

## Bio data

**SALONI KAKKAR**

M.Pharm (Pharmaceutical Chemistry)

Contact No: 09728255304

[salonikakkar2007@gmail.com](mailto:salonikakkar2007@gmail.com)



### Permanent Address

Flat No 12, Second floor  
Type III Flats, behind rose  
garden, MDU Campus,  
Rohtak, 124001, Haryana.

### Personal Data

Gender: Female

Nationality: Indian

Marital Status: Married

### Experience

- Currently working as Assistant professor (Senior scale) in **Department of Pharmaceutical sciences, MDU, Rohtak, Haryana** since March 2010.
- Worked as Lecturer in **GVM College of Pharmacy, Sonapat, Haryana** from July 2009 to March 2010.
- Worked as Research Trainee from June 2008 to Dec 2008 in **Cipla, Vikhroli, Mumbai** as a part of M.Pharm research project.

### Dissertation Work

- **“Development of RP-HPLC Method for Chromatographic Purity of Anti-Retroviral Drug Lamivudine.”** At Cipla Research Centre, Mumbai under the guidance of Dr. Manish Gangrade, Head, ADL-III
- **“Controlled release formulation of Lansoprazole- Coating of microspheres- A New Approach”** At SPTM, Mumbai under the guidance of Dr. R.S. Gaud, Dean, SPTM, NMIMS

### Education

#### Professional Qualifications:

- M.Pharm, Pharmaceutical Chemistry (From School of Pharmacy and Technology Management, SVKM's NMIMS University, Mumbai)

#### Educational Qualifications:

| Sr. No | Degree     | Board / University           | Year of passing | %/cGPA |
|--------|------------|------------------------------|-----------------|--------|
| 1      | PhD        | Maharshi Dayanand University | Pursuing        | --     |
| 2      | Pre PhD    | Maharshi Dayanand University | 2012            | 77.2   |
| 3      | M.Pharmacy | NMIMS University             | 2009            | 3.65/4 |
| 4      | PGDPRA     | Jamia Hamdard University     | 2008            | 74.8   |
| 5      | B.Pharmacy | Maharshi Dayanand University | 2007            | 78.1   |
| 6      | H.S.C      | CBSE                         | 2003            | 80.6   |
| 7      | S.S.C      | CBSE                         | 2001            | 83.4   |

### Achievements

- Gold medalist in B.Pharmacy in Maharshi Dayanand University, Rohtak with 78.1%.
- Merit award by IPGA for standing first in B.Pharmacy 2<sup>nd</sup> year
- First in M.Pharmacy, SPTM (Pharmaceutical Chemistry), NMIMS University, Mumbai campus.
- First in PGDPRA in Jamia Hamdard, New Delhi

## Conferences & Seminars

1. Participated as a Delegate in two days International Seminar cum workshop on “**Computational Drug Discovery in Pharma R & D**” on 6th and 7th August 2007 held at NMIMS Mumbai.
2. Abstract on “**Controlled release formulation of Lansoprazole-Coating of Microspheres- A New Approach**” published by AAPS, Los Angeles 2009.
3. Participated in poster presentation on “**Herbs: now in the arena of alopecia**” in **14th national convention of society of Pharmacognosy** held at Hindu college Sonapat on 20<sup>th</sup> and 21<sup>st</sup> Feb 2010.
4. Participated in Poster presentation on “**Herbs as an Anti-Obesity Drugs**” in **14th national convention of society of Pharmacognosy** held at Hindu college Sonapat on 20<sup>th</sup> and 21<sup>st</sup> Feb 2010.
5. Participated as a Delegate in two days national workshop on “**Age of IT- Evolution of life sciences**” on 12th and 13th March 2010 held at GVM College, Sonapat.
6. Participated as a Delegate in CME on “**Pharmacovigilance – A primer**” held on 20<sup>th</sup> March 2010 held at PGIMS, Rohtak.
7. Presented a poster on “**Biphenyl-4-carboxylic acid-2-(aryl)-4-oxo thiazolidin-3-yl-amides as novel anti-inflammatory agents**” held at MM college of Pharmacy, Maulana on 7<sup>th</sup> and 8<sup>th</sup> August 2010.
8. Participated as a delegate in two days National seminar on “**Recent trends in Herbal drug research**” on 20<sup>th</sup> -21<sup>st</sup> October 2011 held at M.M College of Pharmacy, Maulana.
9. Participated as a delegate in 1<sup>st</sup> national seminar on “**Microbes and resource Management**” organized by Association of Microbiologists of India held at Maharshi Dayanand University, Rohtak, on 22<sup>nd</sup> October 2011.
10. Participated as a delegate in one day seminar on “**Molecular techniques-The face of Modern sciences**” organized by Department of Biochemistry, Maharshi Dayanand University, Rohtak, on 24<sup>th</sup> October 2011.
11. Participated as a delegate in NAAC sponsored one day “**State level sensitizing workshop on Process of Accreditation**” held at Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur, Sonapat, on 18<sup>th</sup> November 2011.
12. Participated in poster presentation in two days seminar on “**Iontophoretic Delivery of Ciclopirox Olamine**” at Rayat and Bahara College of Pharmacy Hoshiarpur, Punjab, on 10<sup>th</sup>-11<sup>th</sup> Feb. 2012.
13. Participated in poster presentation in Indian Pharma Convention organized by Udyog development foundation on “**Development and evaluation of mucoadhesive buccal patches of Salbutamol sulphate**” held at DIPSAR on 12<sup>th</sup> Feb. 2012.
14. Participated in poster presentation on “**Synthesis of 4-(4-bromophenyl)-6-(substituted phenyl)-pyrimidin-2-amine derivatives**” held at GVM college of Pharmacy on 16<sup>th</sup>-17<sup>th</sup> March 2012
15. Presented a paper on “**Herbal Remedies for ENT infections**” in 36<sup>th</sup> North-West Zone and 18<sup>th</sup> AOI (Hr-chapter) held at Karnal on 27<sup>th</sup> and 28<sup>th</sup> October 2012 organized by AOI, Haryana State Branch.
16. Participated as a delegate in International Research Colloquium on “**Advances in Microbial Biotechnology: Future Prospects**” organized by Department of Microbiology and Association of Microbiologists of India-Rohtak Unit on 20<sup>th</sup> November 2012 held at Maharshi Dayanand University, Rohtak.

17. Presented a poster on **“Formulation and development of combination of Metformin hydrochloride and Gliclazide sustain release tablets”** in IPGA National Convention-2012, Kurukshetra University, Kurukshetra on 17<sup>th</sup>-18<sup>th</sup> November 2012.
18. Presented a poster on **“Potential anti-obesity agents”** in National conference on “Future focus on achieving excellence in Pharmacy Education and Research” held at Ganpati’s Group of Institutions on 16<sup>th</sup> Feb 2013.
19. Participated in poster presentation on **“Challenges and Therapeutic Aspects of Curcumin”** in National conference on “Future focus on achieving excellence in Pharmacy Education and Research” held at Ganpati’s Group of Institutions on 16<sup>th</sup> Feb 2013.
20. Participated as a member of organizing committee in two days workshop on **“Personality Development, Communication Skills and Resume Writing”** held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on 22<sup>nd</sup> and 23<sup>rd</sup> March 2013.
21. Participated as a member of organizing committee in one day workshop on **“Instrumental Methods in Pharmaceutical Research”** held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on 28<sup>th</sup> November 2013.
22. Participated as a member of organizing committee in two days convention on **“Promotion and Globalization of Indian Herbal Products- Perspectives and Prospects”** held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on 21<sup>st</sup> and 22<sup>nd</sup> February 2014.
23. Participated as a member of organizing committee in UGC sponsored national seminar on **“Recent trends and innovations in pharmaceutical research”** held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on March 8<sup>th</sup> 2014.
24. Participated as a co-author in poster presentation on **“Search for New Amylase Inhibitors-Using Docking Tools”** in two days National conference on **“Impact of molecular biology on drug discovery and development: Promises and challenges”** held at Department of Pharmacy, School of Chemical Sciences and Pharmacy , Central University of Rajasthan, Ajmer on 17<sup>th</sup> and 18<sup>th</sup> February 2015.
25. Participated as a co-author in poster presentation on **“Computational screening & design of new ferulic acid derivatives as anti-diabetic agent”** in National conference cum workshop on **“Molecular Modeling and Drug Design”** sponsored by Dept. of Biotechnology, Govt. of India, New Delhi; R.K. Foundation, M.D. university, Rohtak, on 20<sup>th</sup>-21<sup>st</sup> March, 2015.
26. Participated as a co-author in poster presentation on **“Computational screening and design of new ferulic acid derivatives as anticancer agent”** at a conference on **“Therapeutic potential of Natural Product: Current innovation & Future Trends”** sponsored by Dept. of Genetics, M.D. university, Rohtak, on 19<sup>th</sup> March, 2015.
27. Participated as a co-author in poster presentation on **“Docking Studies on *p*-Coumaric acid derivatives as anticancer agents ”** in National conference cum workshop on **“Molecular Modeling and Drug Design”** sponsored by Dept. of Biotechnology, Govt. of India, New Delhi; R.K. Foundation, M.D. university, Rohtak, on 20<sup>th</sup>-21<sup>st</sup> March, 2015.
28. Participated as a co-author in poster presentation on **“Potential of natural plants in various Pharmacological activities”** at a conference on **“Therapeutic potential of Natural Product: Current innovation & Future Trends”** sponsored by Dept. of Genetics, M.D. university, Rohtak, on 19<sup>th</sup> March, 2015.

29. Participated as LOC member in **National conference of “Association of Pharmaceutical teachers of India” Haryana state branch** organized by Department of pharmaceutical sciences, M.D. University, Rohtak.
30. Participated as invited speaker in National conference on **“Recent Advances in Biological and Pharmaceutical Sciences”** organized by IPGA, Uttarakhand State Branch on 5<sup>th</sup> December 2015
31. Participated as Member scientific committee in National conference on **“Drug safety and Pharmacovigilance”** organized by Guru Gobind College of Pharmacy on December 6<sup>th</sup> 2015.
32. Participated as delegate in workshop on **“Gender sensitization and women safety at work place”** at M.D. University, Rohtak on 10<sup>th</sup> February 2016.
33. Participated as delegate in one day national research colloquium on **“Microbes in food, energy and environment: its importance and future prospect”** at M.D. University, Rohtak on 2<sup>nd</sup> April 2016.
34. Participated as co-chair person on World Intellectual Property day on **“Digital creativity: Culture Reimagined”** organized by Guru Gobind College of Pharmacy on April 26<sup>th</sup> 2016.
35. Participated as delegate in workshop on **“E-governance in India: Issues and Challenges”** organized by department of Public Administration, M D University, Rohtak on October 5<sup>th</sup> 2016.
36. Participated as a member of organizing committee in DSW sponsored one day workshop on **“Method development techniques in HPTLC and HPLC”** held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on November 16<sup>th</sup> 2016.
37. Participated as member of organizing committee in **21<sup>st</sup> National Youth festival** from 12<sup>th</sup> to 16<sup>th</sup> January 2017.
38. Participated as co-chairman in National seminar on **“Pradhan Mantri Bhartiya Janaushadhi Pariyojna: Role of Pharmacist”** organized by DOPS, Baba Mastnath University and IPGA Haryana state branch on March 1<sup>st</sup> 2017
39. Participated as co-chairperson in Swarna Jayanti one day National seminar on **“Awareness on Intellectual property rights”** organized by DOPS, PGIMS Rohtak on March 17<sup>th</sup> 2017
40. Participated as a member of organizing committee in UGC sponsored one day National conference on **“IPR and regulatory Issues in Pharmaceutical Sciences”** held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on March 30<sup>th</sup> 2017.
41. Participated as delegate in one day training program on **“ Human rights”** organized by Department of Law, M D University Rohtak on 31<sup>st</sup> march 2017
42. Participated in poster presentation in national conference on **“ Recent Advancements in Pharmaceutical Sciences and Clinical Research”** held at Galgotia University, Greater Noida on April 15<sup>th</sup> 2017
43. Participated in poster presentation in national conference on **“ Emerging trends in pharmaceutical and life science”** organized by IPGA, Uttarakhand State Branch on June 4<sup>th</sup> 2017
44. Participated in the deliberations of **CME cum workshop on Pharmacovigilance** organized by PGIMS Rohtak on 22<sup>nd</sup> august 2017.
45. Participated in oral presentation in, 1<sup>st</sup> national conference on **“Role of technology in transforming healthcare”** organized by GD Goenka University, Gurugram on March 18<sup>th</sup> 2018 (AJBPR, Special Issue (2018), 04)

46. Participated in poster presentation in 2nd National Conference on “**Clinical Research**” organized by Guru Gobind Singh College of Pharmacy on February 24<sup>th</sup> 2018.
47. Participated as inter university staff coordinator in IPR workshop at COP, PGIMS in 6<sup>th</sup> Annual rohtak medical students conference on October 5<sup>th</sup> to 7<sup>th</sup> 2018.
48. Participated as a member of organizing committee in DSW sponsored two day National conference cum workshop on “**Recent Trends of CADD in Drug Design and Discovery**” held at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak on November 2<sup>nd</sup>-3<sup>rd</sup>, 2018.

#### **Refresher /Orientation courses**

1. Participated in **1<sup>st</sup> Refresher Course in Pharmaceutical Sciences** from 17.05.2012 to 07.06.2012 organized by UGC-Academic Staff College, Khanpur University, and obtained Grade A.
2. Participated in **21<sup>st</sup> Orientation programme** from 17.11.2014 to 13.12.2014 organized by UGC-Academic Staff College, Khanpur University, and obtained Grade A.

#### **Publications**

1. **Saloni Kakkar**, Krishnapriya Mohanraj , Aakash Deep and Prabodh C. Sharma “**Simple and Rapid RP-HPLC Method to Determine the Purity of the Anti-retroviral Drug Lamivudine**” *Latin American journal of Pharmacy*,29 (7): 1075-81 (2010)
2. **Saloni Kakkar**, Jaimin Patel, Aakash Deep, Priyanka Phogat “**International Documentation-The essence for the success of pharmaceutical industry**” *The Pharma Reviews* (2010)
3. Ruchi Goyal, Priyanka Phogat, Aakash Deep, Prabodh Chander Sharma, Chander Parkash Dora, **Saloni Kakkar**, Sandeep Gosain “**Swine flu: Introduction and its possible remedies**” *Pharmacologyonline* 2: 231-242 (2010).
4. Priyanka Phogat, Aakash Deep, Prabodh Chander Sharma, Sanjeev K. Mittal, **Saloni Kakkar**, Ruchi Goyal, Kapil Thakral “**Introduction to Hyperlipidemia and Its Management: A Review**” *Pharmacologyonline* 2: 251-266 (2010).
5. **Saloni Kakkar**, R.S Gaud, Pravin Shende, Jaimin Patel, Aakash Deep, Ravi D Acharya “**Formulation and characterization of alginate beads for controlled release of Lansoprazole**” *Pharmacologyonline* 2: 871-878 (2011)
6. Acharya Ravi D., Addeppali Veeranjaneyulu, Lokesh Bhatt, **Kakkar Saloni** “**Effect of Ethyl Acetate extract of Black Tea on Cardiovascular Complications associated with Streptozotocin Diabetic Rats**” *IRJP* 140-143 (2011)
7. Aakash Deep, Pryanka Phogat, Mahesh Kumar,**Saloni Kakkar**, Sanjeev K mittal and Manav Malohtra “**New tetradecanoic acid hydrazones in the search for antifungal agents: Synthesis and in-vitro evaluations**” *Acta Poloniae Pharmaceutica Drug Research* 129-133(2012).
8. Sapra Ashu, **Kakkar Saloni**, Narasimhan B “**Sources of Impurities: A Review**” *IRJP* 57-59 (2012)
9. Kavita Sapra, Ashu Sapra, S.K.Singh and **Saloni Kakkar**, “**Self Emulsifying Drug Delivery System: A tool in solubility enhancement of poorly soluble drugs**” *Indo Global Journal of Pharmaceutical Sciences* 2 (3) 313-332(2012).

10. Rakesh Patel, Jaimin Patel and **Saloni Kakkar**, “**Formulation & Development of Anti-Obesity Liquid Formulation Containing Garcinia Cambogia Extract, L-Carnitine & Chromium Picolinate**” *Indo Global Journal of Pharmaceutical Sciences* 3 (1) 40-51(2013).
11. Sapra Ashu, Kumar Pardeep, **Kakkar Saloni**, Narasimhan Balasubramanian, “**Synthesis, antimicrobial evaluation and QSAR studies of *p*-hydroxy benzoic acid derivatives**” *Drug Research* 64(01) 17-22 (2014).
12. Shashi Sharma, Kalyan Mondal, Anurag Khatkar, **Saloni Kakkar** “**Synthesis, alpha amylase inhibition, antimicrobial, antioxidant and molecular docking studies of *p*-coumaric acid derivatives**” *Indo Global Journal of Pharmaceutical Sciences* 7(2), 126-133 (2017)
13. Kalyan Mondal, Shashi Sharma, **Saloni Kakkar**, Anurag Khatkar “**Synthesis, urease inhibition, antimicrobial and antioxidant studies of 3, 4, 5-trihydroxy benzoic acid derivatives**” *Indo Global Journal of Pharmaceutical Sciences* 8(1), 12-20 (2018)
14. Parvinder, Neelam Malik, Priyanka Dhiman, Sumit Tahlan, **Saloni Kakkar** and Anurag Khatkar, “**Synthesis and urease inhibition activity of 3, 4, 5-trihydroxy benzoic acid derivatives**” *Asian Journal of Biochemical and Pharmaceutical Research*, Special Issue (2018),52–58
15. **Saloni Kakkar**, Sumit Tahlan, Siong Meng Lim, Kalavathy Ramasamy, Vasudevan Mani, Syed Adnan Ali Shah and Narasimhan B, 2018,12:92. **Benzoxazole derivatives: design, synthesis and biological evaluation**, *Chemistry Central Journal* (Journal impact factor = 2.284).
16. **Saloni Kakkar**, Sanjiv Kumar, Siong Meng Lim, Kalavathy Ramasamy, Vasudevan Mani, Syed Adnan Ali Shah and Narasimhan B, 2018,12:96. **Design, synthesis and biological potential of heterocyclic benzoxazole scaffolds as promising antimicrobial and anticancer agents** *Chemistry Central Journal* (Journal impact factor = 2.284).
17. **Saloni Kakkar**, Sanjiv Kumar, Siong Meng Lim, Kalavathy Ramasamy, Vasudevan Mani, Syed Adnan Ali Shah and Balasubramanian Narasimhan, **Design, synthesis and biological evaluation of 3-(2-aminooxazol-5-yl)-2H-chromen-2-one derivatives**. *Chemistry Central Journal* (In Press) (Journal impact factor = 2.284).

#### **Chapters in books**

1. Ashu Sapra, **Saloni Kakkar**, Pradeep Kumar, Balasubramanian Narasimhan, **An overview of anticancer potential of pyrimidine derivatives**, Biological profile of 5/6-membered heterocycles in the new millennium, Lambert Academic Publishing. 2013.
2. Priyanka Dhiman, Neelam Malik, Sumit Sigroha, **Saloni Kakkar**, Anurag Khatkar, **Benzimidazole derivatives as potential antimicrobial agents**, Lambert Academic Publishing, 2015

#### **Professional experiences**

1. Member, Faculty of Pharmaceutical Sciences, M. D. University, Rohtak
2. Member , Admission committee for B. Pharmacy and M. Pharmacy admissions
3. Member of Hostel Allotment Committee at Department of Pharmaceutical Sciences Maharshi Dayanand University, Rohtak.

4. Sessional in-charge (Examination) for B. Pharm. /M. Pharm. Examinations at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak.
5. Member, Anti ragging squad at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak.
6. Organizing Committee Member in National Youth Fest 12-16 Jan 2017 at M. D. University, Rohtak
7. Member, In convocation held in, 2017,
8. Member of Women counselling cell, Department of Pharmaceutical Sciences, M. D. University, Rohtak.
9. Member of Grievance committee, Department of Pharmaceutical Sciences, M. D. University, Rohtak.

---

***Memberships***

---

1. Life member of Indian Pharmacy Graduate Association
2. Registered Pharmacist with Haryana State Pharmacy Council

**SALONI KAKKAR**