

**Name:** Dr. Seema Kirar

**Designation:** Research Associate, CIAB, Mohali

**Date of joining:** 10/02/2021

**Email ID:** [seemakirar012@gmail.com](mailto:seemakirar012@gmail.com)

**Responsibility at CIAB:** Nanofilm formation using Agri-biomass



**Educational qualification:**

S.No.	Description	Board/University	Year	%/CGPA
1	PhD	NIPER, S.A.S. NAGAR	2019	9.17
2	M. Tech (Pharm.)	NIPER, S.A.S. NAGAR	2013	9.18
3	B. Pharm	Barkatullah University Bhopal MP	2011	72%

**Work experience**

Lecturer at University of Kota, Kota, Rajasthan from- Sept. 2019- Jan 2021

**Awards/Honours/Recognitions**

- Received **DBT-SRF** July2018
- Received **DBT-SRF** July2016
- Received **DBT-JRF** July2014
- Qualified **CSIR-JRF-NET** June 2013, **AIR39**
- Qualified **NIPER-JEE** June 2014, **AIR2**
- Qualified **GATE** in Life sciences2013
- Qualified **GATE** in Life sciences2011
- Qualified **NIPER-JEE-2011** with AIR210
- Qualified **GPAT** in 2011, AIR 779
- **Best poster award** on AsBIC9 conference held at NUS, Singapore 2018
- **Best poster award** on 3<sup>rd</sup> CRIKC at CSIR-CSIO, Chandigarh, India, 2017
- **Best technical poster** award on 1<sup>st</sup> SEEC at CIAB, India 2017
- ICMR travels grant
- DST-SERB travel grant
- AsBIC9 Singapore travel grant
- NWC San Francisco USA travel grant

## List of Publications

Nanomedicine: Nanotechnology, Biology and Medicine, 2021, 102368

Bioorganic chemistry, 2020, 99, 103787

RSC Advances, 2020, 10 (13), 76287634

ACS Biomater. Sci. Eng. 2018, 4(2), 473–482

ACS Appl. Bio Mater. 2019, 2, 10, 4202-4212

Enzyme and Microb Technol. 2018, 118, 83–91

J Org Chem. 2017, 82(18), 9350–9359

ACS Sustainable Chem. Eng. 2017, 5(9), 7950–7960

New J. Chem. 2016, 40, 724–731

## Book chapters

J. Bhaumik, **S. Kirar**, J. K. Laha, Theranostic nanoconjugates of tetrapyrrolic macrocycles and their applications in photodynamic therapy, Book chapter no 22, Publisher: Springer, Book Title: Redox-Active Therapeutics, 2016, 509-524.