

## **CURRICULUM VITAE**

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**SANYA BATHEJA**

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### **Objective:**

A highly motivated person with good attitude, strong analytical and development skill, wanted to become part of leading organization and fulfill the desire of acquiring knowledge and pleasure in working with the most competent professional.

### **Educational Qualification:**

<b>Year</b>	<b>Course</b>	<b>University/ Board</b>	<b>College/Institution</b>	<b>Performance (in %/ CGPA/SGPA)</b>
2022	Pre-PhD	Central University of Rajasthan	Central University of Rajasthan, Ajmer	8.00
2021	Masters in Pharmacy	Central University of Rajasthan	Central University of Rajasthan, Ajmer	8.22
2019	Bachelors in Pharmacy	Dr.APJ Abdul Kalam Technical University	Lloyd Institute of Management & Technology, Greater Noida	82.03
2016	Diploma in Pharmacy	Delhi University	Delhi Institute of Pharmaceuticals Science and Research, Pushp Vihar	70.28
2014	Class XII	CBSE	Rich Harvest Public School, Janakpuri	80.42
2012	Class X	CBSE	Rich Harvest Public School, Janakpuri	8.60

### **Training:**

1. Online training at CSIR-NEIST Summer Research Training Program 2020  
Tenure: 90 days (3 months)
2. Internship at Turacoz Healthcare Solutions Pvt. Ltd.  
Tenure: 30 days; Stipend: Rs. 4000/-

3. Internship at Suprachem Pharmaceuticals Pvt. Ltd.  
Department: Manufacturing, Production, QA; Tenure: 30 days
4. Internship at Mata Chanan Devi Hospital  
Department: Pharmacy (IPD); Tenure: 45days
5. Internship at Janakpuri Super Speciality Hospital  
Department: Pharmacy (OPD); Tenure: 500 hours (3 months)

#### **Achievements:**

- Secured **best paper award** in the 8<sup>th</sup> International Conference Shastrarth 2023.
- Qualified CUCET-Ph.D. in 2021.
- Secured AIR-390 with 99.22 percentile in GPAT 2020.
- Secured AIR-20 with 96.42 percentile in CUCET 2019.
- Secured “**Academic Excellence Award**” of Rs. 10,000/- in B.pharmacy (3<sup>rd</sup> year).
- Secured 1<sup>st</sup> position in the National Conference on the theme-‘Challenges and Opportunities for Future Pharmacists.
- Secured 1<sup>st</sup> position in the 3<sup>rd</sup> National Seminar ‘PHARMASPEAK’ on Generic vs. Branded drugs- A 360° Overview on costs, benefits & efficacy’.

#### **Workshops/Conferences Attended:**

- Participated as a Delegate in the Workshop entitled “**Biopharmaceuticals Development and Characterization**” organized by Department of Biosciences and Bioengineering, IIT Bombay (Institution of Eminence), Mumbai.
- Participated as a Delegate in the DST-STUTI Workshop entitled “**Formulation and Characterization Techniques in Drug Delivery**” organized by Department of Pharmacy, Central University of Rajasthan, Ajmer, Rajasthan.
- Participated as a Delegate in various other prestigious colleges and universities like AIIMS (Rishikesh), Jamia Hamdard (New Delhi), etc.

#### **Working Experience:**

- ✓ Fresher

#### **Computer Proficiency:**

- ✓ Working experience of MS office (Word, Excel & PowerPoint).
- ✓ Working experience of Design Expert version 13.0 software (Central Composite Design).

#### **Technical Skills:**

- ✓ Handling of UV-Visible spectrophotometer, NMR, FT-IR spectrophotometer, RP-HPLC, Rota-evaporator, Lyophilizer, Centrifugator, Probe sonicator, Melting point apparatus, Micro plate reader, etc.
- ✓ Nanoformulation of Pharmaceutical compounds.
- ✓ Optimization of Nanoformulations.
- ✓ Cell culture techniques such as MTT assay, cellular uptake studies, etc.
- ✓ Animal handling- *Sprague-Dawley* rats.

## **Publications:**

### **Article**

- ✓ **Batheja, S.**; Sahoo, R. K.; Rani, S.; Gupta, S.; Tejavath, K. K., Sinha, S.; Ajazuddin; Yadav, A. K.; Goyal, A. K.; Gupta, U. Central Composite Design based Optimization of Carbohydrate Coated Albumin Nanoparticles for HCC: Synthesis, Extensive Characterization and *In vivo* Pharmacokinetic Evaluation. *Biochemical Pharmacology*. [**Impact Factor-5.3**] (under communication).
- ✓ Vaiphei, K. K.; Prabakaran, A.; Sahoo, R. K.; **Batheja, S.**; Gupta, U.; Puri, A.; Roy, U.; Alexander, A. Impact of PEGylated liposomes on cytotoxicity of tamoxifen and piperine on MCF-7 human breast carcinoma cells. *Journal of Drug Delivery Science and Technology*. [**Impact Factor-4.5**] (under communication).
- ✓ Jha, S.; Prabakaran, A.; Sahoo, R. K.; **Batheja, S.**; Gupta, U.; Alexander, A. Antiproliferative activity of syringic acid-loaded nanostructured lipid carriers against MCF-7 human breast carcinoma cells. *Journal of Drug Delivery Science and Technology*, **2024**, 98, 105902 [**Impact Factor-4.5**].
- ✓ **Batheja, S.**; Gupta, S.; Tejavath, K. K., Gupta, U. TPP-based Conjugates: Potential Targeting Ligands. *Drug Discovery Today*, **2024**, 29(6), 103983 [**Impact Factor-6.5**].
- ✓ **Batheja, S.**; Sahoo, R. K.; Tarannum, S.; Vaiphei, K. K.; Jha, S.; Alexander, A.; Goyal, A. K.; Gupta, U. Hepatocellular Carcinoma: Preclinical and Clinical Applications of Nanotechnology with the Potential Role of Carbohydrate Receptors. *Biochimica et Biophysica Acta (BBA)-General Subjects*. **2023**, 1867(10), 130443. [**Impact Factor-2.8**]
- ✓ Sahoo, R. K.; Gupta, T.; **Batheja, S.**; Goyal, A. K.; Gupta, U. Surface Engineered Dendrimers: A Potential Nanocarrier for the Effective Management of Glioblastoma Multiforme. *Current Drug Metabolism*, **2022**, 23(9), 708-722. [**Impact Factor-2.3**]

### **Book Chapter**

- ✓ SK Khatik, A., Kurdhane, S., **Batheja, S.**; Gupta, U. Dendrimers: Promises Challenges in Drug Delivery. *In* Molecular Pharmaceutics and Nano Drug Delivery. Academic Press, Elsevier, Netherlands. 2023, pp- 237-267. ISBN- 978-0-323-91924-1.
- ✓ **Batheja, S.**; Remya, Kumar, V.; Sahoo, R. K.; Gupta, U. Drug Delivery to Central Nervous System. *In* Controlled and Novel Drug Delivery. 2<sup>nd</sup> Edition, *Edited by* N.K. Jain. CBS Publishers & Distributors, Delhi. Aug, 2023, pp- 265-295. ISBN (print)-978-93-5466-695-7.
- ✓ Ramteke, U.; Kumar, V.; **Batheja, S.**; Phulmogare, G.; Gupta, U. Functionalized Mesoporous Silica Based Nanoparticles for Theranostic Applications. *In* Multifunctional and Targeted Theranostic Nanomedicines. Edited by Keerti Jain and N.K. Jain. Springer Nature, Switzerland. Aug, 2023, pp-383-417. ISBN (print) - 978-981-99-0537-9.

- ✓ Sahoo, R. K.; Kumar, V.; **Batheja, S.**; Gupta, U. Dendrimers in the Effective Management of Alzheimer's and Dementia. *In Nanomedicine-Based Approaches for the Treatment of Dementia*. Academic Press, Elsevier, Netherlands. Nov, 2022, pp-71-88. ISBN-978-0-12-824331-2.
- ✓ Kumar, V.; Singh, H.; Tarannum, S.; **Batheja, S.**; Gupta, U.; Goyal, A.K. Nanostructure based Pulmonary Drug Delivery System for Respiratory Infection. *In Nanomedicine, Nanotheranostics and Nanobiotechnology: Fundamentals and Applications*. CRC Press, Taylor & Francis Group, USA. Nov, 2020 (under communication).

### **Key Skills and Attributes:**

- ✓ Good Communication and Interpersonal skills
- ✓ Performance Oriented
- ✓ Hard working, Enthusiastic, Honest and Punctual

### **Personal Details:**

<b>Date of Birth</b>	:	1 <sup>st</sup> October, 1996
<b>Father's Name</b>	:	Mr. Ravi Kumar
<b>Marital Status</b>	:	Unmarried
<b>Nationality</b>	:	Indian
<b>Gender</b>	:	Female
<b>Religion</b>	:	Hindu
<b>Language Known</b>	:	Hindi, English

### **Declaration:-**

I hereby declare that all the above information furnished by me is true to the best of my knowledge.

### **References:-**

1) **Dr. Umesh Gupta**  
Associate Professor  
Department of Pharmacy  
School of Chemical Sciences and Pharmacy  
Central University of Rajasthan  
Bandar Sindri, Ajmer, Rajasthan-305817  
**Contact-** 8003274082  
**Email ID-** umeshgupta@curaj.ac.in

2) **Prof. Amit K. Goyal**  
Professor  
Department of Pharmacy  
School of Chemical Sciences and Pharmacy  
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Signature  
(Sanya Batheja)