

## BIODATA

<b>1. Name:</b>	Biswajit Brahma
<b>2. Designation:</b>	Professor
<b>3. Contact Address:</b>	Division of LPM, FVSc and AH, SKUAST-Jammu, R.S Pura, Jammu-181102
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<b>5. Mobile:</b>	+91- 9419248166
<b>6. Professional Experience:</b>	i. Professor 2018 till date
	ii. Associate professor 2015-2018
	iii. Assistant professor 2003-2015
<b>7. Awards/Honours/Scholarships:</b>	<ul style="list-style-type: none"> <li>• Excellence in Research Award (2017), Society for Bioinformatics and Biological Sciences (SBBS), India</li> <li>• Dr. S. P. Arora award (2002) for academic excellence, ICAR-NDRI.</li> <li>• Gold Medalist, ICAR-NDRI, First class First in Masters programme</li> <li>• ICAR- NDRI Masters &amp; Ph. D. Scholarships</li> <li>• University Merit Scholarship for UG Study: 1995-2000</li> <li>• National Merit Scholarship from West Bengal Education Department</li> </ul>
<b>8. Area of Specialization:</b>	Livestock Production Management
<b>9. Research Interest:</b>	Animal Health
<b>10. Total No. of Publication (Referred Journals):</b>	44
<b>11. Selected Publications (best five):</b>	
<ol style="list-style-type: none"> <li>1. Thakur K, Tomar SK, <b>Brahma B</b>, De S. (2016) Screening of riboflavin-producing lactobacilli by a polymerase-chain-reaction-based approach and microbiological assay. <i>Journal of Agriculture &amp; Food Chemistry</i>. 64(9):1950-6. doi: 10.1021/acs.jafc.5b06165. (NAAS rating: 11.90)</li> <li>2. De S, <b>Brahma B</b>, Polley S, Mukherjee A, Banerjee D, Gohain M, Singh KP, Singh R, Datta TK, Goswami SL (2011) Simplex and duplex PCR assays for species specific identification of cattle and buffalo milk and cheese. <i>Food Control</i> 22: 690-696. (NAAS rating: 12.65)</li> <li>3. <b>Brahma B</b>, Patra MC, Karri S, Chopra M, Mishra P, De BC, Kumar S, Mahanty S, Thakur K, Poluri KM, Datta TK, De S. (2015) Diversity, antimicrobial action and structure-activity relationship of buffalo cathelicidins. <i>PLoS One</i>. 10(12):e0144741. doi: 10.1371/journal.pone.0144741. (NAAS rating: 9.75)</li> </ol>	

<p>4. Umar Ul S.I., Konwar, D., Khan, A., Bhat, M.A., Javid, F., Jeelani, R., Nabi, B., Najjar, A.A., Kumar, D., Brahma B. (2021). Delineation of temperature-humidity index (THI) as indicator of heat stress in riverine buffaloes (<i>Bubalus bubalis</i>) of a sub-tropical Indian region. <b>Cell Stress and Chaperones</b>. <a href="https://doi.org/10.1007/s12192-021-01209-1">doi:10.1007/s12192-021-01209-1</a>(NAAS rating: 9.67)</p> <p>5. <b>Brahma B</b>, Kumar S, Mishra P, De BC, Patra MC, Chopra M, Gaur D, Datta TK, De S. (2015) Comparative genomic analysis of buffalo (<i>Bubalus bubalis</i>) NOD1 and NOD2 receptors and their functional role in <i>in-vitro</i> cellular immune response. <b>PLoS One</b>. DOI:10.1371/journal.pone.0119178. (NAAS rating: 9.75)</p>	
<p><b>12. Student advisory:</b></p>	<p>Guided 04 MVSc students as major advisor</p>
<p><b>13. Books/Manuals/ Monographs:</b></p>	<p>Book-4 Manual- 2</p>
<p><b>14. Seminar/Workshop/ Conference attended:</b></p>	<p>07</p>
<p><b>15. Extension trainings associated with:</b></p>	<p>Farmers' Training: 60; Vocational Trainings: 08 Short course: 02</p>
<p><b>6. Research projects as PI/Nodal Officer:</b></p>	<p><b>As PI:</b> Department of Biotechnology (DBT), Govt. of India. Project Title: Molecular characterization of a semi-domestic cattle breed of Jammu &amp; Kashmir. Grant No.: BT/PR10889/GBD/27/109/2008 Department of Science &amp; Technology (DST), Govt. of India. Project Title: Exploring genetic variation on the control of resistance to diseases in goat breeds of North -Western Himalayan region. Grant No.: CRG/2020/001137 <b>As Nodal Officer:</b> HADP Project: Reorienting Priorities: Self Sufficiency in mutton production HADP Project: Promotion of Wool/Pelt Processing and Marketing</p>
<p><b>17. Other Achievements if any(Please specify):</b></p>	<p>NA</p>

(Biswajit Brahma)