



**National Conference on  
Biotechnology Innovations: Interdisciplinary Approaches to  
Agriculture, Food, Health, Environment and Sustainable  
Development (NatConBio-2019)  
&  
Annual Meeting of Society of Biotechnologists (India)**

**September 27-28, 2019**

Jointly Organised by  
Faculty of Bio-Sciences and Faculty of Biotechnology, Institute of Bio-Sciences and  
Technology, Shri Ramswaroop Memorial University, Barabanki (Uttar Pradesh)  
And Society for Biotechnologist (India) (SBTI)

**Venue:** Shri Ramswaroop Memorial University (SRMU)  
Lucknow-Deva Road, Barabanki  
225003, Uttar Pradesh, INDIA

**PROGRAMME SCHEDULE**

<b>Day 1 – Friday, 27 September 2019</b>			
<b>Venue: Main Conference Hall, Shri Ramswaroop Memorial University</b>			
<b>Time</b>	<b>Program details</b>		
08:00 – 10.00 am	Registration		
<b>INAUGURAL SESSION</b>			
10:00 -11.30 am	Introduction	: <b>Dr. Meghna Singh</b>	
	Lighting of lamp and Sarswati Vandana	: <b>Hospitality committee and students</b>	
	Dignitaries on the Dias	:	
	Welcome address	: <b>Prof. (Dr.) Mahesh Basantani</b> (Dean, FoBS, IBST, SRMU)	
	Overview of the conference	: <b>Dr. Sunil Kumar</b> (Convener, NatConBio-2019)	
	About the Society for Biotechnologists (India)	: <b>Dr. Edathil Vijayan</b> (President, SBT (I))	
	Introduction of the Chief guest	: <b>Dr. Divya Gupta</b> (Co-convener, NatConBio-2019)	
	<b>Felicitations of Chief Guest</b>		
	Address by Chief Guest	: <b>Will be announced later</b>	
	Address by Director, IBST	: <b>Prof. (Dr.) Sanjiv Kumar Maheshwari</b> (Director, IBST, SRMU)	
	Address by Hon. Vice Chancellor	: <b>Prof. (Dr.) A. K. Singh</b> (Vice-Chancellor, SRMU)	
	Address by Hon. Chancellor/Pro-Chancellor	: <b>Mr. Pankaj Agarwal/Mrs. Pooja Agarwal</b> (Chancellor/Pro-Chancellor)	
Release of conference proceedings	: Dignitaries on the Dias		

11.30 -12.00 noon	<b>High Tea</b>		
<b>PLENARY SESSIONS</b>			
12.00-12.30 pm	<b>Plenary Talk – 1</b> <b>Padmabhushan Professor M. V. Pylee Lifetime Achievement Award Lecture:</b> <b>(Will be declared later by the society)</b>		<i>Topic: Will be decided as per the Speaker</i>  <b>Session chair:</b> <b>Dr. Edathil Vijayan</b> (President, SBT (I)) <b>Session Co-chair:</b> <b>Dr. Mahesh Kumar Basantani</b> (Dean, FoBS, IBST, SRMU)
12.30-01.00 pm	<b>Plenary Talk – 2</b> <b>Prof. (Dr.) Alok Dhawan</b> (Director, IITR-CSIR, Lucknow)		<i>Topic: Binding and stabilization of intracellular proteins using carbon based nanomaterials</i>  <b>Session Chair:</b> <b>Prof. (Dr.) K. P. Joy</b> (Vice President, SBT (I)) <b>Session Co-chair:</b> <b>Prof. (Dr.) B. N. Mishra</b> (Head, Dept. Biotechnology, IET, Lucknow)
1:00-1:30 pm	<b>Plenary Talk – 3</b> <b>Dr. Vinay Singh</b> (CEO of SYNG Pharmaceuticals Inc. Canada)		<i>Topic: Taming Brain: Neurosciences of Reading Struggles &amp; Remedial Therapy - Bioinformatics to rescue</i>  <b>Session Chair:</b> <b>Dr. Chandra Kant Sharma</b> Associate Professor, Mody University <b>Session Co-chair:</b> <b>Dr. O P Verma</b> (Associate Professor, SHUATS, Allahabad)
01.30- 2.30 pm	<b>Lunch Break</b>		
<b>02.30-03.15 pm - (Keynote Parellel Sessions)</b>			
<b>Keynote Talk-1</b> <b>(Medical Biotechnology)</b> <b>Prof. (Dr.) Swasti Tiwari</b>  <i>Venue: Main Conference Hall, SRMU</i>  <b>Chair: Dr. Vinay Singh</b> <b>Co-chair: Dr. Monika Sharma</b>	<b>Keynote Talk-2</b> <b>(Agriculture Biotechnology)</b> <b>Dr. Yogesh Mishra</b>  <i>Venue: Mini Auditorium, Admin Block, 1<sup>st</sup> Floor, SRMU</i>  <b>Chair: Dr. Atul Bhargava</b> <b>Co-chair: Dr. Sachidanand Singh</b>	<b>Keynote Talk-3</b> <b>(Food Biotechnology)</b> <b>Dr. A.D.Tripathi</b>  <i>Venue: Room No. 007, Academic Block-B1, SRMU</i>  <b>Chair: Dr. S. Rajan</b> <b>Co-chair: Dr. Prachi Bhargava</b>	<b>Keynote Talk-4</b> <b>(Environment and sustainability)</b> <b>Dr. S.K. Srivastava</b>  <i>Venue: Room No. 207, Academic Block-B1, SRMU</i>  <b>Chair: Dr. J K Srivastava</b> <b>Co-chair: Dr. Lakshmi Bala</b>
03.15-03.30 pm	<b>Tea Break</b>		
<b>03.30-05.30 pm - Oral and Poster Presentation- I</b>			
<b>03.30-05.30 pm - Oral Presentation (Parallel Sessions)</b>			
<b>Session-1</b> <b>Medical Biotechnology/ Computational Biology</b> <i>Venue: Main Conference Hall, SRMU</i> <b>Chair: Dr. Preeti Bajpai</b> <b>Co-chair: Dr. Anju TR</b> (Secretary SBT (I))	<b>Session-2</b> <b>Neurobiology</b> <i>Venue: Mini Auditorium, Admin Block, 1<sup>st</sup> Floor, SRMU</i> <b>Chair: Dr. Alok Kumar</b> <b>Co-chair: Dr. K. P. Joy</b> (Vice President, SBT (I))	<b>Session-3</b> <b>Cancer Biology</b> <i>Venue: Room No. 007, Academic Block-B1, SRMU</i> <b>Chair: Dr. Mahesh Basantani</b> <b>Co-chair: Dr. Naijil George</b> (Joint Treasurer, SBT (I))	<b>Session-4</b> <b>Herbal Medicine and Disease Management</b> <i>Venue: Room No. 207, Academic Block-B1, SRMU</i> <b>Chair: Dr. Sanjiv Kumar Maheshwari</b> <b>Co-chair: Dr. Baby Chakrapani</b> (Joint Secretary, SBT (I))
<b>03.30-05.30 pm – Poster Presentation</b> <b>Session-1</b> Venue: <b>Session Chairs/Jury</b> <b>Dr. Vinay Singh ()</b>			

**Day 2 – Saturday, 28 September 2019**

9:30-10:30 am	<b>Plenary Talk – 4</b> <b>Session for Farmers</b> <b>Dr. M. P. Singh, Allahabad University</b>	<i>Topic: Mushroom cultivation and its economic importance in India</i> <b>Session Chair:</b> <b>Prof. (Dr.) Sanjiv Kumar Maheshwari</b> (Director, IBST, SRMU) <b>Session Co-chair:</b> <b>Dr. Harish Siddiquei</b> (Head, Dept of Bioengineering, Integral University)
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**Day 2 – Saturday, 28 September 2019**

9:30-10:30 am	<b>Workshop on Biotechnology Research Commercialization</b> <b>Dr. Vinay Singh</b> (CEO of SYNG Pharmaceuticals Inc. Canada)	<i>Topic: Developing Toolbox for Biotechnology Research Commercialization - An Interactive Workshop</i> <b>Session Chair: Dr. Uday C Ghoshal</b> <b>Session Co-chair: Dr. Balraj Mittal</b>
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**10.30-11.15 am - (Keynote Parellel Sessions)**

<b>Keynote Talk-5</b> <b>(Medical Biotechnology)</b> <b>Dr. K.G. Raghu</b>  <i>Venue: Main Conference Hall, SRMU</i> <b>Chair: Prof. (Dr.) Mahesh K Basantani</b> <b>Co-chair: Dr. Mohanan V Veettil</b>	<b>Keynote Talk-6</b> <b>(Agriculture Biotechnology)</b> <b>Dr. Amitav Rakshit</b>  <i>Venue: Mini Auditorium, Admin Block, 1<sup>st</sup> Floor, SRMU</i> <b>Chair: Prof. (Dr.) JK Srivastava</b> <b>Co-chair: Dr. Atul Bhargava</b>	<b>Keynote Talk-7</b> <b>(Food Biotechnology)</b> <b>Prof. (Dr.) S. Rajan</b>  <i>Venue: Room No. 007, Academic Block-B1, SRMU</i> <b>Chair: Dr. Vinay Singh</b> <b>Co-chair: Dr. Prachi Bhargava</b>	<b>Keynote Talk-8</b> <b>(Pannel Discussion: Women Biotechnologist Entrepreneurship)</b>  <i>Venue: Room No. 207, Academic Block-B1, SRMU</i> <b>Pannelist: Dr. Swasti Tiwari</b> <b>Chair: Dr. Priti Bajpai</b> <b>Co-chair: Dr. Lakshmi Bala</b>
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**11:15 – 11:30 am (Tea Break)**

**11.30-12.15 pm - (Keynote Parellel Sessions)**

<b>Keynote Talk-9</b> <b>(Medical Biotechnology)</b> <b>Prof. (Dr.) Uday C. Ghosal</b>  <i>Venue: Main Conference Hall, SRMU</i> <b>Chair: Dr. MM Godbole</b> <b>Co-chair: Dr. Balraj Mittal</b>	<b>Keynote Talk-10</b> <b>(Neuroscience &amp; Neuroendocrinology)</b> <b>Dr. Radha Chaube</b>  <i>Venue: Mini Auditorium, Admin Block, 1<sup>st</sup> Floor, SRMU</i> <b>Chair: Dr. K P Joy</b> <b>Co-chair: Dr. Alok Kumar</b>	<b>Keynote Talk-11</b> <b>(Marine Biotechnology)</b> <b>Dr. R. Kirubakaran</b>  <i>Venue: Room No. 007, Academic Block-B1, SRMU</i> <b>Chair: Dr. Monika Sharma</b> <b>Co-chair: Dr. Harish Siddiqui</b>	<b>Keynote Talk-12</b> <b>(Cancer Biology)</b> <b>Dr. Mohanan V Veettil</b>  <i>Venue: Room No. 207, Academic Block-B1, SRMU</i> <b>Chair: Dr. K.G. Raghu</b> <b>Co-chair: Dr. Anju TR</b>
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**12.15-1.00 pm - (Keynote Parellel Sessions)**

<b>Keynote Talk-13</b> <b>(Medical Biotechnology)</b> <b>Prof. (Dr.) K. P. Joy</b>  <i>Venue: Main Conference Hall, SRMU</i> <b>Chair: Dr. Edathil Vijayan</b> <b>Co-chair: Dr. Radha Chaube</b>	<b>Keynote Talk-14</b> <b>(Agriculture Biotechnology)</b> <b>Prof. (Dr.) Dinesh Yadav</b>  <i>Venue: Mini Auditorium, Admin Block, 1<sup>st</sup> Floor, SRMU</i> <b>Chair: Dr. Sanjiv K Maheshwari</b> <b>Co-chair: Dr. Mahesh Basantani</b>	<b>Keynote Talk-15</b> <b>(Medicinal Chemistry)</b> <b>Dr. Chandra Kant Sharma</b>  <i>Venue: Room No. 007, Academic Block-B1, SRMU</i> <b>Chair: Dr. JK Srivastava</b> <b>Co-chair: Dr. Krishna Srivastava</b>	<b>Keynote Talk-16</b> <b>(Metabolomics)</b> <b>Dr. Lakshmi Bala</b>  <i>Venue: Room No. 207, Academic Block-B1, SRMU</i> <b>Chair: Dr. Sachidanand Singh</b> <b>Co-chair: Dr. Siddharth Vats</b>
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Day 2 – Saturday, 28 September 2019	
1.00- 2.00 pm	Lunch Break
2.00-4.00 pm	Oral and Poster Presentation- II
2.30 am-4.00 pm - Oral Presentation (Parallel Sessions)	
<b>Session-5</b> <b>Industrial Biotechnology</b>  <i>Venue:</i> Main Conference Hall, SRMU  <b>Chair: Dr. Prachi Bhargava</b> <b>Co-chair: Dr. Ajith Vengallur</b> (Treasurer, SBT (I))	<b>Session-6</b> <b>Microbial Biotechnology</b>  <i>Venue:</i> Mini Auditorium, Admin Block, 1 <sup>st</sup> Floor, SRMU  <b>Chair: Dr. OP Verma</b> <b>Co-chair: Dr. Najil George</b> (Joint Treasurer, SBT (I))
<b>Session-7</b> <b>Nanotechnology</b>  <i>Venue:</i> Room No. 007, Academic Block-B1, SRMU  <b>Chair: Dr. Monika Sharma</b> <b>Co-chair: Dr. Baby Chakrapani</b> (Joint Secretary, SBT (I))	<b>Session-8</b> <b>Other Interdisciplinary areas</b>  <i>Venue:</i> Room No. 207, Academic Block-B1, SRMU  <b>Chair: Dr. Vinay Singh</b> <b>Co-chair: Dr. KP Joy</b> (Vice President, SBT (I))
2.00 am- 4.00 pm	<b>Poster Presentation-II</b> <b>Session-2</b> <i>Venue:</i> <b>Session Chairs/Jury</b> <b>Dr. Vinay Singh ()</b> <b>Dr. Balraj Mittal (BBAU Lucknow)</b>
4.00-4.15 pm	Tea Break
4.15- 5.30 pm- VALEDICTORY SESSION	
Welcome	<b>Dr. OP Verma</b> (Co-convener, NatConBio-2019)
Address by SBT (I) Secretary	<b>Dr. Anju TR</b> (Secretary, SBT(I))
Valedictory Address by Chief Guest	
<b>Presentation of SBT (I) oral presentation awards &amp; SRMU awards</b>	
Feed back by Participants	
Vote of Thanks	<b>Dr. Sunil Kumar.</b> (Convener, NatConBio-2019)
National Anthem	

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