



**Dr. N.K. Maiti**

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<b>Division</b>	Division of Fish health management	
<b>Institute/ University</b>	Central Institute of Freshwater Aquaculture (Indian Council of Agricultural Research)	
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<b>Date of Birth</b>	23rd November, 1955	
<b>Sex</b>	Male	
<b>Academic qualifications</b>		
<b>1.</b>	<b>Ph.D.</b>	Deptt. of Veterinary Microbiology Bidhan Chandra Krishi Vishva Vidyala, Calcutta, India, Sept. 1991 to Sept.1994.
<b>2.</b>	<b>M.V.Sc.</b>	Department of Veterinary Bacteriology and Virology, Punjab Agricultural University, Ludhiana, India. August 1981 to December 1983.
<b>3.</b>	<b>B.V.Sc.</b>	Bengal Veterinary College, B.C.K.V., Calcutta 1975 to 1980. awarded distinction.
<b>Academic awards</b>	<b>Scholarships/ Fellowships awarded</b>	
	<ol style="list-style-type: none"> <li>1. Receipt of University Merit Scholarship during U.G. Programme.</li> <li>2. Awarded ICAR Junior Fellowship during Master's Programme.</li> </ol>	
<b>Experience</b>	<ol style="list-style-type: none"> <li>1. 17 years teaching and research experience in Animal virology in Punjab Agrilcultural University(1984-2001)</li> <li>2. CIFA-2002 onwards</li> </ol>	

<b>Current Research Interests</b>	Microbial biodiversity and systematic
<b>Current Research Projects</b>	<ol style="list-style-type: none"> <li>1. Isolation and characterisation of bacteria from Freshwater Ecosystems</li> <li>2. Bioprospecting of gene and allele mining for abiotic stress tolerance</li> </ol>
<b>Publications</b>	<p><b>List of Publications</b></p> <ol style="list-style-type: none"> <li>1. Maiti, N.K., Sharma, S.N. and Sambyal, D.S. 1984. Isolation of a mesogenic strain of Newcastle disease virus from hen. <i>Veterinary Rec.</i> <b>115</b>:225.</li> <li>2. Maiti, N.K., Sharma, S.N. and Sambyal, D.S. 1985. Isolation of infectious bronchitis virus from intestine and reproductive organs of laying hens with dropped egg production. <i>Avian Diseases.</i> <b>29</b>: 509-513.</li> <li>3. Maiti, N.K., Sharma, S.N. and Sambyal, D.S. 1985. Precipitating antibodies against infectious bronchitis and fowl adenoviruses in laying birds with egg drop problem. <i>J. Res. Punjab Agric. Univ.</i> <b>22</b>: 291-293.</li> <li>4. Baruah, G.K., Maiti, N.K., Singh, B. and Sharma, S.N. 1986. Seroprevalence and aetiopathology of egg syndrome of poultry in Punjab. <i>Indian J. Anim. Sci.</i> <b>56(10)</b>:1047-1052.</li> <li>5. Chatterjee, D., Sambyal, D.S., Sharma, S.N. and Maiti, N.K. 1986. Isolation and characterization of fowl pox virus strains. <i>J. Res. Punjab Agric. Univ.</i> <b>23(4)</b>: 665-667.</li> <li>6. Maiti, N.K., Oberoi, M.S. and Sharma, S.N. 1987. Antigenic analysis of fowl adenovirus and infectious bronchitis virus isolates by immunoelectrophoresis and neutralization tests. <i>Indian J. Anim. Sci.</i> <b>57(1)</b>: 5-8.</li> <li>7. Maiti, N.K., Baruah, G.K., Sharma, S.N. and Singh, B. 1987. A study on fowl adenovirus in chicken. <i>Acta Veterinaria (Beograd)</i> <b>37</b>: 293-298.</li> <li>8. Baruah, G.K., Maiti, N.K., Singh, B. and Sharma, S.N. 1988. Pathogenicity of a strain of IBV isolated from cases of drop of egg production in chicks. <i>Kerala J. Vet. Sci.</i> <b>19</b>: 53-60.</li> <li>9. Chatterjee, D., Sambyal, D.S., Sharma, S.N., Grewal, G.S. and Maiti, N.K. Comparative pathogenicity of fowl poxvirus strains in chicken embryo and chicken. <i>Indian J. Anim. Sci.</i> <b>58</b>: 776-779.</li> </ol>

10. Chatterjee, D., Sambyal, D.S., Maiti, N.K. and Sharma, S.N. 1987. Studies on pock morphology of fowl pox virus. *J. Res. Punjab Agric. Univ.* **24**:679-681.
11. Das, S.K., Maiti, N.K. and Sharma, S.N. 1989. Structural proteins of fowl pox virus strains. *Indian J. Anim. Sci.* **59**: 636-639.
12. Das, S.K., Maiti, N.K. and Sharma, S.N. 1989. Studies on the soluble antigens of fowl pox virus strains by DEAE cellulose chromatography. *Indian J. Anim. Sci.* **58**:1135-1137.
13. Mangat, A.P.S., Gill, B.S. and Maiti, N.K. 1989. Immunosuppressive effect of low level of aflatoxin against Ranikhet disease in chicken. *Indian J. Comp. Microbiol. Immunol. Infect. Dis.* **10**: 25-30.
14. Maiti, N.K., Saini, S.S. and Sharma, S.N. 1990. Histochemical studies on chicken peripheral blood lymphocytes. *Vet. Res. Commun.* **14**:207-210.
15. Saini, S.S., Maiti, N.K. and Sharma, S.N. 1989. Immune response of chicks to combined oral vaccination with intra and extracellular fowl pox virus. *Trop. Anim. Hlth. & Prod.* **22**: 165-169.
16. Saini, S.S., Sodhi, S.S., Maiti, N.K. and Sharma, S.N. 1990. Combined oral vaccination of chicken against Newcastle disease and fowl pox. *Indian J. Anim. Sci.* **60**:387-389.
17. Saini, S.S., Sodhi, S.S., Maiti, N.K. and Sharma, S.N. 1990. Immune response of chicks of oral vaccination against Newcastle disease and fowl pox. *J. Comp. Immunol. Microbiol. & Infec. Dis.* **13**: 1-6.
18. Das, S.K., Maiti, N.K. and Sharma, S.N. 1990. Immunoelectrophoretic pattern of fowl pox virus strains. *Indian J. Anim. Sci.* **60**: 1188-1189.
19. Maiti, N.K., Sharma, S.N. and Oberoi, M.S. 1990. Biochemical and immunological comparison of fowl adenovirus, type-1 strain. *Indian J. Anim. Sci.* **60**: 1154-1158.
20. Nagal, K.B., Maiti, N.K., Oberoi, M.S. and Sharma, S.N. 1990. Antigenic characterization of fowl adenovirus strain by neutralization test dot ELISA. *Indian J. Anim. Sci.* **60**: 1023-1026.
21. Oberoi, M.S., Maiti, N.K. and Sharma, S.N. 1990. Detection of avian adenoviruses by counter immunoelectrophoresis. *Indian J.*

- Anim. Sci.* **60**: 1307-1308.
22. Naga, K.B., Maiti, N.K., Oberoi, M.S. and Sharma, S.N.1990. Isolation and characterization of avian adenovirus from the cases of IBH in broiler. *Archive, veterinaria.* **19**: 83-86.
  23. Saini, S.S., Sodhi, S.S., Maiti, N.K. and Sharma, S.N. 1990. Immune response of chicks to fow pox vaccination. *Indian Vet. J.* **67**: 689-693.
  24. Maiti, N.K., Oberoi, M.S. and Sharma, S.N. 1991. Comparative studies on the antigenicity of extra and intracellular fowl pox virus. *J. Comp. Immunol. Microbiol. & Infect. Dis.* **14(1)**: 59-62.
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  27. Lal, Bhushan, Maiti, N.K., Oberoi, M.S. and Sharma, S.N. 1991. Cell mediated immune response of chicks following infection with FAV-1. *Comp. Immunol. Microbiol. Infect. Dis.* **14 (1)**: 55-58.
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  31. Saini, S.S., Sharma, J.K., Maiti, N.K. and Kwatra., M.S. 1992. Seroprevalence of precipitating antibodies to bluetongue virus among domestic ruminants of Punjab state. *Indian J Anim Sci.* **62**: 416-417.
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  53. Mohanty S, Choudhury P. K, Dash A, Samanta M and Maiti N. K (2011) Genotypic and phenotypic diversity of *Bacillus* spp. isolated from Freshwater Ecosystems, *J.Aquaculture Research & Development* 2 -1000112.