

Dr. AISHWARYA RAMCHANDRA BALAP

Ph.D., M. Pharm.

Pharmaceutical Chemistry



Personal Information:

Name : Ms. AISHWARYA RAMCHANDRA BALAP
Date of Birth : 26TH JULY, 1982
Highest Qualifications: M. Pharm. Ph.D.
Contact no. : 9421061023
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Present Status : Assistant Professor, Department of Pharmaceutical Chemistry

Education Details:

No.	Qualification	Board / University	Year of Passing	Class
1	B. Pharm.	Shivaji University, Kolhapur.	2003	First Class
2	M. Pharm. (Pharmaceutical Chemistry)	Pune University, Pune.	2005	First Class
3	Ph.D. (Pharmaceutical Chemistry)	Bharati Vidyapeeth, Pune.	2017	----

Work Experience:

14 years teaching experience as Assistant Professor in Department of Pharmaceutical Chemistry, PES's Modern College of Pharmacy, Nigdi, Pune-44.

Research Areas:

Pharmaceutical Analysis, Herbal drug standardization, Herb-drug interactions, Pharmacokinetics

Subjects taught:

B. Pharm. - Pharmaceutical Analysis-I, Pharmaceutical Analysis-II, Pharmaceutical Analysis-III, Pharmaceutical Analysis-V, Pharmaceutical Analysis-VI, Pharmaceutical Organic Chemistry-I, Biochemistry.

M. Pharm. - Advanced Analytical Techniques, Quality Planning and Analysis, Quality Control and Assurance of Pharmaceuticals, Drug Design, Advanced Organic Chemistry-I.

Membership of professional bodies:

- Pharmacy Council of India registration no. 109820
- Association of Pharmaceutical Teachers of India (APTI)
- Society of Ethnopharmacology, India (SFE, India)

Research grants received:

Research grant of 2 lakhs has been received from Savitribai Phule Pune University, Pune in 2009 for the project titled “Development and validation of HPLC method for simultaneous estimation of Valsartan and Ramipril in bulk and dosage form”.

Research Guidance:

M. Pharm.: 08 Awarded

03 Ongoing

Training/Refresher courses attended:

04 Quality Improvement Programmes

Sr. No.	Title of QIP program	Duration	Attended at
1.	Advances in chromatographic techniques	18 th February to 1 st March 2008	BVDU's Poona College of Pharmacy, Kothrud, Pune.
2.	Discovery and development of new chemical entities	16 th February to 28 th February 2009	BVDU's Poona College of Pharmacy, Kothrud, Pune.
3.	Enhancement of teaching and learning skills in pharmaceutical chemistry through problem solving approach	9 th December to 21 st December 2013	BVDU's Poona College of Pharmacy, Kothrud, Pune.
4.	Modern concepts in Pharmaceutical Organic Chemistry for better teaching and skill up gradation	14 th December to 26 th December 2015	BVDU's Poona College of Pharmacy, Kothrud, Pune.

Publications: 12

National: 02

International: 10

INTERNATIONAL PUBLICATIONS:

1. Aishwarya Balap, Sathiyarayanan Lohidasan, Arulmozhi Sinnathambi, Kakasaheb Mahadik, 2017. Herb-drug interaction of *Andrographis paniculata* (Nees) extract and andrographolide on pharmacokinetic and pharmacodynamic of naproxen in rats. *Journal of Ethnopharmacology*. 195 214–221.
2. Aishwarya Balap, Sathiyarayanan Lohidasan, Arulmozhi Sinnathambi, Kakasaheb Mahadik, 2017. Pharmacokinetic and Pharmacodynamic Interaction of Andrographolide and Standardized Extract of *Andrographis paniculata* (Nees) with Nabumetone in Wistar Rats. *Phytotherapy research*. DOI: 10.1002/ptr.5731
3. Aishwarya Balap, Bhagyashri Atre, Sathiyarayanan Lohidasan, Arulmozhi Sinnathambi, Kakasaheb Mahadik, 2016. Pharmacokinetic and pharmacodynamic herb–drug interaction of *Andrographis paniculata* (Nees) extract and andrographolide with Etoricoxib after oral administration in rats. *Journal of Ethnopharmacology*. 183 9-17.
4. Ashwini J. Purkar, A. R. Balap*, L. Sathiyarayanan, K. R. Mahadik, 2014. Development and validation of HPTLC method for simultaneous determination of rosuvastatin calcium and aspirin in its pure and Pharmaceutical dosage form. *International Journal of Pharmacy and Pharmaceutical Sciences*. 6 704-706.
5. Saroj Gatkal*, Archana Punde, Aishwarya Balap and Pravin Chaudhari, 2012. Safety of Herbal Medicine: A Review. *International Journal of Pharmaceutical and Chemical Sciences*, 1.

6. Minal Harde*, Deepali Dharam, Shailaja Jadhav, Praveen Chaudhari, Aishwarya Balap, 2012. Development and Validation of HPTLC Method for the Simultaneous Estimation of Thiocolchicoside and Dexketoprofen in Bulk and Tablet Dosage Form. *Journal of Pharmacy Research*. 5 4143-4146.
7. Ashwini J. Purkar, A. R. Balap*, SB. Jadhav and PD. Chaudhari, 2012. Development and Validation of UV Spectrophotometric Method for Simultaneous Determination of Rosuvastatin Calcium and Aspirin in its Pure and Pharmaceutical Dosage Forms. *International Journal of Pharmaceutical and Chemical Sciences*. 1 659-663.
8. Balap Aishwarya R.*, Prasad Deepshika V., Purkar Ashwini J., Khidse Anuja S. 2012. Development and validation of RP-HPLC method for simultaneous determination of ramipril and valsartan in its pure and pharmaceutical dosage forms. *International Journal of Universal Pharmacy and Life Sciences*. 2 206-212.
9. Balap Aishwarya R.*, Khidse Anuja S., Purkar Ashwini J., Prasad Deepshika V. 2012. Spectrophotometric methods for simultaneous estimation of aceclofenac and tizanidine hydrochloride in combined dosage form. *International Journal of Universal Pharmacy and Life Sciences*. 2 213-220.
10. Balap Aishwarya R.*, Prasad Deepshikha V., Khidse Anuja S., Jadhav Shailaja B., Joshi S.V. and Chaudhari Praveen D. 2010. Development and Validation of Spectrophotometric Methods for Estimation of Granisetron Hydrochloride in Pure and its Pharmaceutical Dosage Forms. *Asian Journal of Research in Chemistry*. 3 928-931.

NATIONAL PUBLICATIONS:

11. Balap Aishwarya R., Prasad Deepshikha V., Khidse Anuja S., Jadhav Shailaja B., Ingle Pramod L., & Chaudhari Praveen D. 2011. Simultaneous spectrophotometric estimation of aceclofenac and tizanidine hydrochloride in combined tablet dosage form. *Research J. Pharm. And Tech*. 4 461-464.
12. Thomas A. B.*, Balap A. R., Nanda R. K., Dumbre N. G., Kothapalli L. P., & Deshpande A. D. 2008. Development of validated stability indicating RP-HPLC method for the estimation of Rosiglitazone. *Indian Journal of Pharmaceutical Education & Research*. 42 65-69.

Presentations: Oral- 06 (02 International, 04 National)

Poster- 03 National

Oral:

1. "Development and validation of RPHPLC method for simultaneous estimation of valsartan and ramipril in bulk and dosage form", "Innovation-2010", Amrutvahini College of Pharmacy, Sangamner on 28th & 29th October 2010.
2. "Development and validation of RPHPLC method for simultaneous estimation of valsartan and ramipril in bulk and dosage form", "Innovation-2012" at Alard College of Pharmacy, Hinjewadi, Pune on 18th and 19th March 2012.

3. "Herb-drug interaction of *Andrographis paniculata* (Nees) extract and andrographolide on the pharmacokinetic of etoricoxib in rats" at 1st International Conference on Advances in Asian Medicine, Pune on 4th January 2016.
4. "Inherent stability indicating HPLC method for bulk drug and its marketed formulation", "Innovation-2016" at Marathwada Mitra Mandals's College of Pharmacy, Thergaon, Pune-33 on 27th September 2016.
5. "Herb-drug interaction of *Andrographis paniculata* (Nees) extract and andrographolide on pharmacokinetic and pharmacodynamic of etoricoxib, nabumetone and naproxen in rats" at 4th International conference and exhibition on "Natural Products, Medicinal Plants & Marine Drugs", Rome, Italy on 11 June 2018.

Poster:

1. 57th Indian Pharmaceutical Congress, Theme- Pharmacist: Drug discovery & research on 2nd to 4th December 2005 at Hyderabad.
2. 58th Indian Pharmaceutical Congress, Theme- Pharma vision 2020: Roles, Responsibilities, Resources, on 1st to 3rd December 2006 at Mumbai.
3. "Innovation 2009-10" at Seth Govind Raghunath Sable College of Pharmacy, Saswad on 5th and 6th January 2010.