


## CURRICULAM VITAE

**Simranjit Kaur,**  
**Gill park ,Ludhiana**  
**Email:simrankhokher22@gmail.com**  
**Mobile No: +919888519008** 

### Career Objective

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresher to grow while fulfilling organizational goal.

### M.Pharm Thesis Title

- Targeting mitochondrial dysfunction and oxidative stress with coenzyme Q10 in chemotherapy induced cognitive impairment in mice.

### Professional Qualification

#### Masters in Pharmacy (2020-22)

Institute	-	Indo Soviet Friendship (ISF) College of Pharmacy, Moga, Punjab
University	-	I.k. Gujaral Punjab Technical University, Jalandhar, Punjab
Division	-	First (8.5 SGPA)

#### Bachelor in Pharmacy (2016-20)

Institute	-	University institute of Pharma Sciences
University	-	Chandigarh University, Mohali
Division	-	First (8.3 CGPA)

### Academic Qualification

Year	Qualification	University/Board	Percentage
2016	Intermediate	C.B.S.E	83%
2014	High School	P.B.S.E	86%

### Technical Skills

- ✓ For data representation and analysis: graph pad prism, Microsoft excel, Any-maze, Biorender.
- ✓ Western blotting, ELISA, Spray Dryer.
- ✓ Simulate animal models of Neurological diseases like Chemobrain, Epilepsy, Parkinson's diseases .
- ✓ Easy animal handling (**rat, mice, guinea pig, rabbit, zebrafish**).
- ✓ Isolation of specific organs, blood vessels and tissues.
- ✓ Micro-dissection and isolation of various glands and regions of rat brain like cortex, striatum, hippocampus etc.
- ✓ Organ preservation and histopathology procedure. Immunohistochemistry technique.
- ✓ Drug administration: oral, intraperitoneal, intravenous in both rodents and zebrafish.
- ✓ Behavioral models: like Morris water maze, Elevated plus maze, actophotometer, rotarod apparatus, Beam crossing task, Forced swim test, hot plate, tail flick, grip strength meter, open field, cold allodynia, Novel object recognition, pole test
- ✓ Neurochemical estimations of various stress parameters (SOD, GPx, Catalase, GSH, AChE LPO and nitrite/nitrate), mitochondrial markers, inflammatory markers (IL-1 $\beta$  and TNF- $\alpha$ ) and Total protein estimation.

### Publications

- ✓ Bainsal N, Kaur S, Mallan S. Pharmacognostical, Physicochemical and Phytochemical studies of different varieties of Beet root grown in Punjab. Research Journal of Pharmacy and Technology. 2021 Mar 1;14(3):1689- 92. **(I.F-1.203)**
- ✓ Kumar V, Kaur S, Kapil L, Singh C, Singh A. HDAC11: A novel inflammatory biomarker in Huntington's disease. EXCLI Journal. 2022 Mar 24;21:647-50.**(I.F-4.01)**

### Patents

- ✓ Two design patents for behavioral activity of zebrafish are in process with application number **362301-001, 362351-001**

### Internship training project

<b>Company</b>	<b>: ONIOSOME Pvt ltd.</b>
<b>Title</b>	: Industrial Training
<b>Duration</b>	: Four weeks (May 2018- June 2018)
<b>Summary</b>	: Learnt the concepts of manufacturing of drugs such as tablets, Gels, emulsions & also got experience in Quality Control department and working of UV-spectrophotometer, HPLC.
<b>Company</b>	<b>: Edifice Pvt ltd.</b>
<b>Title</b>	: Industrial Training
<b>Duration</b>	: Four weeks (May 2019- June 2019)

### Competences

- Fast learner. Adapt well to changes and pressure in work place.
- Work well with diverse group of people.
- Friendly with and upbeat attitude.
- Committed to excellence and hard working.

### Conférences/workshop/présentations

- Attended IBRO Horizons Webinar: Neuroscience and COVID-19
- IBRO-APRC Associate School "Neuromics: The Yin-Yang Aspect in Translational Neuroscience ", 2021, Malaysia- poster presentation

- Attended ISFCON-2021 Online International Conference on Recent Advances in Pharmaceutical Sciences vision:2030 and presented oral presentation
- VIRTUAL 5th IBRO/APRC Chandigarh Associate Neuroscience School from 23 to 27 august 2021
- Virtual International Conference on Novel and Alternative Therapeutics for Neurodegenerative diseases mediated through unfolded protein response from 20 to 23 September 2021
- IBRO APRC Associate School on "Modern interventional tools to improve Cognitive behaviour in children with neuro-developmental disorders" NEHU, Shillong from 25 to 30 October 2021 poster presentation
- Attended One day Conference on Drug Discovery and Development organized by Abhilashi University,Mandi.
- Participated in 69<sup>th</sup> Indian Pharmaceutical Congress held at Chitkara University,Rajpura.
- Actively participated in Tech Invent held in Chandigarh university.
- Worked as a volunteer in the organisation of various departmental events.

#### Personal Profile

Father's Name	-	Mr. Sukhbir Khokher
Date of Birth	-	13-06-1998
Language Known	-	Hindi, English, Punjabi
Marital status	-	Unmarried
Hobbies	-	Reading, Traveling, Listening music , Painting

#### Declaration

I vouch the authenticity of the above-mentioned information

Simranjit Kaur

#### Reference

Dr.Arti Singh  
Associate professor,Pharmacology  
Department of Pharamacology  
ISF college of Pharmacy,Moga  
[artiniper@gmail.com](mailto:artiniper@gmail.com)

Dr. Pradeep Goyal  
Associate professor,Pharmacology  
Department of Pharamacology  
Sarswati group of colleges,Mohali  
[pradeep\\_goyal30@yahoo.com](mailto:pradeep_goyal30@yahoo.com)