

# International e-Conference on Biopolymers

July 14-16, 2022

Day-1 | 14<sup>th</sup> July 2022 | Programme



Asian Polymer Association



Indian Chitin and Chitosan Society

## Inauguration

Coordinator : Chetna Verma, IIT Delhi

09:00-09:05	Welcome Address	R. Jayakumar (ICCS Secretary)
09:05-09:10	APA Address	Bhuvanesh Gupta (President, APA)
09:15-09:20	Bioforum Address	Manohar Badiger (Conference Chair)
09:20-09:25	Theme Address	B. S. Kaith (APA Bioforum, Coordinator)
09:25-09:35	ICCS Address	Er. Vikram Sudhakar (ICCS President)
09:35-09:50	Conference Address	Atul Khosla (Guest of Honour) Vice Chancellor, Shoolini Univ., H.P.
09:50-10:20	Inaugural Address	Jöns Hilborn (Chief Guest) University of Uppsala, Sweden
10:20-10:30	Vote of Thanks	Susheel Kalia (Conference Secretary)

## Session 1

Coordinator : Chetna Verma, IIT Delhi

Chairs: Laura Teodori (ENEA, Rome, Italy) & Manohar Badiger (NCL, Pune)

11:00-11:40	Plenary Talk	Pedro Fardim (KU Leuven, Belgium)
11:40-12:20	Plenary Talk	Biman B. Mandal (IIT, Guwahati)
12:20-13:00	Plenary Talk	Johannes Ganster (IAP, Potsdam-Golm, Germany)

## 13:00-14:00 | Lunch Break

### Session 2

#### Biopolymer & Biomaterials

Coordinator : Ankita Sharma; Chetna Verma

Chairs : N. C. Kothiyal (NIT, Jalandhar) & Y.S. Negi (IIT, Roorkee)

14:00-14:25	KN	Dominique Hourdet (250)
14:25-14:50	KN	Lee D. Wilson (300)
14:50-15:00	OL	Sushama Talegaonkar (302)
15:00-15:10	OL	Rohit Kaundal (162)
15:10-15:20	OL	Shashwati K Wankar (78)
15:20-15:30	OL	Parvinder K. (43)
15:30-15:40	OL	Roshni Pattanayak (100)

### Session 3

#### Functional Biopolymers & Biomaterials

Coordinator : Pratibha Singh; Vipula

Chairs : Anupama Sharma (P.U., Chandigarh) & Sunita Rattan (Amity Univ., Noida)

14:00-14:25	KN	Tatiana Budtova (226)
14:25-14:50	KN	Saurabh Kulshrestha (289)
14:50-15:00	OL	Deepika Raina (211)
15:00-15:10	OL	Ashwini C. Wali (209)
15:10-15:20	OL	Shwetha K. (64)
15:20-15:30	OL	Suresha P. R. (210)
15:30-15:40	OL	Anupama Moga (284)

### Session 4

#### Chitosan Symposium

Coordinator : Manali Somani; Rohini Verma

Chairs : R. Jayakumar (Amrita Vidyapeetham, Cochin) & Aravind Kumar Rengan (IIT, Hyderabad)

14:00-14:25	KN	Shinsuke Ifuku (257)
14:25-14:50	KN	Meenakshi Sankaran (286)
14:50-15:05	IL	Vandana Ghormade (229)
15:05-15:20	IL	Prajakta Dandekar Jain (301)
15:20-15:30	OL	Swetha Odivvedu (178)
15:30-15:40	OL	Bhoomika M. K. (315)

### Session 5

#### Biopolymers & Tissue Engineering

Coordinator : Ankita Sharma; Chetna Verma

Chairs : Rekha Lagarkha (Bundelkhand Univ., Jhansi) & Biman Mandal (IIT, Guwahati)

15:45-16:10	KN	Anna Liguori (311)
16:10-16:25	IL	Aditi Sangal (142)
16:25-16:35	OL	Sakchi Bhushan (160)
16:35-16:45	OL	Sandhya Singh (161)
16:45-16:55	OL	Subodh Kumar (81)
16:55-17:05	OL	Vaishnavi Bhatnagar (93)
17:05-17:15	OL	Ipsita Pattanayak (235)

### Session 6

#### Biopolymers in Wound Care & Drug Delivery

Coordinator : Pratibha Singh; Vipula

Chairs : Shivani Ghildiyal (AAIA, New Delhi) & Deepak Pathania (SVPCL, Mandi)

15:45-16:10	KN	Maiko Okajima (290)
16:10-16:25	IL	Surya Bhan (288)
16:25-16:35	OL	Shweta Rajawat (59)
16:35-16:45	OL	Shahab A. A. Nami (139)
16:45-16:55	OL	Vandna Choudhary (237)
16:55-17:05	OL	Vishakha Jaiswal (241)
17:05-17:15	OL	Sankar Rathinam (114)

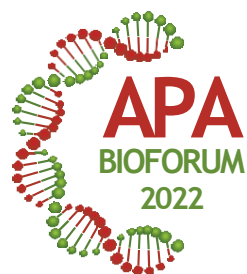
### Session 7

#### Chitosan Symposium

Coordinator : Vandana Kumari ; Aishwarya Arvind

Chairs : R. Jayakumar (Amrita Vidyapeetham, Cochin) & Meenakshi Sankaran (Gandhigram Rural Institute, Tamil Nadu)

15:45-16:10	KN	N Selvamurugan (310)
16:10-16:35	KN	Makoto Anraku (313)
16:35-16:50	IL	Mukund Deshpande (207)
16:50-17:05	IL	Aravind Kumar Rengan (277)
17:05-17:20	IL	Reshmi C. R. (282)



# International e-Conference on Biopolymers

July 14-16, 2022

Day-1 | 14<sup>th</sup> July 2022 | Programme



Asian Polymer Association



Indian Chitin and Chitosan Society

## Session 8

### Poster Presentations

Coordinator : Chetna Verma ; Aishwarya Arvind

Chairs : Aditi Sangal (Amity Univ., Noida) &  
Vijay Kumar (NIT, Srinagar)

17:30-17:35	Tusharkanta Nayak (149)
17:35-17:40	Umesh Gawai (197)
17:40-17:45	Chetan Patil (200)
17:45-17:50	Ankita Sharma (30)
17:50-17:55	Preety Kumari Kashyap (150)
17:55-18:00	Arshpreet Kaur (91)
18:00-18:05	Rachid Chawech (26)
18:05-18:10	Priya Gupta (109)
18:10-18:15	Sawant Archana Dilip (66)
18:15-18:20	Khushboo Bansal (87)
18:20-18:25	Khushbu Yadav (47)

## Session 9

### Poster Presentations

Coordinator : Vipula ; Vandana Kumari

Chairs : Dhiraj Sud (SLIET, Patiala) & Manu  
Vashishtha (Dr. B. R. Ambedkar Inst. of  
Technology, Port Blair)

17:30-17:35	Shashank Srivastava (110)
17:35-17:40	Aditya Nath Pandey (90)
17:40-17:45	Rajni Sharma (71)
17:45-17:50	Malika Singh (84)
17:50-17:55	Shrayashree Nag (80)
17:55-18:00	Atul Kumar Seth (69)
18:00-18:05	Pratibha Singh (29)
18:05-18:10	Arjumand Shaneen (171)
18:10-18:15	Chetan Kumar Singh (174)
18:15-18:20	Dinesh Singh (185)
18:20-18:25	Himani Sharma (183)

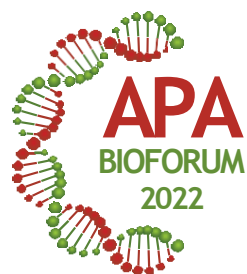
## Session 10

### Chitosan Symposium Poster Presentations

Coordinator : Manali Somani

Chairs : Shinsuke Ifuku (Tottori Univ., Japan) &  
Meenakshi Sankaran (Gandhigram Rural  
Institute, Tamil Nadu)

17:30-17:35	Sowmya (287)
17:35-17:40	Abinaya Shanmugavadivu (272)
17:40-17:45	Dagmawi Abebe Z. (260)
17:45-17:50	Nowshin Farzana Khan (258)
17:50-17:55	M. Nikitha Manuvelraja (253)
17:55-18:00	Ram Kumar (252)
18:00-18:05	Rohini Verma (37)
18:05-18:10	Priyadharshini T (232)
18:10-18:15	Rutuja Ravindra Pawar (231)
18:15-18:20	Pradip Madhukar Nandanwar (219)
18:20-18:25	Neena Singh (128)



# International e-Conference on Biopolymers

July 14-16, 2022

Day-2 | 15<sup>th</sup> July 2022 | Programme



Asian Polymer Association



Indian Chitin and Chitosan Society

## Session 11

Coordinator : Chetna Verma

Chairs : Anup Ghosh (IIT, Delhi) & Manohar Badiger (NCL, Pune)

09:00-09:40	Plenary Talk	Pralay Maiti (IIT, BHU) (216)
09:40-10:20	Plenary Talk	Ngai To (CUHK, Hong Kong) (306)
10:20-11:00	Plenary Talk	Youssef Habibi (Mohamed IV Polytech. Univ., Morocco) (307)

## Session 12

### Biopolymers & Tissue Engineering

Coordinator : Ankita Sharma; Chetna Verma

Chairs : Pralay Maiti (IIT, BHU) & Saurabh Kulshreshtha (Shoolini University, H.P.)

11:10-11:35	KN	Sabu Thomas ()
11:35-11:45	OL	Vianni Chopra (53)
11:45-11:55	OL	Supriya Bhatt (58)
11:55-12:05	OL	Kirubanandan Shanmugam (72)
12:05-12:15	OL	Rashmi E.V (276)
12:15-12:25	OL	Gurumoorthi Ramar (295)
12:25-12:35	OL	Puspanjali Sharma (265)

## Session 13

### Nanomaterial & Nanocomposites

Coordinator : Pratibha Singh; Vipula

Chairs : Yashveer Singh (IIT, Ropar) & W.J Kim (POSTEC, South Korea)

11:10-11:35	KN	Bhanu Nandan ()
11:35-11:45	OL	Rakhi Mandloi (136)
11:45-11:55	OL	Lalitha S Jairam (176)
11:55-12:05	OL	Manoj Sathwane (189)
12:05-12:15	OL	Sharika (177)
12:15-12:25	OL	Chayanika B. (106)
12:25-12:35	OL	Dipjyoti Bora (105)
12:35-12:45	OL	Giriraj Tailor (224)

## Session 14

### Herbal Therapeutics Symposium Contest

Coordinator : Manali Somani; Rohini Verma

Chairs : Surya Bhan (NEHU, Shillong) & Rahul Sherkhane (BHU, Varanasi)

11:10-11:20	OL	Navodit Kadam (82)
11:20-11:30	OL	Dhanya S. Mahendran (129)
11:30-11:40	OL	Siva C. Chabattula (122)
11:40-11:50	OL	Deepshikha Verma (233)
11:50-12:00	OL	Flavious P. Nonglang (214)
12:00-12:10	OL	Monika Thakur (137)
12:10-12:20	OL	Sandhya Shree (261)
12:20-12:30	OL	Vishal Kumar (251)

## 13:00 -14:00 | Lunch Break

## Session 15

### Antimicrobial Materials & Drug Delivery

Coordinator : Ankita Sharma; Aishwarya Arvind

Chairs : M.S. Alam (Jamai Hamdard, Delhi) & Taweechai Amarsakchai (Mahidol Univ., Thailand)

14:00-14:25	KN	Yashveer Singh (79)
14:25-14:50	KN	Jayanta Haldar (249)
14:50-15:05	IL	Manu Vashishtha (309)
15:05-15:15	OL	Veerender Sharma (108)
15:15-15:25	OL	Shekhar Kumar (70)
15:25-15:35	OL	Atul Soni (60)
15:35-15:45	OL	Sunil Kumar (62)
15:45-15:55	OL	K. Mageswari (125)
15:55-16:05	OL	Shabnam Thakur (130)
16:05-16:15	OL	Tilak Raj (104)

## Session 16

### Nanomaterial & Nanocomposites

Coordinator : Rohini Verma; Vipula

Chairs : Prakash Wadgaonkar (NCL, Pune) & A. Suzuki (YNU, Yokohama, Japan)

14:00-14:25	KN	Anupama Sharma (255)
14:25-14:50	KN	Sunita Rattan
14:50-15:05	IL	Sapna Sethi (126)
15:05-15:15	OL	Hitesh Kumar Singh (28)
15:15-15:25	OL	Rutuja S. Gumathannavar (65)
15:25-15:35	OL	Yogesh Jadhav (147)
15:35-15:45	OL	Nidhi Sapre (77)
15:45-15:55	OL	Chetna Verma (41)
15:55-16:05	OL	Dipanjal Sharma (293)

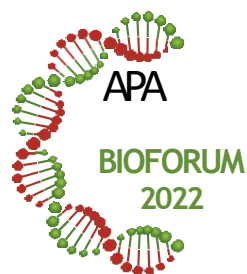
## Session 17

### Student Oral Contest

Coordinator : Vandana Kumari ; Manali Somani

Chairs : Satyendra Mishra (NMU, Jalgaon) & B. S. Kaith (NIT, Jalandhar)

14:00-14:10	OL	S. Sahu (291)
14:10-14:20	OL	Pratibha Singh (29)
14:20-14:30	OL	Jijo Wilson (275)
14:30-14:40	OL	Rahul Zende (240)
14:40-14:50	OL	Vatan Chawla (50)
14:50-15:00	OL	Abhinaya S. (272)
15:00-15:10	OL	S. C. Furtado (121)
15:10-15:20	OL	Swapna Maity (256)
15:20-15:30	OL	Priyadarshini T (232)



# International e-Conference on Biopolymers

July 14-16, 2022

Day-2 | 15<sup>th</sup> July 2022 | Programme



Asian Polymer Association



Indian Chitin and Chitosan Society

## Session 18

### Poster Presentations

Coordinator : Ankita Sharma; Chetna Verma

Chairs : Mukesh Singh (UPTTI, Kanpur) &  
Christine Jeyaseelan (Amity University, Noida)

16:30-16:35	Anurag Singh (63)
16:35-16:40	Manoj Kumar Mallick (74)
16:40-16:45	Pubali Chetia (102)
16:45-16:50	Akhilesh Kumar Yadav (120)
16:50-16:55	Ishita Guleria (86)
16:55-17:00	Mijmal Shan K. T. (34)
17:00-17:05	Vatan Chawla (50)
17:05-17:10	Sindhu Abraham (48)
17:10-17:15	Vandana Kumari (32)
17:15-17:20	Bernd G.K. Steiger (314)
17:20-17:25	Shilpa Sharma (33)

## Session 19

### Poster Presentations

Coordinator : Pratibha Singh

Chairs : N.G. Shimpy (University of Mumbai) &  
Garima Agrawal (IIT, Mandi)

16:30-16:35	Disha Harinkhere (195)
16:35-16:40	Vivek Chaudhary (118)
16:40-16:45	Saket Gupta (133)
16:45-16:50	Vipul Kumar (131)
16:50-16:55	Darshna (144)
16:55-17:00	Priyragini Singh (170)
17:00-17:05	Rajat Garg (169)
17:05-17:10	Ankit (191)
17:10-17:15	Sapna S. (166)
17:15-17:20	Pragna M. Shivannavar (203)

## Session 20

### Poster Presentations

Coordinator : Vipula; Rohini Verma

Chairs : Shamayita Patra (SUVV, Indore) &  
Niranjan Karak (Tezpur University, Assam)

16:30-16:35	Tresa Sunitha George (97)
16:35-16:40	Aishwarya Arvind (212)
16:40-16:45	Adarsh Chaturvedi (213)
16:45-16:50	Ekansh Agnishekhar (67)
16:50-16:55	Abhishek Yadav (113)
16:55-17:00	Nikita Nirwan (236)
17:00-17:05	Richa Bansal (218)
17:05-17:10	Manali Somani (222)
17:10-17:15	Anita Shekhawat (223)
17:15-17:20	Rahul Zende (240)

## Session 21

### Poster Presentations

Coordinator : Ankita Sharma; Chetna Verma

Chairs : Susheel Kalia (IMA, Dehradun) &  
Swati Sharma (Chandigarh University)

17:35-17:40	Deepinder Singh (248)
17:40-17:45	Yoshitha C. N. (234)
17:45-17:50	Nikita Singh (163)
17:50-17:55	Vinita Dhaware (230)
17:55-18:00	Vijay Kumar S.P. (165)
18:00-18:05	Swapn Maity (256)
18:05-18:10	Jijo Wilson (275)
18:10-18:15	Vasudha Vaid (46)
18:15-18:20	Sharukh Ahmad (95)
18:20-18:25	Saksham Jaswal (181)

## Session 22

### Poster Presentations

Coordinator : Vandana Kumari ; Aishwarya Arvind

Chairs : Manu Vashishtha (Port Blair) & A.K.  
Nadda (JIUT, Solan)

17:35-17:40	Amandeep Singh (308)
17:40-17:45	A. S. Patil (281)
17:45-17:50	Parvathy P A (280)
17:50-17:55	Sangeetha U.K. (279)
17:55-18:00	Vidya K. (274)
18:00-18:05	Darshan H. R. (273)
18:05-18:10	S. Srinivasan (271)
18:10-18:15	Khushboo Kumari (270)
18:15-18:20	Merin S. Mathew (269)
18:20-18:25	Prateek Mandyal (303)

## Session 23

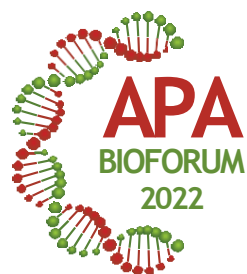
### Poster Presentations

Coordinator : Rohini Verma; Vipula

Chairs : Bimlesh Lochab (S.N. University,  
Noida) & Surabhi Singh (DRDO, New Delhi)

17:35-17:40	Safiya Nisar (164)
17:40-17:45	Richa Sharma (107)
17:45-17:50	Rohit Sharma (304)
17:50-17:55	Sharon Caroline Furtado (121)
17:55-18:00	Sreedev P. (117)
18:00-18:05	Yogesh Rajput (134)
18:05-18:10	Shailja Kumari (296)
18:10-18:15	Amulya K.C. (155)
18:15-18:20	Eliza Ahmed (156)
18:20-18:25	Sangeeta Sahu (291)





# International e-Conference on Biopolymers

July 14-16, 2022

Day-3 | 16<sup>th</sup> July 2022 | Programme



Asian Polymer Association



Indian Chitin and Chitosan Society

## Session 24

### Biopolymers for Advanced Applications

Coordinator : Ankita Sharma; Chetna Verma

Chairs : Krzysztof Pielichowski (Cracow Univ., Poland) & Pranee Phinyocheep (Mahidol Univ., Thailand)

09:00-09:15	IL	Emmanuel Joseph (127)
09:15-09:30	IL	Reena Singhal (57)
09:30-09:40	OL	Madhavi Garg (112)
09:40-09:50	OL	Yachana Gupta (51)
09:50-10:00	OL	Yuriya Anisimov (316)
10:00-10:10	OL	Dalip Saini (179)
10:10-10:20	OL	Devendra Kumar (132)
10:20-10:30	OL	Andrea G. Cordoba (305)
10:30-10:40	OL	Manali Jaithliya (175)

## Session 25

### Miscellaneous

Coordinator : Pratibha Singh; Vipula

Chairs: Satyendra Mishra (NMU, Jalgaon) & Prachi Singhal (Amity Univ., Noida)

09:00-09:15	IL	Vrinda S. Punnakkal (115)
09:15-09:30	IL	Bimlesh Lochab (292)
09:30-09:40	OL	Prajakta Naik (94)
09:40-09:50	OL	S.S. Thakur (242)
09:50-10:00	OL	Neeraja Revi (85)
10:00-10:10	OL	Vasudha Hasija (262)
10:10-10:20	OL	Monika Khurana (243)
10:20-10:30	OL	Vishal Priya (278)
10:30-10:40	OL	Abhinandan K (264)
10:40-10:50	OL	Atanu Kuila (184)

## Session 26

### Biopolymers & Applications

Coordinator : Vandana Kumari ; Aishwarya Arvind

Chairs : Mohammad Jawaid (Univ Putra Malaysia) & Smita Mohanthy (CIPET, Bhubaneswar)

09:00-09:15	IL	Shamayita Patra (266)
09:15-09:30	IL	Saloni (320)
09:30-09:40	OL	S. Radhakrishnan (83)
09:40-09:50	OL	P. Ravi (101)
09:50-10:00	OL	Bhibhu Prasad Dash (68)
10:00-10:10	OL	Anamika Nayak (52)
10:10-10:20	OL	Rishpreet Kaur (140)
10:20-10:30	OL	Kartick K. S. (228)
10:30-10:40	OL	Geetika Guleria (318)

## Session 27

### Biopolymers in Water Purification

Coordinator : Vandana Kumari ; Aishwarya Arvind

Chairs : Pooja Shandilya (Shoolini Univ. H.P.) & Lee Wilson (Univ. of Saskatchewan, Canada)

11:00-11:10	OL	Manpreet Kaur (123)
11:10-11:20	OL	J. G. Vijayan (198)
11:20-11:30	OL	Shivangi Pandey (88)
11:30-11:40	OL	Manisha Yadav (154)
11:40-11:50	OL	Priyanka Doondani (221)
11:50-12:00	OL	Pruthviben Prajapati (116)
12:00-12:10	OL	Priyanka Shisode (238)

## Session 28

### Biopolymers & Biomaterials

Coordinator : Vipula ; Pratibha Singh

Chairs : Manoj Raula (Amity Univ., Noida) & Anna Liguori (KTH, Stockholm)

11:00-11:15	IL	Vaishali S. Shinde(247)
11:15-11:30	IL	Anupama Kumar (206)
11:30-11:40	OL	Shakkira M (217)
11:40-11:50	OL	Shiny E. C. Kachhap (215)
11:50-12:00	OL	Suja Mathai (35)
12:00-12:10	OL	Ranjita S. Das (254)

## Session 29

### Biopolymer in wound care

Coordinator : Manali Somani ; Rohini Verma

Chairs : Gaurav Manik (IIT, Roorkee) & Poonam Negi (Shoolini University, H.P.)

11:00-11:10	OL	Anil Jogdand (152)
11:10-11:20	OL	Manisha U. Kunder (283)
11:20-11:30	OL	Sangeeth C. (267)
11:30-11:40	OL	Megha K. (259)
11:40-11:50	OL	Neha Raina (192)
11:50-12:00	OL	H. S. Mohapatra (317)

## Valedictory Session

Coordinator : Chetna Verma

12:30-12:40	Welcome Address	Sunita Rattan (Secretary, APA, Conference Co-chair)
12:40-12:50	APA Address	Bhuvanesh Gupta (President, APA, Conference Chair)
12:50-13:00	Theme Address	Anup Ghosh (Honorary chair)
13:00-13:10	Conference Address	Manohar Badiger (Conference Chair)
13:10-13:30	Keynote Address	K.S. Rana (Guest of Honour) Vice Chancellor, Starex Univ., Gurgaon
13:30-13:55	Valedictory Address	Sanjay K. Nayak (Chief Guest) Vice Chancellor, Ravenshaw Univ. Cuttack
13:55-14:05	Award Presentation	Sanjay K. Nayak (Chief Guest) Vice Chancellor, Ravenshaw Univ. Cuttack
14:05-14:10	Vote of Thanks	Susheel Kalia (Conference Secretary)