

List of Patents Prof. Dr. Aamer Saeed*

| S. No | Name of Inventors | Patent Country | Title of the Patent and Assignees | Patent No & date | Year Published/applied |
|-------|--|-------------------------|---|--|------------------------|
| 1. | Seong Hwan Kim Muhammad Latif, Aamer Saeed | KOREAN PATENT | New (Phenyl-tetrazolyl)methyl-1,3,4-oxadiazole derivatives and a pharmaceutical composition for preventing or treating bone diseases comprising the same | KOREAN PATENT No. 014-0105932, (published July 2015) 2014.08.14 | 2015 |
| 2. | Muhammad Latif, Seong Hwan Kim, Aamer Saeed | KOREAN PATENT | Novel methyl 2-(2-naphthoylimino-4-oxothiazolidin-5-ylidene) acetate derivatives and anticancer effect thereof" | KOREAN PATENT No. 10-2014-0034174 Publish dated March 2015. | 2015 |
| 3. | Inventors: Saeed, A. ; Bosch, M. A. N.; Lamberti, Y. A.; Erben, M. F | Argentina Patent | Un compuesto antibacteriano. (Antibacterial compounds) (Spanish) Assignees: CONICET, Universidad Nacional de La Plata Argentina and Quaid-I-Azam University | Argentina Patent 20160102465. Aug 2016 | 2017 |
| 4. | Inventors: Saeed, A. ; Bosch, M. A. N.; Lamberti, Y. A.; Erben, M. F | European Patent | Antibacterial compounds Assignees: CONICET, Universidad Nacional de La Plata Argentina and Quaid-I-Azam University | EP 349 7079 B1 | 2020 |
| 5. | Inventors: Saeed, A. ; Bosch, M. A. N.; Lamberti, Y. A.; Erben, M. F | US PATENT | ANTIBACTERIAL COMPOUNDS CONICET, Universidad Nacional de La Plata Argentina and Quaid-I-Azam University | US 10,857,110 B2 (45) Date of Patent : Dec. 8 , 2020 | 2021 |
| 6. | Aamer Saeed, Khalid Rauf and Yasser MSA Al Kahraman | US PATENT | Coumarinyl, thiazolyl-sulfonyl hybrids and Preparation thereof, Assignees: COMSTATS Abbottabad and Quaid-I-Azam University | Patent US10,093667 B1 dated 09-10-2018 | 2018 |
| 7. | Aamer Saeed, Khalid Rauf and Yasser MSA Al Kahraman | PAK PATENT | Coumarinyl, thiazolyl-sulfonyl hybrids and Preparation thereof, Assignees: COMSTATS Abbottabad and Quaid-I-Azam University | Appl No. 296/2017 Sl.No. 142974 | 2019 |
| 8. | Aamer Saeed, Asma Khurshid Khalid Rauf and Yasser MSA Al Kahraman | PAK PATENT | Novel ferrocenyl derived aroyl thioureas and preparation thereof Assignees: COMSTATS Abbottabad and Quaid-I-Azam University | Patent applied 482/29 08-07-2019 | 2021 |

Book Chapters

| S. No | Name of Authors | Chapter title ISSN (Print) No. | Book Title, Editor and Publisher | Vol. No & Page range | Year |
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| | | | 2023 | | |
| 1 | Aamer Saeed and A. Khurshid | CHAPTER 14 Organic-organic mixed nanocomposites as anticorrosive coatings. | Smart Anticorrosive Materials: Trends and Opportunities <i>Editors: Verma, Srivastava, Quadri, Hussain and Ebenso Elsevier</i> | 261-293 | 2023 |
| | | | 2020-2021 | | |
| 2 | Aamer Saeed and M. Faisal | Chemistry of Hydroxypyrazoles: Synthesis and Applications | Recent Advancement in Functional Pyrazole Chemistry Editor Dr. Karan Singh, Bentham Science Publishers | <i>In press</i> | 2021 |
| 3 | Aamer Saeed and M. Faisal | The role of ionic liquid in medicinal chemistry, | Sustainable and Green Approaches in Medicinal Chemistry Editor: Dr Bimal Banik, Elsevier ISBN: 9780128175927 | Chapter 6, pp 543-590 | 2020 |
| 4 | H.R. El-Seedi, M.A. Salem O. Khattab, D.M. El-Kershe, S.A.M. Khalifa, Aamer Saeed et al. | Chapter 10. Xanthones | Handbook of Dietary Phytochemicals Editors: Jianbo Xiao, Satyajit D. Sarker, Yoshinori Asakawa, Springer https://meteor.springer.com/dietphyto . | Chapter 10, pp 1-22 | 2020 |
| 5 | D. Shahzad, M. Faisal, and Aamer Saeed | Chemoenzymatic approaches towards (S)-duloxetine | Pharmaceutical Biocatalysis, Pan Stanford Publishing Pte. Ltd., Singapore, Editor: Professor Peter Grunwald | Chapter 5, pp144-168 | 2020 |
| 6 | Aamer Saeed and M. Faisal | Sustainable approaches towards production of ethanol from biomass | Sustainable Ethanol and Climate Change. Elsevier Editor: Dr. M. Arshad | Chapter 2, pp15-38. | 2020 |

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| 7 | M. Faisal, Aamer Saeed and D. Shahzad | Portrait of the synthesis of some potent antiinflammatory natural products | Discovery and Development of Anti-inflammatory Agents from Natural Products , Elsevier, First Edition Editor: Goutam Brahmachari | Chapter 5, pp141-183 | 2019 |
| | | | 2018 | | |
| 8 | Aamer Saeed and Fayaz Ali Larik | Recent Development in the Role of Medicinal Plants for the Treatment of Diabetes | Metabolic Disorders , Executive Editor: Dr. J N Govil). 2 VOLS, STUDIUM PRESS LLC, USA , P.O. Box 722200, Houston, TX 77072, USA. Series ISBN: 0-9656038-5-7; Book ISBN: 1-62699-082-4 | Chapter 7 Vol. 45, pp 127-148. | 2018 |
| 9 | Aamer Saeed and Fayaz Ali Larik | Current topics in Herbal Medicine with Applications in Cardiovascular Diseases | Herbal Medicine: Back to the Future Bentham Science Publishers. Editor: Ferid Murad, Atta-ur- Rahman and Ka Bian | Chapter 1 Vol 57, pp 257-314 | 2018 |
| 10 | Hesham El-Seedi, Aamer Saeed etal | Hydroxycinnamic Acids: Natural Sources, Biosynthesis, Possible Biological Activities, and Roles in Islamic Medicine. | Studies in Natural Products Chemistry , Elsevier, Editor: Attaur Rehman | Chapter 7 Vol. 55, pp. 269-292. | 2018 |
| 11 | Hesham El-Seedi, Aamer Saeed , etal | Bee Venom Composition: From Chemistry to Biological Activity, | Chapter 13: Studies in Natural Products Chemistry , Elsevier, Editor: Attaur Rehman | Chapter 13: Vol. 60, pp. 459-484 | 2018 |

Books

1. **Basic 1D and 2D NMR spectroscopy for Organic Chemists**, Majeedson Publishers (2019), Pakistan Authors: Aamer Saeed and Ghulam Shabir.
2. **Basic Spectroscopy**, Ilmi Publishers, Lahore Pakistan Authors: Aamer Saeed, Ghulam Shabir, Arslan Saleem Ilmi Publishers (2020).
3. Editor Springer Nature Switzerland AG, book: **“Recent Advances in Industrial Biochemistry”** comprising 375 pages

4. Retrosynthesis in Total synthesis of Natural Products based on Name Reactions (submitted Springer)

Authors: Aamer Saeed **Springer (in press)**

5. Stereochemistry of Aliphatic, Alicyclic & heterocyclic compounds, Ilmi Publishers, Lahore Pakistan,

Authors: Aamer Saeed and Ghulam Shabir.