar
49	Dr.Ramod.A.G	Microbiological analysis of raw milk and fermented milk products	1994	Dr.(Mrs).A.A .Sherikar
50	Dr.V.V.Panvelkar	Microbial and Toxicological Analysis of some milk Products	1994	Dr.(Mrs).A.A .Sherikar
51	Dr.K.R.Shinal	Surveillance of Foot and Mouth Disease Virus from Buffalo and Cattle Meats and other Tissues	1995	Dr.(Mrs).A.A .Sherikar
52	Dr.D.V.Undegaoonkar	Tissue Culture Studies of Bovine Viruses	1995	Dr.(Mrs).A.A .Sherikar

53	Dr.Vibha Kumari	Analysis of pathogenic Bacteria and Fungi from Frozen Milk Products	1995	Dr.(Mrs).A.A .Sherikar
54	Dr.C.A.Kate	Bacteriological and fungal evaluation of Raw Milk from Bulk Containers and Chilling Plants	1995	Dr.(Mrs).A.A .Sherikar
55	Dr. A. Balasubramani am	Surveillance of Infectious Bursal Disease, Inclusion Body Hepatitis and Newcastle Disease on farms located in Raigad and Thane Districts and Evaluation of A combined vaccine in Poultry	1996	Dr.(Mrs).A.A .Sherikar
56	Dr.A.B.Kasalk ar	Serological Evidence of Brucellosis in Farm and Abattoir animals in and around Mumbai	1997	Dr. A. M. Das
57	Dr.M.A.Patil	Isolation of Inclusion Body Hepatitis (Leechi Disease) Virus and its effect on vaccination in Broilers	1997	Dr.(Mrs).A.A .Sherikar
58	Dr. Binu Gopinath	A study on bacterial subclinical mastitis in cows and buffaloes of Mumbai	1998	Dr. A. M. Das
59	Dr. S.A.Pansare	Detected of Viruses From Irradiated and Non Irradiated Poultry Meat	1998	Dr. (Mrs.) S. B. Majee
60	Dr.G.S.Darban	Isolation and Identification of Virus From Poultry	1998	Dr. (Mrs.) S. B. Majee
61	Dr.V.G.Ramte ke	Serosurveillance of Poultry Disease in Konkan Region	1998	Dr. (Mrs.) S. B. Majee
62	Dr.S.D. Sontakke	Effect of Gamma Irradiation and Organic Acids on The Infectivity of Serotype 'O' Foot and Mouth Disease Virus in Buffalo Meat	1999	Dr. (Mrs) A. A. Sherikar
63	Dr. Nithya Sambasivan	A Comparison of ELISA with Conventional Tests in Serodiagnosis of Newcastle Disease and Infectious Bursal Disease.	1999	Dr. (Mrs.) S. B. Majee
64	Dr.P.N.Rathod	A Study on isolation and serological profile of some common bacterial pathogens in Pigs	1999	Dr. (Mrs.) S. B. Majee
65	Dr.M.B.Shirke	Survey of Cattle and Buffalo for Encephalitides in Mumbai and Thane District	2000	Dr. A. M. Das
66	Dr.H.K.Naikar e	Effect of Gamma Irradiation on Velogenic Newcastle Disease Virus	2000	Dr. (Mrs.) A. A. Sherikar
67	Dr.M.U.Despa nde	Isolation of Hydropericadium Syndrome (HPS) virus from the Konkan Region	2000	Dr. (Mrs.) A. A. Sherikar
68	Dr. Miss. V. R. Rane	Serosurveillance and isolation of Newcastle disease virus and infections bursal disease virus in Vidharbha region	2001	Dr. (Mrs.) A. A. Sherikar
69	Dr. D. R. Patil	Serological response of cattle and buffaloes against oil adjuvanted inactivated infection bovine rhinotracheitis vaccine	2001	Dr. (Mrs.) S. B. Majee
70	Dr. M. Nair	Prevalence of encephalitides in Sheep and Goats	2001	Dr. (Mrs.) S. B. Majee
71	Dr. V. P. Jadhav	Effect of vaccination immunostimulant and antibiotics on antibodies of serologically Brucella positive cows	2002	Dr. A. M. Das

72	Dr. A. M. Sahare	Molecular profile of field velogenic strain of Newcastle disease virus before and after irradiation	2002	Dr. (Mrs.) S. B. Majee
73	Dr. Hamidmiy A.R.	Detection of encephalitides from buffalo and goat brains slaughtered in Mumbai and Thane Districts.	2002	Dr. (Mrs.) A. A. Sherikar
74	Dr. Sivakumar D.	Immune responses to in-ovo inoculation of irradiated and unirradiated isolates of Newcastle diseases virus in chicks.	2003	Dr. (Mrs.) S. B. Majee
75	Dr. S. P. Awandkar	Studies on molecular profile of velogenic strain of Newcastle disease virus.	2003	Dr. (Mrs.) S. B. Majee
76	Dr. S. N. Tawade	Detection of Brucellosis in Buffaloes employee milk ELISA	2003	Dr. A. M. Das
77	Dr. Miss.M. M. Pawade	Cultivation and purification of toxins of clostridia causing gas gangrene.	2004	Dr. A. M. Das
78	Dr. Miss. S. A. Bhokare	Purification and potency testing of <i>Clostridium tetani</i> toxin	2004	Dr. (Mrs.) A. A. Sherikar
79	Dr. W. B. D'mello	Potency testing of commercial equine antirabies serum	2004	Dr. (Mrs.) A. A. Sherikar
80	Dr. S. S. Koratkar	Standardization of Novel gamma irradiated in-ovo Newcastle disease vaccine	2004	Dr. (Mrs.) S. B. Majee
81	Dr. P. S. Sabade	Potency testing of gas gangrene antitoxin	2004	Dr. A. M. Das
82	Dr. V. S. Ghanabahadur	Comparison between two commercial combined vaccines of Newcastle disease and avian infectious bronchitis virus by using spray method in broilers	2005	Dr. (Mrs.) A. A. Sherikar
83	Dr. R. M. Nagane	Studies in herpes virus of Turkey (HVT) in chick embryo fibroblast cell culture	2005	Dr. (Mrs.) S. B. Majee
84	Dr. Ms. K.D. Sakhare	Effect of deuterated water (D ₂ O) on Newcastle disease virus.	2005	Dr. (Mrs.) S. B. Majee
85	Dr. M. B. Raut	Serological observation on Buffalo Vaccinated with <i>Brucella abortus</i> strain RB 51	2005	Dr. A. M. Das
86	Dr. Yashwanth S. L.	Efficacy of Marek's disease vaccines	2006	Dr. (Mrs.) S. B. Majee
87	Dr. S. B. Chikbire	Effects of heavy water on growth and morphology of <i>Staphylococcus aureus</i> and <i>bacillus subtilis</i>	2006	Dr. A. M. Das
88	Dr. R. L. Chavan	Antibiotic sensitivity profile of Staphylococcus species isolated from bovine Mastitis and Canine skin infection.	2007	Dr. (Mrs.) A. A. Sherikar
89	Dr. D. B. Karmakar	Characterization of Newcastle disease virus isolated from Poultry.	2007	Dr. (Mrs.) S. B. Majee
90	Dr. Ms. S. S. Karikkathil	Cell culture studies of virulent Marek's Disease virus	2007	Dr. (Mrs.) S. B. Majee
91	Dr. V. B. Khurud	In vitro effect of nano particulate drug delivery system with new anti-Tuberculosis drug	2007	Dr. A. M. Das

92	Dr. R. E. Gaikwad	In vitro effect of nano particulate drug delivery system with New antituberculosis drug.	2007	Dr. (Mrs.) S. B. Majee
93	Dr.K.S.Sivadasan	Cell Culture studies of Virulent Marek's Disease Virus	2007	Dr. (Mrs.) S. B. Majee
94	Dr.K.D.Bikash	Characterization of Newcastle Disease Virus Isolated from Poultry	2007	Dr. (Mrs.) S. B. Majee
95	Dr. Prem Sagar	RNA-Page Analysis of Rota Virus from Calves and children	2008	Dr. (Mrs.) S. B. Majee
96	Dr. Ms. S. P. Gaikwad	In vitro efficacy of Rifampicin and nanoparticulate Rifampicin against mycobacterium tuberculosis	2008	Dr. (Mrs.) R. S. Gandage
97	Dr. S. T. Kothawale	In-vitro efficacy of Nanoparticulate Doxycycline against <i>Brucella abortus</i>	2008	Dr. A. S. Bannalekar
98	Dr. Ms. D. M. Joshi	In vitro efficacy of ethambutol and new cell wall modulators against <i>Mycobacterium tuberculosis</i>	2009	Dr. (Mrs.) R. S. Gandage
99	Dr. Ms. K. D. Kadam	In vitro efficacy of Rifampicin and nanoparticulate Rifampicin against <i>Mycobacterium avium</i> subspecies <i>Avium</i>	2009	Dr. (Mrs.) S. B. Majee
100	Dr. S. N. Deore	Efficacy of Nanoparticulate Rifampicin Against <i>B. abortus</i>	2009	Dr. A. S. Bannalekar
101	Dr. Anjan Mondal	Molecular characterization of Rotaviruses	2009	Dr. (Mrs.) S. B. Majee
102	Dr.A.S.Aher	Evaluation of BCSP31 and IS711 PCR assays in detection of bovine and human brucellosis.	2010	Dr. A. S. Bannalekar
103	Dr. T. S. Patil	Molecular Characterization of F, HN and M2 genes of Newcastle Disease Virus Strains	2010	Dr. (Mrs.) S. B. Majee
104	Dr D. R. Mankar	Characterization of biofilm producing <i>Staphylococcus aureus</i> from bovine Mastitis	2010	Dr. (Mrs.) R. S. Ganage
105	Dr.S.N.Gawande	Molecular Characterization of VP2 gene of Infectious Bursal Disease Virus Strains	2010	Dr. (Mrs.) S. B. Majee
106	Dr. A. A.Suryawanshi	Detection of <i>Brucella</i> spp in occupationally exposed humans by serological, bacteriological and molecular techniques	2011	Dr. (Mrs.) R. S. Ganage
107	Dr.D.S.Madale	Detection of <i>Brucella</i> spp. In animal by conventional and molecular techniques	2011	Dr. A. S. Bannalekar
108	Dr. J. D. Sawte	Molecular Characterization of Avian Reovirus	2012	Dr. (Mrs.) S. B. Majee
109	Dr. Mahesh Chougule	Characterization of <i>Staphylococcus aureus</i> associated with bovine Mastitis by conventional and molecular techniques.	2013	Dr. (Mrs.) R. S. Gandge
110	Dr. Mangesh V. Hemande	Molecular characterization of <i>Brucella</i> spp. By Polymerase chain reaction-Single strand conformation polymorphism (SSCP) analysis.	2013	Dr. (Mrs.) R. S. Gandge
111	Dr. Sagar Kumar Samal	Molecular characterization of the Nucleoprotein (N) gene of Rabies Virus.	2013	Dr. A. S. Bannalekar

112	Dr. Swapnil A. Dalvi	Molecular characterization of Mycobacteria recovered from Animal and Human specimens.	2013	Dr. A. S. Bannalekar
113	Dr. Kamble Suraj Yuvaraj	Molecular Diagnosis of Mycoplasmosis in Poultry	2014	Dr. (Mrs.) R. S. Gadge
114	Dr. Swati Bukte	Detection of Mycoplasmosis in poultry by conventional and molecular method	2015	Dr. (Mrs.) R. S. Gadge
115	Dr. Singh Shilpi Shailesh	Molecular characterization of some avian viruses by PCR.	2015	Dr. (Mrs.) S. B. Majee
116	Dr. Aher Trupti Sudhakar	Susceptibility of <i>Mycoplasma gallisepticum</i> to antibacterial agents	2016	Dr. Mrs. R. S. Gadge
117	Dr. Hashmi Syeda Mumtaz Begum Syed Saleem	Characterization of avian pathogenic <i>Escherichia coli</i> associated with complicated chronic respiratory disease	2016	Dr. Mrs. R. S. Gadge
118	Dr. Padam Lal Luitel	Molecular Detection of <i>Mycoplasma synoviae</i> in poultry.	2016	Dr. Mrs. R. S. Gadge
119	Dr. Mhaske Vrushali Sarjerao	Development of <i>Mycoplasma gallisepticum</i> coloured antigen for rapid diagnosis of avian mycoplasmosis	2017	Dr. Mrs. R. S. Gadge
120	Dr. Ankita	Bacteriological and Fungal Investigation of Canine Skin Infections	2017	Dr. Mrs. R. S. Gadge
121	Dr. Ombase Dattatraya Vasant	Seroprevalence of <i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> in poultry	2017	Dr. R. R. Pharande
122	Dr. Siddhi Anekar Vijay	Isolation & Molecular Characterization of <i>Pseudomonas aeruginosa</i> from canine otitis	2018	Dr. V. D. Thorat
123	Dr. Nehe Sapana Gangadhar	Detection of <i>Mycoplasma gallisepticum</i> infection in chickens	2019	Dr. Mrs. R. S. Gadge
124	Dr. Patange Varsha Rajendra	Characterization of Staphylococcus and <i>E. coli</i> from raw milk of cattle and buffalo	2020	Dr. V. D. Thorat
125	Dr. Sankhe Sameer Shirish	Seroprevalence Of Brucellosis In Sheep And Goat And Molecular Characterization Of <i>Brucella</i> spp. By PCR	2021	Dr. V. D. Thorat
126	Dr. P. Prasanthi	Detection of <i>brucella</i> spp. in bovine milk samples	2021	Dr. (Mrs.) R. S. Gadge
127	Dr. Kaldade Akash Ramrao	Screening of chicken eggs for bacterial contaminants	2021	Dr. (Mrs.) R. S. Gadge
128	Dr. Swapnil Lonkar	Detection of <i>Brucella melitensis</i> in goats by conventional and molecular techniques	2021	Dr. V. D. Thorat
129	Dr. Kanchan Nandanwar	Minimum inhibitory concentration (MIC) and efficacy study of selected antibiotics against <i>Brucella abortus</i>	2023	Dr. (Mrs.) R. S. Gadge
130	Dr. Divya Ingle Deepak	Antibiogram and infectivity assay of <i>Brucella abortus</i> isolates in mice	2023	Dr. V. D. Thorat

131	Dr. Mane Shubham Tukaram	Efficacy of plain and nanoparticulate Oxytetracycline in the clearance of <i>Brucella abortus</i> infection in mice	2024	Dr.R.R.Phara nde
132	Dr. Brahmanekar Vrushali Domabapu	Optimization of an assay for detection of <i>Brucella melitensis</i> antibodies	2024	Dr. (Mrs.) R.S. Gandge
133	Dr. Motegaonkar Snehal Sharad	Molecular Characterization of <i>Brucella</i> spp. from direct specimens of dairy cattle	2024	Dr.R.R.Phara nde

Doctoral: Ph.D Veterinary Microbiology

Name of Department: Veterinary Microbiology				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor
1	Dr. Paranjape V.L	A study of some aspects of canine distemper virus	1975	Dr.S.M.Ajinkya
2	Dr. Patil-Kulkarni V.G.	Dietary Proteins and Immunity in Chicks	1978	Dr. Jacob Eapen
3	Dr. Sherilar A. A.	Studies on some Aspects of Canine Parvovirus	1985	Dr.V.L.Paranjape
4	Dr.A. M. Das	A Study on Bacterial Abortions in Bovines	1986	Dr.V.L.Paranjape
5	Dr. (Mrs.) S. B. Majee	Studies on Viruses from Various Meats	1999	Dr. (Mrs.) A. A. Sherikar
6	Dr. (Mrs.) R. S. Gandage	Effect of Deuterated water on selected Bacteria and Bacterial vaccines	2007	Dr. (Mrs.) A. A. Sherikar
7	Dr. P. R. Suryawanshi	Efficacy of Nanoparticulate Antimycobacterial Drugs Against <i>Mycobacterium Tuberculosis</i>	2010	Dr. (Mrs.) S. B. Majee
8	Dr.P.P.Mhase	Efficacy of Biodegradable Lipid Glyceryl Monostearate Lipomer of Doxycycline Against <i>Brucella Abortus</i>	2012	Dr. A. S. Bannalikal
9	Dr R R Phara nde	Molecular Characterization of Rabies virus and Assessment of targeted gene expression in rabid Dogs	2019	Dr. (Mrs.) S. B. Majee
10	Dr. V D. Thorat	Molecular Characterization and Differential Identification of <i>Brucella abortus</i> from Vaccine Strain S1	2019	Dr. A. S. Bannalikal

List of Publications:

Name of Department: Veterinary Microbiology						
Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Vol. Page Nos.	NA AS Rating
1	V Kumari, AA Sherikar, S Majee	1996	Microbiological profile of various Ice-creams sold in Mumbai region	Indian Journal of dairy science	49 (9): 619-624	6.20
2	V Kumari, AA Sherikar, S Majee	1997	Microbiological profile of kulfi	Indian J. of Comparative Microbiology Immunology and Infectious Diseases	18: 94-96	4.49
3	N Sambasivan, SB Majee, AA Sherikar	2001	Protein profiles of field isolates and vaccine strains of Newcastle disease virus	Indian Journal of Animal Sciences	71: 8	6.20
4	VG Ramteke, SD Sontakke, SB Majee, AA Sherikar	2002	Seasonal seroprevalence of common poultry infections in Konkan region of Maharashtra	Indian Journal of Poultry Science	37 (1): 119-120	5.30
5	Manoj Nair Manoj Nair, S. B. Majee, A. A. Sherikar, A. M. Das, M. B. Shirke, P. N. Rathod	2003	A modified method for isolation of Listeria from brain samples.	Indian Journal of Animal Sciences	73(3): 267-268	6.20
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8	SS Karikkathil, SB Majee, DB Karmakar, RE	2008	Detection and characterization of virulent	Indian Journal of Comparative	29 (1&2): 9-11	4.49

	Gaikwad, VB Khurud		Marek's disease virus in Cell culture	Microbiology Immunology and Infectious Diseases		
9	R. S. Gandge and A. A. Sherikar	2008	Effect of D2O on growth of <i>Salmonella Gallinarum</i>	Ind. J. comp. Microbial. Immunol. Infect. Dis.	. 29. (1& 2): 63-64.	4.79
10	R.S. Gandge and A.A. Sherikar	2010	Thermostabilizing property of D2O in H.S. vaccine.	Ind. J. comp. Microbial. Immunol. Infect. Dis.	31(1&2): 59- 61.	4.79
11	A Mondal, VS Dangle, SB Majee	2011	An Outbreak of Buffalo pox in Buffalo (Bubalusbubalis) Dairy Herds in Kolhapur	Indian Veterinary Journal	88 (11): 80	5.83
12	Manoj D Kakwani, PrashantSuryavan shi, Muktikant Ray, MGR Rajan, SharmilaMajee, Abdul Samad, Padma Devarajan, Mariam S Degani	2011	Design, synthesis and antimycobacterial activity of cinnamide derivatives: A molecular hybridization approach	Bioorganic & medicinal chemistry letters	21(7): 1997- 1999	8.50
13	Guhagarkar, S.A., Majee, S.B., Samad, A.	2011	Evaluation of pullulan- functionalized doxorubicin nanoparticles for asialoglycoprotein receptor-mediated uptake in Hep G2 cell line.	Cancer Nano	49–55 (2011). https:// doi.org /10.100 7/s126 45- 011- 0012-x	10.5
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15	SP Awandkar, SB Majee	2012	Molecular Characterization of a Field Isolate of Ranikhet Disease Virus	Indian Veterinary Journal	89 (6), 28	5.85
16	A Mondal, R Aich, S Majee, AS Bannalika	2012	Determination of bovine rotavirus G serotype by polymerase chain reaction	Tropical animal health and production	44: 763- 767	7.70

17	Anjan Mondal, Soumen duChakravarti, S. B. Majee, A. S. Bannalika	2013	Detection of picobirnavirus and rotavirus in diarrhoeic faecal samples of cattle and buffalo calves in Mumbai metropolis, Western India.	Veterinaria Italiana,	49(4): 357-360 ref. 24	6.50
18	MD Patel, SB Majee, A Samad, PV Devarajan	2013	Ionic complexation as a non-covalent approach for the design of folate anchored rifampicin gantrez nanoparticles	Journal of Biomedical Nanotechnology	9 (5): 765-775	6.00
19	A Mondal, S Chakravarti, SB Majee, AS Bannalika	2013	Detection of picobirnavirus and rotavirus in diarrhoeic faecal samples of cattle and buffalo calves in Mumbai metropolis, Western India	Veterinaria Italiana	49 (4): 357-360	6.50
20	MN Chougule, RS Gandge, AS Bannalika, SB Majee, RR Pharande	2014	Characterization of <i>Staphylococcus aureus</i> associated with bovine mastitis	Indian journal of dairy science	67: 493-497	6.20
21	A Mondal, S Majee	2014	Novel bisegmented virus (picobirnavirus) of animals, birds and humans	Asian Pacific Journal of Tropical Disease	4 (2): 154-158	9.01
22	Patil, M.R., Kumar, A., Bannalika, S. and Dighe, V.D.	2014	EryC-5' nuclease PCR: differentiating wild Brucella strains from vaccine strain S19	Asian Journal of Animal Science	9(2): 207-211.	3.4
23	Patil, M.R., Bannalika, A.S., Gunjal, S.R. and Admane, P.H.	2014	Development of molecular tools to differentiate and detect adulteration of common meat species	Asian Journal of Animal Science	9: 154-159	3.4
24	Patil, M.R., Bannalika, A.K.S. and Dighe, V.D.	2014	16S rRNA gene for ribotyping Brucella: a monospecific genus	Veterinary Science Research Journal	5(1/2): 22-26	2.04
25	Apexa Suryawanshi, Rajashree Gandge , Anil Kumar Bannalika and Suresh Jagadale	2014	Characterization and biotyping of Brucella species isolated from animals	The Indian J. Vet. Res.	23. (1): 21-28	4.60
26	Patil, M.R., Singh, D. and Bannalika, A.S.	2015	Mt 12S rRNA gene PCR-RFLP based assay for meat authentication	The Indian Journal of Veterinary Sciences and	10(3): 66-70	5.58

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27	S.N. Swapna, R.R.Pharande, A.S.Bannalika and A.P.Mukne	2015	In Vitro antimycobacterial activity of acetone extract of Glycyrrhiza glabra	Journal of Pharmacy & Pharmacognosy Research	3(4), 80-86.	6.78
28	S Y Kamble, R S Gandge and S B Majee	2015	Diagnosis of poultry mycoplasmosis by cultural isolation and PCR	Indian Journal of Animal Sciences Oct 2015. 85 (10):1073-76	6.29	
29	Dipika Mankar, R. S. Gandge and A. S. Bannalika	2015	Characterization of biofilm and coagulase producing Staphylococcus aureus associated with bovine mastitis	Indian Journal of Animal Science	85(1):16-23	6.28
30	M.N. Chougule , R.S. Gandge, A. S. Bannalika, S. B. Majee and R. R. Pharande	2015	Characterization of Staphylococcus aureus by Pulse Field Gel Electrophoresis	Indian Journal of Animal Science	85(4):348-351	6.28
31	M V Hemade, R S Gandge and A S Bannalika	2015	Detection of animal brucellosis by cultural method	Ind. Journal of Animal Sciences	85 (6)::564-69	6.28
32	M.V.Hemade and R.S.Gandge	2016	Molecular typing of Brucella species by PCR-RFLP and SSP	Indian Journal of Animal Sciences	86 (5); 502-507	6.28
33	Pai, R.V., Jain, R.R., Bannalika, A.S. and Menon, M.D.	2016	Development and Evaluation of Chitosan Microparticles Based Dry Powder Inhalation Formulations of Rifampicin and Rifabutin	Journal of Aerosol Medicine and Pulmonary Drug Delivery	29(2):179-195.	Impact factor 2.1
34	Viswanathan, V., Mehta, H., Pharande, R., Bannalika, A., Gupta, P., Gupta, U. and Mukne, A	2018	Mannosylated gelatin nanoparticles of licorice for use in tuberculosis: Formulation, <i>in vitro</i> evaluation, <i>in vitro</i> cell uptake, <i>in vivo</i> pharmacokinetics and <i>in vivo</i> anti-tubercular efficacy	Journal of Drug Delivery Science and Technology	45: 255-263.	Impact factor 4.7
35	Ankita and R.S. Gandge	2018	Prevalence and Antibiotic susceptibility Pattern of Staphylococcus species in Canine Skin Infection	International J. Current Microbiology and Applied Science	7(6): 2305-2313.	5.13

36	Bukte S R and R.S. Gandge	April 2018.	Rapid serum agglutination, cultural isolation and PCR for detection of <i>M. gallisepticum</i> and <i>M. synoviae</i> infection in poultry	Indian Journal of Animal Sciences	88 (4): 397–401.	6.28
37	R.S. Gandge and A.A. Sherikar	2018	Effect of Deuterium Oxide (D ₂ O) on growth of <i>Salmonella Typhimurium</i> and <i>Salmonella Enteritidis</i>	Indian J. of Comparative Microbiology , Immunology and Infect. Dis.	39 (1):23-27.	4.79
38	Mhase, P.P., Bannalikal, A.K.S., Karande, V.V., Londhe, S.P. and Devarajan, P.	2018	Efficacy of biodegradable lipomer doxycycline nanoparticle combination against brucellosis in macrophage cells	Pantnagar Journal of Research	16(3): 217-223	3.26
39	VivekViswanathan, Rajesh Pharande, AnilkumarBannalikal, Pushpa Gupta, Umesh Gupta, AlkaMukne	2019	Inhalable liposomes of Glycyrrhiza glabra extract for use in tuberculosis: formulation, in vitro characterization, in vivo lung deposition, and in vivo pharmacodynamic studies	Drug development and industrial pharmacy	45 (1): 11-20	8.3
40	T S Aher, R S Gandge, S S Bhave	2020	Antibacterial Susceptibility testing of <i>Mycoplasma gallisepticum</i> isolated from poultry.	Indian Journal of Animal Sciences	89 (11): 1221-1223	6.23
41	Behera, S., R. R. Pharande, R. R. Reddy, S. B. Majee, S. Mukherjee and A. R. Suryawanshi,	2020	Quantitative proteomics leads to identify dog brain proteins involved in rabies virus infection: implication in understanding viral pathophysiology	Journal of Proteins and Proteomics	11:241–257	4.55
42	S C Varghese and R S Gandge	2020	Genus specific PCR–RFLP and multiplex PCR for diagnosis of avian Mycoplasmosis	Indian Journal of Animal Sciences.	2020. 90 (2): 161–165	6.29
43	Mhaske Vrushali S, Gandge Rajashree S.,Pharande Rajesh R., Majee Sharmila B.	2021	Development of indigenous experimental plate agglutination antigen for detection of <i>Mycoplasma gallisepticum</i> antibodies	Indian J. of Poultry Science.	56 (2):189-193	5.85
44	Pharande, Rajesh Raghunanth, SharmilaBadalMa	2021	Evolutionary analysis of rabies virus using the partial Nucleoprotein and	Journal of General Virology	102(3):001521.	9.38

	jee, Satish S. Gaikwad, S. D. Moregoankar, AnilKumarBannalika, AakashDoiphode, RajashriGandge, DhananjayDighe, Sonal Ingle, and Sandeepan Mukherjee		Glycoprotein gene in Mumbai region of India			
45	JM Nale, RR Pharande, SB Majee, RS Gandge, MP Sawane, SA Ingle	2021	Serosurveillance of rabies antibodies in dogs in Mumbai region by using indirect ELISA	Comparative Immunology, Microbiology and Infectious Diseases	76, 101655	7.57
46	V. R. Patange, V. D. Thorat, S. B. Majee and R. S. Gandge	2021	Prevalence and characterization of Staphylococcus aureus from raw milk in Mumbai region	Indian J Anim Health	60(2)-Special Issue: 262-271	5.25
47	V.D. Thorat, A.S. Bannalika, S.B. Majee	2022	Evaluation of EryC as Molecular Marker for Differential Identification of Brucella abortus from Vaccine Strain S 19	Indian Journal of Animal Research DOI: 10.18805/IJA R.B-4812	10.18805/IJA R.B-4812	6.44
48	Varsha Patange and VarshaThorat	2022	Isolation of <i>Escherichia coli</i> from raw milk and detection of antibiotic resistance genes by bla TEM PCR	Indian Journal of Dairy Science	75(6): 1-7	5.95
49	S.S Sankhe, V.D.Thorat, S.B.Majee and R.R.Shelar	2022	Prevalence of brucellosis in sheep and goat in Mumbai and Pune region by serological methods	Indian Animal Health	DOI: https://doi.org/10.36062/ijah.11321	5.25
50	V.D. Thorat and A.S. Bannalika	2022	Molecular characterization of Brucella species detected from clinical samples of cattle and buffaloes	Indian Journal of Animal Sciences	92(11)	6.29
51	S.S Sankhe and V.D.Thorat	2023	Molecular characterization of Brucella melitensis detected in blood and serum samples of sheep and goats	India Journal of Small Ruminants	29 (1): 78-83	5.95

52	Swapnil Lonkar, Varsha Thorat, Rajashree Gandge, Rajesh Pharande and Sandeep Gaikwad	2023	Detection of <i>Brucella melitensis</i> in milk and serum samples of goats by serological and molecular techniques	Indian Journal of Animal Sciences, August doi.org/10.56093/ijans.v93i8.129327	93 (8): 764–769	6.32
53	D. D. Ingle, V. D. Thorat, R. S. Gandge, R. R. Pharande and P. D. Gadhav	2023	Molecular detection of <i>Brucella abortus</i> detected from bovine clinical samples	Indian J Anim Health	DOI: https://doi.org/10.36062/ijah.2023.04123	5.25
54	Thangaraj, Jeromie Wesley Vivian Patil, Deepak B ... Rajesh Pharande et al.	2025	Estimates of the burden of human rabies deaths and animal bites in India, 2022–23: a community-based cross-sectional survey and probability decision-tree modelling study	The Lancet Infectious Diseases	25(1) 126 - 134	20

List of Accession Number submitted obtained from NCBI:

Sr. No.	Accession No.	Organism name Sample no.	Year	Authors
1	JQ966068	<i>Brucella abortus</i>	2012	Bhiogade, P.P., Londhe, S.P., Jagadale, S.D., Dighe, V.D. Bannalikal, A.S
2	JQ966070			
3	JQ966071			
4-11	JX889618 - JX889625			
12	JQ044415	<i>Brucella abortus</i>	2012	Madale, D.S., Londhe, S.P., Jagadale, S.D., Dighe, V.D. Bannalikal A S
13	JQ044417			
14	JQ044418			
15	JQ361748	<i>Brucella abortus</i>	2012	Patil, M.R., Jagdale, S.D., Dhighe, V.D. and Bannalikal, A.S
16	HQ392505	<i>Brucella abortus</i>	2012	Mahajan, M.V., Bannalikal, A.S Dighe, V.D

17	KC847058	<i>Brucella abortus</i>	2013	Patil,M.R., Dighe,V.D. Bannalika,r,A.S.
18	KC790986	<i>Brucella abortus</i>	2014	Patil,M.R., Dighe,V.D. and Bannalika,r,A.S
19	KJ914912	<i>Brucella abortus</i>	2014	Patil,M.R., Dighe,V.D., Bhong,C.D. Bannalika,r,A.S
20	KP264958.1	Fusarium chlamydosporum strain	2014	Joshi,D. M., Majee,S.B., Mageshwaran, V., Bannalika,r,A.S., Mhase, P.P., Gandge,R.S. ,Pharande, R.R., Jagadale, S.D., Jadhav, S.V., Doiphode,A.Y
21	KP264959.1	Fusarium equiseti strain		
22	KP209032.1	Fusarium sp.		
23	KP264962.1	Fusarium thapsinum strain		
24	KP264960.1	Alternaria alternata strain		
25	KP264957.1	Aspergillus terreus strain		
26	KP264961.1	Lichtheimiaramosa strain		
27	KX259335	Mycoplasma synoviae. Sqn Contig- Pal12	2016	Gandge, R. S. ,Majee, S. B., Kamble, S.Y. and Patil, S.V.
28-29	HQ132291 - HQ132292	<i>Brucella abortus</i>	2016	Londhe,S.P., Aher,A.S., Bannalika,r,A.S Dighe,V.D.
30-31	GU433108- GU433109	<i>Brucella abortus</i>	2016	Londhe,S.P., Bannalika,r,A.S Dighe,V.D.
32	KY467400	MG P108	Jan 2017	Gandge,R.S. ,Majee,S.B , Gaikwad,S.S. and Bukte,S.R.
33	KY467401	MG Raigad23		
34	KY467402	MG PK10		
35	KY467403	MG P15		
36	MF180236	Uncultured Mycoplasma sp. clone MGF (M. gallinarum)	May 2017	Cherian,S.C., Gandge,R.S. and Ingle,S.A.
37-42	MF962910-15	Rabies lyssavirus strain Mumbai isolates glycoprotein G (G)mRNA, partial cds	13- SEP- 2017	R.R.Pharande, S.B.Majee, A.S. Bannalika,r, S.S. Gaikwad, R.S. Gandge , R.V.Dighe, S.S.Moregaonkar, A.Y. Doiphode, and S.Mukherjee

43-48	MK248521-26	Rabies lyssavirus strain nucleoprotein gene, partial cds.	30-NOV-2018	Pharande, R., Majee, S.B., Bannalika, A. S., Doiphode, A., Gaikwad, S.S., Gandge, R.S. and Moregaonkar, S. D.
49	MK737926	Mycoplasma sp. strain 0119_259_001_PCR_D2_F-E02.ab1 16S (<i>M. gallinaceum</i>)	March 2019	Gandge, R., Nehe, S. G., Majee, S. B., Qureshi, S. and Bhat, B. A.
50	MK737927	Mycoplasma sp. strain 0119_259_002_PCR_D2_R-E09.ab1 16S (<i>M. gallinaceum</i>)		
51	MK737928	Mycoplasma spp. strain 0119_259_003_PCR_K9_F-F02.ab1 16S <i>Mycoplasma synoviae</i>		
52	MK737929	Mycoplasma sp. strain 0119_259_004_PCR_K9_R-F09.ab1 16S <i>Mycoplasma synoviae</i>		
53	MK737930	Mycoplasma sp. strain 0119_259_005_PCR_K1_F-G02.ab1 16S <i>Mycoplasma synoviae</i>		
54	MK737931	Mycoplasma sp. strain 0119_259_006_PCR_K1_R-G09.ab1 16S <i>Mycoplasma synoviae</i>		
55	MK737932	Mycoplasma sp. strain 0119_259_007_PCR_P4_F-H02.ab1 16S <i>Mycoplasma penetrans</i>		
56	MK737933	Mycoplasma sp. strain 0119_259_008_PCR_P4_R-H09.ab1 16S <i>Mycoplasma penetrans</i>		
57	MK737934	Mycoplasma sp. strain 0119_259_011_PCR_S10_F-B03.ab1 16S <i>Mycoplasma synoviae</i>		
58	MK737935	Mycoplasma sp. strain 0119_259_012_PCR_S10_R-B10.ab1 16S <i>Mycoplasma synoviae</i>		

59	MK968452	<i>Lactobacillus brevis</i> strain LAB 1 16S ribosomal RNA gene, partial sequence.	27-May 2019	Ingle, S.A., Jadhav, K.G., Gandge, R.S. , Palampalle, H.Y., Jagdale, S.D., Thorat, V.D. and Majee, S.B.
60	MK969118	<i>Lactobacillus harbinensis</i> strain LAB 2 16S ribosomal RNA gene, partial sequence.	28-May 2019	Ingle, S.A., Jadhav, K.G., Thorat, V.D., Gandge, R.S. , Pharande, R.R. and Majee, S.B.
61	MN069558	<i>M. gallisepticum</i> isolate MG02	June 2019	Gandge, R. , Patil, S., Dighe, V., Huda, D. and Majee, S.
62	MN069580	<i>Mycoplasma gallisepticum</i> isolate 140		
63	MN069581	<i>Mycoplasma gallisepticum</i> isolate 139		
64	MN069582	<i>Mycoplasma synoviae</i> isolate MS98		
65	MN069583	<i>Mycoplasma gallisepticum</i> isolate 02		
66	MN069591	<i>Mycoplasma synoviae</i> isolate MS99		
67-72	MK248521-MK248526	<i>Rabies Virus "N" gene</i>	2019	R.R.Pharande, S.B.Majee, A.S. Bannalika, S.S.Gaikwad, R.S.Gandge, R.V.Dighe, S.S.Moregaonkar, A.Y.Doiphode, and S.Mukherjee
73-78	MF962910-MF962915	<i>Rabies Virus "G" gene</i>	2019	R.R.Pharande, S.B.Majee, A.S. Bannalika, S.S.Gaikwad, R.S.Gandge, R.V.Dighe, S.S.Moregaonkar, A.Y.Doiphode, and S.Mukherjee
79	MN602747	<i>Mycoplasma synoviae</i> isolate MS116 variable lipoprotein	26-FEB-2020	Luitel, P.L., Gandge, R.S. and Majee, S.B.
80	MW343458	<i>Brucella abortus</i> strain MVC	31-AUG-2021	Gandge, R. S. , Hemade, M.V., Ingle, S.A., Majee, S.B., Pharande, R.R., Thorat, V.D. and Dhage, R.V.

81	OM144480	Lyssavirus rabies isolate 1 nucleoprotein (N) gene,partial sequence.	17-OCT-2022	Jadhav,S.A., Pharande,R.R., Majee,S.B., Gandge,R.S. , Ingle,S.A., Tripathi,S.M. and Mukherjee,S.
82	OM144481	Lyssavirus rabies isolate 2 nucleoprotein (N) gene, partial sequence	17-OCT-2022	
83	OM144482	Lyssavirus rabies isolate 3 nucleoprotein (N) gene, partial sequence.	17-OCT-2022	
84	OM202459	Brucella abortus strain MB1 sequence.	17-OCT-2022	Potta,P., Gandge,R.S., Pharande,R.R., Zende,R.J., Ingole,S.D., Vadiya,V.M., Thorat,V.D., Dhage,R.V. and Majee,S.B.
85-90	MH045841- MH045846	<i>Brucella abortus</i>	2023	Thorat V.D., Bannalikar A.S., Doiphode Majee S.B., Gaikwad S.S
91-95	PP826239- PP826243	<i>Rabies Virus "G" gene</i>	2024	Pharande,R.R. and Gandge,R.S.
96	OR 344908	<i>Brucella abortus</i>	2024	Thorat V.D., Bannalikar A.S., Gangil R.
97-99	OR 339877- OR 339879	<i>Brucella melitensis</i>	2024	Thorat V.D., Bannalikar A.S., Gangil R.