



**National Bureau of Fish Genetic Resources**  
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**Name** Dr. Neeraj Sood  
**Designation** Senior Scientist  
**Date of birth** August 11, 1968  
**Professional experience** 13 years  
**Qualification** M.V.Sc. (Veterinary Pathology), Ph.D.



**Current area of Research** Fish Disease Diagnosis

**Area of Research Expertise**

- Production and characterization of monoclonal antibodies to fish immunoglobulins
- Detection of fish pathogens using molecular techniques
- Isolation and characterization of bacteria from fish

**Awards/ Recognitions**

**Publication (no.)**

- **Research papers** 22
- **Reviews** -
- **Books** 4
- **Book Chapters** 7
- **Popular articles** -
- **Others** -

**Important Research Publications**

**Sood N**, Chaudhary D K, Rathore G, Singh A and Lakra W S (2010). Monoclonal antibodies to snakehead, *Channa striata* immunoglobulins: Detection and Quantification of Immunoglobulin-positive cells in Blood and Lymphoid Organs (Fish and Shellfish Immunology, Submitted after 1<sup>st</sup> revision).

Rathore G, Kumar G, **Sood N**, Kapoor D, Lakra W S (2008). Development of monoclonal antibodies to rohu [*Labeo rohita*] immunoglobulins for use in immunoassay. Fish Shellfish Immunol. **25**: 761-774.

Goyal D, Singh A, **Sood N**, Gupta K and Sood N K (2009). Prevalence and pathology of hepatic affections associated with diseases of poultry. Indian Vet. J. **86**: 1219-21.

Swaminathan T R, **Sood N**, Rathore G, Abidi R and Lakra W S (2009). PCR Cloning and Partial Sequencing of rtxA Gene of non-O1 / non-O139 *Vibrio cholerae* Isolated from Gold Fish *Carassius auratus* in India. Asian Fisheries Science, **22**: 707-712.

- Gupta K, Singh P, Singh A, Singla V K, Sood N, Goyal D, Bineesh P P and **Sood N** (2008). Leiomyoma of the vagina with recurrent vaginal prolapse in a cow. *Ind. Vet. J.*, **85**: 93-4.
- Sood N**, Swaminathan T R and Rathore G (2008). Purification and partial characterization of serum immunoglobulins of *Channa striatus* (Bloch). *Indian J. Fish.* **55**: 257-60.
- Sood N**, Singh K, Sood N, Gupta K, Goyal D, Ragnath M and Singh A (2008). Metastatic leiomyosarcoma of spleen in a Spitz dog. *Indian J. Vet. Pathol.*, **32**: 75-77.
- Kumar G, Swaminathan T R, Rathore G, **Sood N** and Kapoor D (2008). Detection of *Edwardsiella tarda* from fish by specific amplification of a 450 bp fragment of 16s rRNA gene and its sequencing. *Indian J. Anim. Sci.* Vol. **78 (4)**: pp 94-97.
- Swaminathan T R, Rathore G, **Sood N**, Abidi R and Lakra W S (2007). *Vibrio cholerae* non-O1 and non-O139 serogroup isolated from ornamental fish in India. *Indian Vet. J.*, **84**: 1023-1025.
- Sood N**, Rathore G, Swaminathan T R, Abidi R, Mishra B N and Lakra, W S (2007). Isolation and characterization of serum immunoglobulin of *Cyprinus carpio* Indian J. Anim. Sci., **77**: 642-5.
- Rathore G, Kumar G, Swaminathan T R, **Sood N**, Singh V, Abidi R and Lakra W S (2007). Primary cell culture from fin explants of *Labeo rohita* (Ham.). *Indian J. Fish.*, **54**: 93-7.
- Rathore G, Swaminathan T R, **Sood N**, Mishra B N and Kapoor D (2006). Affinity purification and partial characterization of serum immunoglobulin of *Clarias gariepinus*. *Indian J. Exp. Biol.*, **44**: 1018-21.
- Sood N**, Gupta K, Sood N, Honeparkhe M and Singh A (2005). Locally infiltrative, non-metastasizing transitional cell carcinoma leading to dystocia, anuria and constipation in an Indian water buffalo (*Bubalus bubalis*). *Buffalo Bull.*, **24**: 51-55.
- Gupta K, Singh A, **Sood N**, Mohindroo J and Sood N K (2005). A Rare Case of Odontogenic Myxoma in a Dog. *J. Vet. Med. A*, **52**: 401-402.