



**Accomplished Academic Professional with 20 years of Diversified Experience in Academics including the Administrative Planning , Examination And Team Management, Skilled and certified in Intellectual Property Right field (Qualified INDIAN PATENT AGENT 2016), and certified in Entrepreneurship**

**Dr.Ramanpreet Walia**  
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#### **RESEARCH AREAS**

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- ❖ Phytochemistry
- ❖ Synthetic Chemistry
- ❖ Analytical Chemistry
- ❖ Heterocyclic chemistry
- ❖ Regulatory Affairs
- ❖ Intellectual Property Rights
- ❖ Drug Design

#### **TECHNICAL EXPERTISE of IPR**

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- ❖ Literature search and report
- ❖ Patent Search and evaluation for different jurisdictions in different domains of Technology
- ❖ Freedom to operate Report,
- ❖ Patentability Report,
- ❖ Patent Application drafting and filing
- ❖ Patent Land scapping Research

#### **EDUCATIONAL ACCOLADES**

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**PhD research area - Heterocyclic Chemistry**

**M PHARM research area – Phytochemistry**

#### **PROFESSIONAL ENHANCEMENTS**

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- Member Asian council of Science Editors given on March 20 , 2021

- Registered Patent Agent by GOI (Regd No -2700)
- Trained in IPR by WOS-C conducted by TIFAC, under DST, GOI
- Certification by WIPO on “The result list in Patentscope” on 18th June 2020
- Entitled as IP Facilitator in the - List of facilitator for patent and designs on 14/03/2019
- Chaired a scientific session and delivered an Invited talk at IPR- Global Scenario for herbals at Cappadocia Turkey from 24th April 2019 to 27th April 2019.
- Awarded as Training of Trainers in IPR by CIPAM under TIFAC ( DST, GOI ) in Feb 2018
- Delivered an Oral Talk in an international conference at Dubai on 15-16th Dec 2017 on IPR-A Technical Know How in India.
- Trained and certified in Entrepreneurship skills development
- Poster Evaluator in IPC at Chitkara University Chandigarh on 22-24<sup>th</sup> December 2017.
- Asian Council of Science Editors appointed as Ambassador for the year 2016
- Co-chairperson of Volunteer committee of INDIA PHARMA CONVENTION held at DIPSAR, Delhi ,dated 12<sup>th</sup> Feb 2012
- Registered pharmacist under Punjab Pharmacy Council.
- Awarded with the “BEST TEACHER AWARD” in Nov 2005 at HIMT college of Pharmacy, Greater Noida, U.P.
- Awarded with the “BEST TEAM LEADER AWARD” in Nov 2011 at HIMT college of Pharmacy, Greater Noida, U.P
- Awarded with the “BEST CO-ORDINATOR AWARD” in Nov 2008 at HIMT college of Pharmacy, Greater Noida, U.P
- Got ‘O’ grade in University level seminar presented in M.Pharm.II semester topic “Strategies involved for utilization of medicinal plants for modern drug development”
- Qualified Joint Entrance Test conducted by SLIET, Punjab.

#### CONFERENCES AND WORKSHOPS

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DELIVERED Various lectures on IPR at National and International level, to name few

- Organized World IP day in AIP on 26<sup>th</sup> April 2021
- Delivered an oral talk on **Challenges and Patenting strategies in Biotechnology at National Workshop on IPR at Gurukul Kangri Vishwavidyalaya Haridwar on 26 March 2021**
- Delivered an oral talk on **IPR ROADMAP FROM BENCH TO COMMERCIALISATION Webinar on 18<sup>th</sup> July 2020 at Sharda University, Greater Noida**
- Delivered an oral talk on **Technical Intricacies of Patent Filing procedures on 30th May 2020 at Career Point University, Kota**
- Delivered an Invited talk on **Global scenario on opportunities and challenges in herbal medicine patenting at The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants & The 5th International Symposium on Pharmaceutical and Biomedical Sciences 2018 at Cappadocia, Turkey April 24-28, 2019.**
- Delivered an Oral Talk in an **international conference at Dubai on 15-16th Dec 2017 on IPR-A Technical Know How in India**
- Poster Presentation on Impact of preconditioning and copper Nanoparticles on GSK-3 $\beta$  inhibition and ischemia/ reperfusion induce myocardial infarction in rats. Held at KIET school of Pharmacy on 1<sup>st</sup> September 2017

- Participated in National Seminar on Challenges and opportunities in Nano pharmaceuticals held on 18<sup>th</sup> August 2017 at Ram-eesh Institute of Vocational and technical education.
- Participated in National IPR Conference 2016 held on 26<sup>th</sup> April 2016 at Le Meridian New Delhi
- Participated as a Delegate for TIFAC (autonomous body of DST, Delhi ) on 10<sup>th</sup> Feb 2017 at IIT delhi.
- Participated in session entitled Technology Trends and Future Research Directions for India on 10<sup>th</sup> August 2016 at Taj Mahal Hotel.
- Participated and Organized various community Pharmacy health programmes in rural areas.
- Presented poster in IPGA sponsored National seminar on Current Trends in Pharmaceutical education and Research at Jan nayak Ch. Devi Lal Memorial college of Pharmacy Sirsa-15055, Haryana held on 3<sup>rd</sup> December 2011.
- Delivered a Guest Lecture on Herbal Drugs – A Boon to Mankind .in National Seminar on Futuristic Approach in Pharma Education & Research held on 10<sup>th</sup> April 2010.
- Participated in National Symposium on Herbal medicine at S.B.S. (P.G.) Institute of biomedical Sciences Balawala, Dehradun on March 27-29, 1997.
- Participated and presented paper on Green Chemistry in National conference on Green Chemistry at SRM University, Modinagar, Ghaziabad , on March 16-17 September, 2010.
- Participated in Orientation programme in Teacher Training (NITTR) at Chandigarh organized by AICTE.
- Participated in a national conference C3W held at Suresh Gyan Vihar University Jaipur dated 10-12 October 2012 and published an abstract entitled Role of Green Chemistry in Pharmacy.

## PATENT DETAILS

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Patent Application No 201911014033 filed "A novel herbal composition for the treatment of obesity " on 8th April 2020

## BOOK CHAPTER

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Ramanpreet Walia a , Reecha Madaan b , Komal Chaudhary a , Bhawna Mehtaa , and Rajni Bala Book chapter entitled Molecular pathways of apoptotic cell death in Clinical Perspectives and Targeted Therapies in Apoptosis Drug Discovery, Drug Delivery, and Disease Prevention 2021, Pages 79-109, <https://doi.org/10.1016/B978-0-12-815762-6.00003-2>

## PUBLICATION DETAILS

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1. Kapoor, K, Madaan R \*, Kumar S, Bala, R and Walia RP , “Role of Natural Products in the Treatment of Obesity: Nanotechnological perspectives”, Current Drug Metabolism (2021) 22: 1. <https://doi.org/10.2174/1389200222666210324150738> , DOI, Print ISSN 1389-2002 Publisher Name Bentham Science Publisher, Online ISSN 1875-5453
2. Narang M , Walia, RP, Kaul M and Sudhir Krishnakutty , Developing clinical research culture in advancing medical research: An industry perspective, Curr Pediatr Res,; 25 (3): 401-409 (2021)
3. Walia, RP, Kataria, S and Roy S, ‘The Doomed Journey Of Covid-19 – Diagnosis, Pathological, Genomic And Treatment Profiling, International Journal of Pharmaceutical Research, Jan - Mar 2021, Vol 13 (1) , 5149-5157

4. Walia, RP, Kataria, S and Roy Shriyani , "Complementary and Nature Based Treatment for Menopausal women- a better approach" is under process for publication in Australian Journal of Herbal and Naturopathic Medicine. (2020)
5. Khatri Smriti, and Walia Ramanpreet,( 2018) ‘’ Pharma Industry And Patenting Prosecution: An Indian Perspective, Research Journal of Pharmaceutical, Biological and Chemical Sciences, .RJPBCS 9(5), 690-696.(Impact Factor- 0.56)
6. Walia Ramanpreet, Verma Abhay, ( 2016), stevia an untouched nature’s gift can be a boon to diabetic , International Journal of Drug Regulatory affairs (IJDR) (Impact Factor- 0.454), 2016, 4(1), 24-27.Thomson Reuter indexed
7. Shrivastava, Priyanka, Verma Abhay Kumar, Walia Ramanpreet , Parveen Rehana , Singh Arun Kumar, ( 2016), Jaggery: a revolution in the field of natural sweeteners, European Journal of Pharmaceutical and Medical Research (EJPMR) 3(3), 198-202. (Impact Factor- 3.628),
8. Md Hedaitullah, Walia Ramanpreet, Iqbal Khalid, Singh Balwan, Hussain Asif, (2014) Pyrazoline synthesis through a chalcone intermediate , International Journal of Drug Regulatory affairs (IJDR) 2(4), 59-62. (Impact Factor- 0.454),
9. Walia Ramanpreet and Lamba HS.( 2013), Synthesis of Pyrazoles- An important class of heterocyclics Research paper published in SGVU International Journal of Environmental Sciences and Technology , 1( 1), 41-45.
10. Walia R. Dhamija K. , Vandana, Akhtar J. and Lamba HS. (2012) Synthesis of novel substituted benzimidazole derivatives as potential antimicrobial agents., International Journal of Pharmaceutical, Chemical and Biological Sciences , 2( 3) pp 293-298.
11. Walia Ramanpreet, Role of Green Chemistry in Pharmacy , Abstract published in a national conference C3W held at Suresh Gyan Vihar University Jaipur dated 10-12 october 2012.
12. Walia Ramanpreet and Lamba HS. (2014) Synthesis of benzimidazoles and their antimicrobial studies, Suresh Gyan Vihar University Journal of Environment, Sciences & Technology, entitled” volume 1(1) pp 82-85.
13. Ramanpreet Walia1\*, Md. Hedaitullah1, Syeda Farha Naaz1, Khalid Iqbal1 and HS. Lamba2 International Paper published in International Journal of Research in pharmacy and Chemistry (Impact Factor- 0.510) Volume 1, Issue 3, Jul - Sep 2011 pp 575-578 entitled Benzimidazole derivatives - an overview.
14. Walia R, Singh B and Kumari R, (2011), Pharmacovigilance as Career options, pp, 58-59, Abstract published in IPGA sponsored National seminar on Current Trends in Pharmaceutical education and Research at Jan nayak Ch. Devi Lal Memorial college of Pharmacy Sirsa-15055 ,Haryana.
15. Verma K, and Walia R , (2011), Applications of Drug delivery Liposomal Systems, pp, 46-47 Abstract published in IPGA sponsored National seminar on Current Trends in Pharmaceutical education and Research at Jan nayak Ch. Devi Lal Memorial college of Pharmacy Sirsa-15055 ,Haryana.
16. Singh B, Verma K, Kumari R, and Nanotechnology and drug delivery pp, 48-49, Abstract published in IPGA sponsored National seminar on Current Trends in Pharmaceutical education and Research at Jan nayak Ch. Devi Lal Memorial college of Pharmacy Sirsa-15055 ,Haryana

17. Abstract Published on Topic Green Chemistry in Pharmaceuticals in a conference at SRM University, Modinagar, Ghaziabad , on March 16-17 September, 2010.
18. Walia Ramanpreet, Madaan Reecha, Kaushik Dhirender and Rahman Ziya-vaur International Paper published in Hamdard Medicus (**Impact Factor- 1.727**), Vol. 50, Issue no. 3, of 2007 392-415 entitled “Exploring nature for antitubercular drugs”
19. Kaushik D, Koshy S, Madaan R, Walia RP and Vijaynarayan K (**2004**) Anticonvulsant activity of Carica papaya leaves”. Indian Journal of Pharmacology, vol 36, 568
20. Kaushik D, Koshy S, Madaan R, Walia RP, Gupta S K and Handa V, (**2004**), Anticonvulsant activity of Carica papaya leaves”, Journal of Science & Pharmacy , 157-159.