

## List of Publication

1. **Abul Bashar Ripon Khalipha1,2\***, Md. Solayman Hossain<sup>1</sup>, Abdullah Al Shamsh Prottay<sup>1</sup>, Musfiqur Rahman Sakib<sup>1</sup> MINI-REVIEW OF LITSEA GLUTINOSA AND MOLECULAR DOCKING STUDIES OF BOLDINE (DERIVED FROM LITSEA GLUTINOSA) AND ITS DERIVATIVES FOR ANTICANCER ACTIVITY AGAINST TNFRSF6B, International Journal of Evergreen Scientific Research,(2021) , ISSN:2664-2409 , Vol.03, Issue.02, pp.1-20, (2021)
2. Md. Irfanul Haque<sup>1\*</sup>, **Abul Bashar Ripon Khalipha2, 3\***, Musfiqur Rahman Sakib<sup>2</sup>, Abdullah Al Shamsh Prottay<sup>2</sup>, Md. Ariful Islam<sup>1</sup>, Riazil Zannat<sup>1</sup>, Sampa Sardar<sup>1</sup>, Nusrat Zahan Santa<sup>1</sup>, IN-SILICO MOLECULAR DOCKING STUDY OF LINALOOL AGAINST 3ELJ FOR CELL CYCLE ARREST AND APOPTOSIS IN HEPG2 CELLS, International Journal of Evergreen Scientific Research (2021) , ISSN:2664-2409 , Vol.03, Issue.02, pp.105-118
3. Mondal, M., Saha, S., Sarkar, C., Hossen, M. S., Hossain, M. S., **Khalipha, A. B. R.**, & Kundu, S. K. Role of Citrus medica L. Fruits Extract in Combatting the Hematological and Hepatic Toxic Effects of Carbofuran. Chemical Research in Toxicology (2021) pp.A-M. <https://doi.org/10.1021/acs.chemrestox.1c00166>
4. Mondal, M., Sarkar, C., Jamaddar, S., **Khalipha, A. B. R.**, Islam, M. T., Mahafzah, A., & Mubarak, M. S. Evaluation of the Binding Affinity of Anti-Viral Drugs against Main Protease of SARS-CoV-2 through a Molecular Docking Study. Infectious Disorders - Drug Targets, 2020, 20, 1-00
5. Musfiqur Rahman Sakib<sup>1\*</sup>, Abul Bashar Ripon Khalipha<sup>1, 2\*</sup>, Abdullah Al Shamsh Prottay<sup>1</sup>, Md. Solayman Hossain<sup>1</sup>, Chandan Sarkar<sup>1</sup>, Rajat Bagchi<sup>1</sup>. IN-SILICO DOCKING ANALYSIS OF VOLASERTIB AND ITS STRUCTURAL ANALOGOUS FOR CANCER THERAPY AGAINST POLO-LIKE KINASE (PLK1) , International Journal of Evergreen Scientific Research, (2021) , ISSN:2664-2409 , Vol.03, Issue.02, pp.21-40
6. Mondal, M., Saha, S., Hossain, M., Al Foyjul, I., Sarkar, C., Hossain, S., **Khalipha, A. B. R.**, & Kundu, S. K. Phytochemical profiling and evaluation of bioactivities of methanolic and ethyl acetate extracts of Marsdenia tenacissima leaves. Journal of Herbs, Spices & Medicinal Plants,(2020) ,ISSN: 1049-6475 (Print) 1540-3580.
7. Sarkar, C., Jamaddar, S., Mondal, M., **Khalipha, A. B. R.**, Islam, M. T., & Mubarak, M. S. (2020). Natural products as anti-COVID-19 agents: An in silico study. Coronaviruses.(2021) ISSN:2666-7975,pp1-8
8. **Abul Bashar Ripon Khalipha\***, Md. Shimul Bhuia\*, Naimur Rahman, Golam Rabbani, Khadija Akter, Md. Solayman Hossain. IN-SILICO MOLECULAR DOCKING STUDY OF AFZELIN AND ITS DERIVATIVES AGAINST 6M0J FOR TREATMENT OF COVID-19, International Journal of Evergreen Scientific Research , , (2021) ,ISSN:2664-2409 , Vol.01, Issue.02, pp.1-19
9. Md. Shimul Bhuia\*, **Abul Bashar Ripon Khalipha**, Naimur Rahman, Md. Imran Hossain, Khadija Akter, Md. Solayman Hossain, Md. Sajjad Hossain Siam, Md. Hasibur Rahman, DRUG DESIGN AND DEVELOPMENT OF ALECTINIB AGAINST ALK PROTEIN DOMAIN FOR TREATMENT OF LUNG CANCER: AN IN SILICO APPROACH, International Journal of Evergreen Scientific Research , (2021) ,ISSN:2664-2409 , Vol.01, Issue.02, pp.20-37, (2021)
10. Mondal, M., Sarkar, C., Jamaddar, S., **Khalipha, A. B. R.**, Islam, M. T., Mahafzah, A., & Mubarak, M. S. (2020). Evaluation of the Binding Affinity of Anti-Viral Drugs against Main Protease of SARS-CoV-2 through a Molecular Docking Study. Infectious Disorders Drug Targets. ,(2020) ,vol.20,pp01-07

## List of Publication

11. Md. Irfanul Haque \*, **Abul Bashar Ripon Khalipha\***, IN SILICO MOLECULAR DOCKING STUDY OF LINALOOL AGAINST 3ELJ FOR CELL CYCLE ARREST AND APOPTOSIS IN HEPG2 CELLS. International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Issue.02, pp.47-59, (2021)
12. Abdullah Al Shamsh Prottay, **Abul Bashar Ripon Khalipha**, Mushfiqur Rahman Sakib, Milon Mondal, Rajat Bagchi. DISCOVERY OF FEDRATINIB DERIVATIVES TARGETING JANUS KINASE 2 (JAK2): AN IN SILICO STUDY, International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Issue.02, pp.60-75, (2021)
13. **Abul Bashar Ripon Khalipha\***, Rajat Bagchi\*, Md. Soleyman Hossain, Milon Mondal, Sajal Biswas, Pranta Ray, Shanita Zaman Smrity, Umma Hafsa Asha., A Literature Based Review on Rohitukine and Molecular Docking Studies of Flavopiridol (Rohitukine Derived) and Its Derivatives against Cyclin-Dependent Kinases (CDKs) for Anticancer Activity, International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Issue.01, pp.15-28, (2020)
14. **Abul Bashar Ripon Khalipha\*** , SM Hafiz Hassan, Pranta Ray, Iffat Ara Shaon, Rajat Bagchi, Dr.Md. MA Mazid, Halogen-Directed Molecular Docking Study of Epalrestat: Aldose Reductase Family Inhibitor for the Treatment of Diabetic Neuropathy, International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Issue.01, pp.38-48, (2020)
15. Islam, M.T., Ray, P., **Khalipha, A.B.R.**, Hassan, S.H., Khan, M.R. and Rouf, R., 2020. Molecular docking study of the phytol and its derivatives against COX-2 induced inflammation: A combined density functional study. Recent Research in Science and Technology, pp.1-5.
16. **Abul Bashar Ripon Khalipha\***, Bilkis khanom, ,Md. Soleyman Hossain, SM Hafiz Hassan, Dr. Mizanur Rahman ,CNS depressant-like effects of Strychnos nux-vomica methanolic bark extract in Swiss mice., International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Issue.01, pp29-37, (2020).
17. K. Fatema, M. Zahid Hasan, M. Sultana<sup>3</sup>, M. Murad Hossain, **A. B. R. Khalipha**. Analyzing Different Factors Associated with Child Disease in Gopalganj, Bangladesh - A Hospital Based Survey. International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Special Issue.01, pp.1-10, November (2019)
18. Mondal, M., Saha, S., Hossain, M.M., Al Foyjul, Sarkar, C., Hossain, M.S., **Khalipha, A.B.R.** and Kundu, S.K., 2020. Phytochemical profiling and evaluation of bioactivities of methanolic and ethyl acetate extracts of Marsdenia tenacissima leaves. Journal of Herbs, Spices & Medicinal Plants, pp.1-18.
19. Mondal, M., Hossain, M. S., Das, N., **Khalipha, A. B. R.**, **Sarkar**, A. P., Islam, M. T., ... & Kundu, S. K. (2019). Phytochemical screening and evaluation of pharmacological activity of leaf Methanolic extract of Colocasia affinis Schott. Clinical Phytoscience, 5(1), 8.
20. **Abul Bashar Ripon Khalipha\***, Shamrat Kumar Paul\*, Pranta Ray\*, Md. Soleyman Hossain, Md. Lutful Kabir, In Silico Molecular Docking and Density Functional Studies on Fenofibrate and its Derivatives Against 5AZT in the Treatment of Cardiovascular Disease., International Journal of Evergreen Scientific Research , ISSN:2664-2409 , Vol.01, Issue.01, pp.1-14, (2020).

## List of Publication

21. Saikat, Abu Saim Mohammad, Md Lutful Kabir, **Abul Bashar Ripon Khalipha**. "An In silico Approach for Structural and Functional Annotation of Uncharacterized Protein Rv0986 present in Mycobacterium tuberculosis.". 2: 61-67.
22. Paul, S. K., **Khalipha, A. B. R.**, Kabir, L., Ray, P., Mina, M. A., & Masum, H. M. (2020). In Silico Design and Homology Modeling of Helicase C-Terminal Domain of Nonstructural Protein NS3 of West Nile Virus (Strain NY-99). In Proceedings of the 2nd International Conference on Communication, Devices and Computing (pp. 723-732). Springer.
23. Paul, S. K., Ray, P., Hossain, M. S., **Khalipha, A. B. P.**, & Islam, M. T. (2019). In Silico Molecular Docking Study of Delafloxacin against 4MQT for the Treatment of Acute Bacterial Skin and Skin Structure Infections. Int. J. Biopro. Biotechnol. Advance, 5(1), 144-150.
24. Saikat ASM, and **Khalipha ABR. (2020)**. Structure prediction, characterization, and functional annotation of uncharacterized protein BCRIVMBC126\_02492 of Bacillus cereus: an in silico approach. Am. J. Pure Appl. Sci, ISSN: 2663-6913 (Online) & 2663-6905 (Print) 2020, 2(4), 104-111
25. Islam, Muhammad T., **Abul BR Khalipha**, Rajat Bagchi, Milon Mondal, Shanita Z. Smrity, Shaikh J. Uddin, Jamil A. Shilpi, and Razina Rouf. "Anticancer activity of thymol: A literature-based review and docking study with Emphasis on its anticancer mechanisms." IUBMB life 71, no. 1 (2019): 9-19.
26. Pranta Ray, **Abul Bashar Ripon Khalipha\***, Md. Solayman Hossain, Sajal Biswas., 2018. Computer Assisted Drug Design of Tinosporide for treatment of Cancer: a Combined Density Functional and Molecular Docking Study, Journal of Natural Sciences Research, ISSN 2225-0921 (Online) Vol.8, Special Issue.
27. Islam, M.T., Biswas, S., Bagchi, R., Khan, M.R., **Khalipha, A.B.R.**, Rouf, R., Uddin, S.J., Shilpi, J.A., Bardaweel, S.K., Sabbah, D.A. and Mubarak, M.S., 2019. Ponicidin as a promising anticancer agent: Its biological and biopharmaceutical profile along with a molecular docking study. Biotechnology and applied biochemistry.
28. Sajal Biswas, **Abul Bashar Ripon Khalipha**, Md. Solayman Hossain\* and Pranta Ray, "Halogen directed drug design of Ginsenoside for the treatment of Cancer: A Combined Density Functional and Molecular Docking Study", Clinical Cancer Drugs (2019) 6: 1. <https://doi.org/10.2174/2212697X06666190131160258>, Online ISSN 2212-6988.
29. Md. Mofizur Rahman, Md. Qamrul Ahsan, **Abul Bashar Ripon Khalipha**, Md. A K Azad, Nazneen Ahmeda Sultana, Sophia Hossain and Sanjida Haque. Formulation and In-Vitro Evaluation of Oral Sustained Release Drug Delivery System for Lamivudine Matrix Tablets Using Methocel K15M CR Polymer, 2014; 10 (24): 351-363. ISSN: 1857 - 7881 (Print) (ESJ's Index Copernicus Impact Factor, ICV 2014 = 8.25)
30. Md. Abdul Jalil, Nushrat Jahan, Md. Mohaiminul Islam, **Abul Bashar Ripon Khalipha**, Chand Sultana Khatun, Md. Mofizur Rahman, Md. A.K. Azad, Analgesic And Anti Inflammatory Activities Of Methanolic Extract Of Fruit Rind Of Citrullus Lanatus International Journal of Pharmacy(IJPNL6 ) Volume 5, Issue 1, January 2015.( Impact Factor, =2.142)
31. Md. Mofizur Rahman\*, **Abul Bashar Ripon Khalipha**, Rishikesh, Md. Borhanuddin Opu, Md. Faqrudin Formulation and In-Vitro Evaluation Of Ketotifen Fumarate Sustained Release Matrix Tablets Using HPMC 4000 cps (Methocel K4M CR) and Xanthan Gum (3:1). IJDD, 3(2011) 513-524.

## List of Publication

32. Zilly Homa, Md. Qamrul Ahsan, Md. Mofizur Rahman, Mohammed Ibrahim, **Abul Bashar Ripon Khalipha**, M. Mohi Uddin Chowdhury. Design, Development and In-vitro Evaluation of Amlodipine besylate Effervescent floating tablets by using different polymers. Published in the International journal of Pharmaceutical Science Research.( Impact Factor,2012: 2.44)
33. Md. Qamrul Ahsan, Md. Mofizur Rahman, AKM Moyeenul Huq, Mohammad Ibrahim, IshtiaqAhmed, **Abul Bashar Ripon Khalipha**. Development and In-Vitro Evaluation of the Comparative study of Salbutamol Sulphate using Methocel K15M CR and Methocel K100M CR polymers for Sustained release matrix tablets. published in Inventi Rapid: Pharm Tech. (2012). Global Impact Factor- 0.3 (2012)
34. MD. MOFIZUR RAHMAN\*, **ABUL BASHAR RIPON KHALIPHA**, MD. A. K. AZAD, MD. ZAKARIA FARUKI, AMIT K. CHAURASIYA and HEMAYET HOSSAIN. Effect of natural and synthetic polymer on release of ketotifen fumarate matrix tablets: A sustained release dosage form. Published in International Journal of Pharmaceutical Sciences and Research (IJPSR) (2012), SJ Impact Factor (2012): 3.226, G. Impact Factor (2013) : 0.533
35. Md. Mofizur Rahman\*, **Abul Bashar Ripon Khalipha**, Amit Kumar Chaurasiya, Mithilesh Kumar Jha,Md. Qamrul Ahsan, Zakaria Faruki and Md. Jannatul Ferdous. Synergistic Effects of Disintegrants on Release of poorly Water soluble drug. International Journal of Pharmaceutical and Life Sciences. Volume 1, Issue 3, Serial 6: November, 2012, 1-18.
36. Md. Mofizur Rahman\*, Md. Armin Minhaz, Md. Qamrul Ahsan, **Abul Bashar Ripon Khalipha**, Mohammed Raihan Chowdhury. Dissolution enhancement of poorly soluble drug by solvent evaporation method using hydrophilic polymer: a solid dispersion technique.International Journal of Pharmaceutical and Life Sciences. Volume 1, Issue 2, Serial 2: September2012, 1-18.
37. Md. Sariful Islam Howlader, Md. Mofizur Rahman, **Abul Bashar Ripon Khalipha**, Firoj Ahmed and Md. Mustafizur Rahman, 2012. Antioxidant and Antidiarrhoeal Potentiality of Diospyros blancoi. International Journal of Pharmacology, 8: 403-409.
38. Md. Mofizur Rahman\*, Md. Rezaul Karim, Md. Qamrul Ahsan, **Abul Bashar RiponKhalipha**, Mohammed Raihan Chowdhury , Md Saifuzzaman. use of computer in drug design and drug discovery: a review. Volume 1, Issue 2, Serial 5: September 2012, 1-18.
39. Md. Mofizur Rahman\*, Md. Qamrul Ahsan , **Abul Bashar Ripon Khalipha** ,Amit Chaurasiya, Mithilesh Kumar Jha, A. Y. Sk. Feroz Uddin IshtiaqAhmed. Formulation and In-Vitro Evaluation of Oral Sustained Release Drug Delivery System for Lamivudine Matrix Tablets Using Methocel K15M CR .Journal of Bioequivalence & Bioavailability. (2012)
40. Md. Qamrul Ahsan, Md. Mofizur Rahman, AKM Moyeenul Huq, Mohammad Ibrahim, Ishtiaq Ahmed, **Abul Bashar Ripon Khalipha**. Development and In-Vitro Evaluation of the Comparative study of Salbutamol Sulphate using Methocel K15M CR and Methocel K100M CR polymers for Sustained release matrix tablets, Inventi Impact: Pharm Tech, 2013; January-March (1): 1-6.