

ISSN: 1816-1820 (Print version)  
1816-1839 (Online version)

# The Dhaka University Journal of Pharmaceutical Sciences

*(Dhaka Univ. J. Pharm. Sci.)*

Vol. 20, No. 3 (Centennial Special Issue)

June, 2022

This publication is covered by CAS, HINARI, Embase™, Embase-Elsevier, SCIENCE, ROAD, CROSSREF, MEDIA, SCIMAGO, ADAT, Directory of Research Journals Indexing, ResearchGate, JournalTOCs, Internetchemistry, Academic Accelerator, Microsoft Academic and several other abstracting systems.

In addition all papers of each issue are available in  
<[www.dujps.com](http://www.dujps.com)> and <[www.banglajol.info/index.php](http://www.banglajol.info/index.php)>

## EDITORIAL BOARD

### Editor

**Prof. Dr. Sitesh Chandra Bachar**

Dean, Faculty of Pharmacy  
University of Dhaka

### Member

**Prof. Dr. Firoj Ahmed**

Chairman, Department of Pharmacy  
University of Dhaka

**Prof. Dr. Md. Shah Amran**

Chairman, Department of Pharmaceutical  
Chemistry, University of Dhaka

**Prof. Dr. S. M. Abdur Rahman**

Chairman, Department of Clinical Pharmacy  
& Pharmacology, University of Dhaka

**Prof. Dr. Md. Elias-Al-Mamun**

Chairman, Department of Pharmaceutical  
Technology, University of Dhaka

**Prof. Dr. Md. Abdur Rashid**

Department of Pharmaceutical Chemistry  
University of Dhaka

**Prof. Dr. Satyajit Dey Sarker**

Director of School of Pharmacy and  
Biomolecular Sciences  
Liverpool John Moors University, UK

---

Published by: Professor Dr. Sitesh Chandra Bachar, Dean, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh on behalf of the Editorial Board.

**Impact Factor: GIF = 0.835 (2015); RG = 0.67 (2018); Citeschore = 0.38 (2017)**

## EDITORIAL ADVISORY BOARD

**Prof. Dr. Claire Anderson**  
School of Pharmacy  
The University of Nottingham, UK

**Prof. Dr. Dennis Ross**  
Harvard Medical School  
Harvard University, USA

**Prof. Dr. Colin N A Palmer**  
Chair of Pharmacogenomics, School of Medicine  
University of Dundee, UK

**Prof. Dr. Abu Serajuddin**  
College of Pharmacy and Health Sciences  
St. John's University, New York, USA

**Prof. Dr. Muhammad Ilias**  
Research Institute of Pharmaceutical Sciences  
The University of Mississippi, USA

**Prof. Dr. Muhammad Jamil Habib**  
College of Pharmacy, Howard University  
Washington DC, USA

**Prof. Dr. Satyajit Dey Sarker**  
Director of School of Pharmacy and Biomolecular  
Sciences, Liverpool John Moores University, UK

**Prof. Dr. Muhammad Delwar Hussain**  
College of Pharmacy  
California Health Sciences University, USA

**Prof. Dr. Panna Thapa**  
KU School of Science  
Kathmandu University (KU), Nepal

**Dr. Omar Faruk Khan**  
Associate Dean for Academic Affairs  
University of Charleston, West Virginia, USA

**Prof. Dr. Pulok Kumar Mukherjee**  
Director, School of Natural Product Studies  
Jadavpur University, India

All communications regarding the Centennial Special Issue of this journal should be addressed to: **Professor Dr. Sitesh Chandra Bachar**, Editor, Centennial Special Issue, The Dhaka University Journal of Pharmaceutical Sciences, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh. Phone: 9661920-73/8157, 8137; Fax: 880-2-9667222, E-mail: editor.dujps@du.ac.bd, dujps\_du@yahoo.com, r.pchem@yahoo.com; Web: www.dujps.com

# The Dhaka University Journal of Pharmaceutical Sciences

(Dhaka Univ. J. Pharm. Sci.)

---

Vol. 20

No. 3 (Centennial Special Issue)

June, 2022

---

## CONTENTS

- Afaf Al Groshi, Lutfun Nahar, Fyaz M. D. Ismail, Andrew R. Evans and Satyajit D. Sarker** - Bioassay-guided Isolation of Ursolic Acid as the Major Cytotoxic Compound Present in the Methanolic Extract of the Leaves of *Arbutus pavarii* Pamp. 267-274  
DOI: <https://doi.org/10.3329/dujps.v20i3.59792>
- Mrhaf Alloush, Cai Mallion, Satyajit D. Sarker and M. Mukhlesur Rahman** - Coumarins from the Roots of *Angelica archangelica* and Antibacterial Activity Against Methicillin Resistant *Staphylococcus aureus* 275-281  
DOI: <https://doi.org/10.3329/dujps.v20i3.59793>
- Mst. Serina Sultana, Mimi Golder, Biswajit Biswas, Bishwajit Bokshi, Utpal Kumar Karmakar, Md. Jahir Alam, Masum Shahriar and Samir Kumar Sadhu** - Antioxidative and Antidiabetic Potentials of the Pneumatophores of *Heriteira fomes* Buch. Ham. 283-291  
DOI: <https://doi.org/10.3329/dujps.v20i3.59794>
- Ehfazul Haque, Juhaer Anjum, Nasiba Binte Bahar, Jakir Ahmed Chowdhury, Abu Asad Chowdhury, Shaila Kabir, Al Amin Sikdar and Md. Shah Amran** - *In Silico* Study of the Cardioactive Constituents of *Tinospora crispa* 293-306  
DOI: <https://doi.org/10.3329/dujps.v20i3.59795>
- Sirazum Munira, Shadid Uz Zaman and Md. Abdul Muhit** - Efflux Pump Inhibitory Potential of Vitexin 2"-*O*-xyloside Against Gram Positive Bacteria *Staphylococcus aureus* 307-315  
DOI: <https://doi.org/10.3329/dujps.v20i3.59796>
- Khandokar Sadique Faisal, Mohiuddin Ahmed Bhuiyan and Md. Elias Al-Mamun** - Evaluation of Dissolution Behavior of Cefuroxime Axetil as Affected by Polymeric Interaction Using Mixture Design Experiment 317-317  
DOI: <https://doi.org/10.3329/dujps.v20i3.59797>
- Ishtyaque Mikrani, Md. Raihan Sarkar, Mehedi Islam, Sreedam C. Das and Kazi Milenur Rahman Prattay** - Development, Characterization and *In vitro* Evaluation of Solid Dispersion Formulations of Low Aqueous Soluble BCS Class II Drug Pitavastatin with Poloxamer 407 and HPMC 325-336  
DOI: <https://doi.org/10.3329/dujps.v20i3.59798>
- Jesmin Sultana, Afsana Jahan, Mohammad Saifuddin and Md. Selim Reza** - Factors Affecting the Prescription Pattern of Generic Cardiovascular Medicines: A Cross-Sectional Study in Dhaka City 337-346  
DOI: <https://doi.org/10.3329/dujps.v20i3.59799>
- Kangkana Mitra, Md. Abdur Raihan, Md. Abdur Rahman, Razina Rouf, Hasan Mahmud Reza, Shaikh Jamal Uddin and Ilias Muhammad** - Therapeutic Potential of *Nelumbo nucifera* (Sacred Lotus) in CNS Disorders 347-358  
DOI: <https://doi.org/10.3329/dujps.v20i3.59800>

- Adeoluwa A. Adeluola and A. R. M. Ruhul Amin** - Chemoprevention: Achievements and Future Perspectives 359-372  
DOI: <https://doi.org/10.3329/dujps.v20i3.59801>
- Hemant Bhatt, K.C. Santosh and Panna Thapa** - Drug Manufacturing and Access to Medicine in Nepal – A Literature Review of Challenges and Proposed Remediation 373-379  
DOI: <https://doi.org/10.3329/dujps.v20i3.59802>
- Sabiha Enam Spriha and S. M. Abdur Rahman** - A Review on Biological Activities of Sugars and Sugar Derivatives 381-394  
DOI: <https://doi.org/10.3329/dujps.v20i3.59803>
- Jannatul Naim, Nahid Sharmin, Madhabi Lata Shuma and Shimul Halder** - Lipid-Based Nanocarriers for Oral Delivery of Proteins and Peptides: Opportunities, Challenges, and Future Prospects 395-416  
DOI: <https://doi.org/10.3329/dujps.v20i3.59804>
- Niaz Morshed, Rumman Reza, Md. Nazmus Samdani and Muhammad Asaduzzaman** - Phytochemicals from Bangladeshi Medicinal Plants Potentially Targeting Non-Structural Protein 2/Non-Structural Protein 3 Chimera of Dengue Virus: An *in silico* study 417-426  
DOI: <https://doi.org/10.3329/dujps.v20i3.59805>
- Moynul Hasan, Md. Monirul Islam and Md. Mostafizur Rahman** - A Review on Structure - Activity Relationship of Antimicrobial Peptide Magainin 2 427-434  
DOI: <https://doi.org/10.3329/dujps.v20i3.59806>

# The Dhaka University Journal of Pharmaceutical Sciences

(Dhaka Univ. J. Pharm. Sci.)

---

Vol. 20

No. 1

June, 2021

---

## CONTENTS

- Shadhan Kumar Mondal, Sabiha Chowdhury, Amlan Ganguly and A.B.M. Faroque** - Evaluation of Current Status of Newly Established Model Pharmacies in Bangladesh 1-10  
DOI: <https://doi.org/10.3329/dujps.v20i1.50852>
- Airemwen Collins Oveneri and Uhumwangho Uwumagbe Michael** - Formulation of Non-effervescent Floating Dosage Form of Metronidazole using Sintering and Sublimation Technique 11-17  
DOI: <https://doi.org/10.3329/dujps.v20i1.50853>
- Nilima A. Thombre, Pradeep S. Ahire and Sanjay J. Kshirsagar** - Formulation Development and Evaluation of Mouth Dissolving Tablet of Aspirin by Using QbD Approach 1929  
DOI: <https://doi.org/10.3329/dujps.v20i1.50854>
- Oluyemisi Adebawale Bamiro, Aishat Oyinkansola Salisu, Ese Mary Iyere, Olatundun Atoyegbe, Olutayo Ademola Adeleye and Lateef Gbenga Bakre** - Characterization of Chitosan Obtained from Snail Shell (*Achatina fulica*) and its Excipient Potentials in Metronidazole Tablet Formulation 31-39  
DOI: <https://doi.org/10.3329/dujps.v20i1.50855>
- Md. Aknur Rahman, Md. Riaz Hossain, Md. Aslam Hossain and Md. Shah Amran** - A Study on the National Drug Policies of Bangladesh to Ensure Health for All 41-48  
DOI: <https://doi.org/10.3329/dujps.v20i1.50856>
- Olufunmilayo Egunoluwa Adejumo, Elizabeth Ayodele Popoola, Oluyemisi Adebawale Bamiro, John Olabanji Daodu and Olatunde James Olaitan** - Physicochemical Characteristics and HPLC Determination of Alpha-Tocopherol in Eighteen Edible Vegetable Oils Marketed in Nigeria 49-57  
DOI: <https://doi.org/10.3329/dujps.v20i1.54032>
- Md. Atiqur Rahman, Mohammad Tohidul Amin, Sayema Arefin, Dipty Rani Bhowmik, Md. Abdur Rahman Ripon and Mohammad Salim Hossain** - Evaluation of Body Weight, Serum Lipid Profile, Glucose Homeostasis, Oxidative Stress and Hepatic Function in Healthy Mice Fed With Zinc Sulphate Supplementation 59-66  
DOI: <https://doi.org/10.3329/dujps.v20i1.54033>
- Petra Obioma Nnamani, Franklin Chimaobi Kenechukwu, Chinekwu Sheridan Nwagwu, Onyinye Okoye and Anthony Amaechi Attama** - Physicochemical Characterization of Artemether-Entrapped Solid Lipid Microparticles Prepared from Templated-Compritol and *Capra hircus* (Goat Fat) Homolipid 67-80  
DOI: <https://doi.org/10.3329/dujps.v20i1.54034>

- Theophilus K. Udeani, Linus O. Ugwu, Charles O. Nnadi and Chukwugozie N. Okwuosa** - Evaluation of Anti-Microbial Activity and Proximate Composition of Alkaloids from *Vitex doniana* Seed 81-86  
DOI: <https://doi.org/10.3329/dujps.v20i1.54035>
- Nazmul Ahsan, Monzilur Rahman, Md. Nazrul Islam and Anwarul Azim Akhand** - Isolation and Characterization of Multidrug Resistant Enterobacteriaceae in Urine Sample of Patients Suffering from Urinary Tract Infection with Diabetes and Nephropathy 87-93  
DOI: <https://doi.org/10.3329/dujps.v20i1.54036>
- Poushali Saha, Shejuti Rahman Brishty and S.M. Abdur Rahman** - Pharmacological Screening of Substituted Benzimidazole Derivatives 95-102  
DOI: <https://doi.org/10.3329/dujps.v20i1.54037>
- Shifat-E-Ferdous, Mamunur Rahman, Firoj Ahmed and Md. Abdul Muhit** - Phytochemical Analysis, Antioxidant and Cytotoxic Activities of *Mucuna pruriens* Leaves 103-109  
DOI: <https://doi.org/10.3329/dujps.v20i1.54038>
- Piyali Chowdhury, Mohammed Ibrahim, Sarrin Shahadat, Md. Ruhul Kuddus and Mohammad A. Rashid** - *In vitro* and *in vivo* Evaluation of Pharmacological Potential of *Lasia spinosa* Linn. 111-119  
DOI: <https://doi.org/10.3329/dujps.v20i1.54039>
- Md. Anisul Islam, Md. Mahbulul Alam, K. M. Yasif Kayes Sikdar, A. S. M. Monjur-Al-Hossain and Abu Shara Shamsur Rouf** - Development and Characterization of a Combination Tablet Dosage Form Containing Sofosbuvir and Ribavirin Using Design of Experiments (DoE) Approach 121-133  
DOI: <https://doi.org/10.3329/dujps.v20i1.54040>
- Short communication**
- Farjana Rahman Chaity, Mohammad A. Rashid and Mohammad Sharifur Rahman** - Biological Investigations of the Whole Plant of *Argemone mexicana* (L.) 135-138  
DOI: <https://doi.org/10.3329/dujps.v20i1.54041>

# The Dhaka University Journal of Pharmaceutical Sciences

(Dhaka Univ. J. Pharm. Sci.)

---

Vol. 20

No. 2

December, 2021

---

## CONTENTS

- Olufunmilayo Adejumo, Ike Williams, Kehinde Ojewale, Christopher Igbokwe and Ibronke Ajayi** - Phytochemistry and *In vitro* Antimicrobial Activity of Five Plant Species against Nine Common Human Pathogens 139-148  
DOI: <https://doi.org/10.3329/dujps.v20i2.57164>
- Shimul Halder, M. A. K. Azad, Hrishik Iqbal, Madhabi Lata Shuma and Eva Rahman Kabir** - Improved Dissolution of Albendazole from High Drug Loaded Ternary Solid Dispersion: Formulation and Characterization 149-158  
DOI: <https://doi.org/10.3329/dujps.v20i2.57165>
- Md. Monirul Islam, Mashiur Rahman, Muhammad Asaduzzaman and Mohammad Shawkat Ali** - Antioxidant, Analgesic and CNS Depressant Activities of *Commelina diffusa* Burm. f. 159-166  
DOI: <https://doi.org/10.3329/dujps.v20i2.57166>
- Halima Akter, Md. Mahbulul Alam, Md. Rezoan Rabbi and Abu Shara Shamsur Rouf** - Stability-Indicating UHPLC Method for the Determination of Desvenlafaxine: Application to Degradation Kinetics 167-176  
DOI: <https://doi.org/10.3329/dujps.v20i2.57167>
- Sajan Das, Muhammad Shah Mohtasim Khan, Md. Shawkatul Islam Bakhtiar and Mohammad Shahriar** - *In silico* Molecular Docking and ADMET Study of Some Potential Antiviral Drug Candidates as Potential Inhibitors of SARS-CoV-2 Protease M<sup>P<sub>ro</sub></sup> (6Y2F) 177-183  
DOI: <https://doi.org/10.3329/dujps.v20i2.57168>
- Fahad Hussain, Poushali Saha, Fahad Imtiaz Rahman, Mohammad Salim Hossain and S. M. Abdur Rahman** - *In vivo* and *in silico* Evaluation of Analgesic and Hypoglycemic Activities of Roots of *Acacia nilotica*, *Azadirachta indica* and *Justica adhatoda* 185-197  
DOI: <https://doi.org/10.3329/dujps.v20i2.57169>
- K. M. Yasif Kayes Sikdar, Md. Shahoriar Nazir, Md. Mahbulul Alam, Md. Raihan Sarkar and Sad Al Rezwan Rahman** - Evaluation of *in vitro* Dissolution Profile and Physicochemical Characterization of Polymer Based Formulations of Sparingly Soluble Rosuvastatin 199-211  
DOI: <https://doi.org/10.3329/dujps.v20i2.57170>
- Adeeba Anjum, Md. Ruhul Kuddus, Md. Zakir Sultan, Abdullah Al Mansur, Choudhury M. Hasan and Mohammad A. Rashid** - Phytochemical and Biological Investigation of *Bridelia tomentosa* Blume Growing in Bangladesh 213-218

**DOI: <https://doi.org/10.3329/dujps.v20i2.57171>**

**Shuchismita Dey, Md. Zakir Sultan and Md. Abdus Salam** - Nickel(II)-Complex of Ceftributen Dihydrate: Synthesis, Characterization and Thermal Study 219-225

**DOI: <https://doi.org/10.3329/dujps.v20i2.57172>**

**Nazia Hoque, Nusrat Fatemee, Md. Junayet Hossain, Meena Afroze Shanta and Muhammad Asaduzzaman** - CNS Depressant and Analgesic Activities of *Thysanolaena maxima* Roxb. Available in Bangladesh 227-233

**DOI: <https://doi.org/10.3329/dujps.v20i2.57173>**

**Review paper**

**Snigdha Bhardwaj and Ashutosh Tiwari** - Nanoemulgel : A Promising Nanolipoidal-Emulsion Based Drug Delivery System in Managing Psoriasis 235-246

**DOI: <https://doi.org/10.3329/dujps.v20i2.57174>**

**Nadia Tasnim Ahmed, Sadia Noor, Md Mustafizur Rahman and Md. Abdul Mazid** - Cytotoxic Compounds Derived from Marine Algicolous and Spongicolous Endophytic Fungi: A Review 247-265

**DOI: <https://doi.org/10.3329/dujps.v20i2.57175>**

## INSTRUCTIONS TO AUTHORS

**The following instructions must be followed during preparation of manuscripts intended for publication in the *Dhaka University Journal of Pharmaceutical Sciences*:**

*The Dhaka University Journal of Pharmaceutical Sciences*, a **peer reviewed journal**, invites and publishes full papers, short communications and review articles that make substantial and scholarly contributions to any areas of pharmaceutical sciences.

Manuscripts should be written in English, preferably composed with a computer, in double space with wide margins on 29.21 × 21.59 cm good quality bond or A4 (29.7 × 21.0 cm) offset paper and should not exceed 16 pages in case of full papers and 8 pages in case of short communications, including tables and figures.

**Title page.** The title should appear on a separate page and should be followed by the author names and the institution name and address. The title, author name(s), and affiliations should all appear on their own respective line of text. Place an asterisk after the name of the author to whom enquiries regarding the paper should be directed and include that author's telephone and fax numbers and e-mail address.

**Abstract.** The abstract, detailing, in one paragraph, the problem, experimental approach, major findings, and conclusions, should appear on the second page. It should be double-spaced and should not exceed 150 words for full papers.

**Key words.** Author(s) must give 3 to 10 "key words" or phrases, which identify the most important subjects covered by the paper. These should be placed at the end of the abstract.

**Introduction.** The manuscript should include a brief introduction stating the purpose of the investigation and relating the manuscripts to similar research previously or currently being conducted. Only information essential to the arguments should be presented.

**Materials and Methods.** This section should contain some specific details about the materials studied, instruments used, sources of specialized chemicals and related experimental details to allow

other workers to reproduce the results. Separate paragraphs with sub-headings may be used to describe the experimental details.

**Results and Discussion.** The results should be presented concisely. Tables and figures should be designed to maximize the presentation and comprehension of the experimental data. The discussion should interpret the results and relate them to existing knowledge in the field as clearly and briefly as possible.

**Acknowledgements.** The Acknowledgments section should include credits for assistance, financial support, and other appropriate recognition.

**References.** References to the literature, regardless of their nature, should be numbered in order of appearance in the manuscript and cited in the text with superscript numbers. References should follow the format shown:

1. Khan, S., Jabbar, A., Hasan, C.M. and Rashid, M.A. 2000. Nasimaluns A and B: *neo-clerodane* diterpenoids from *Barringtonia racemosa*. *J. Nat. Prod.* **63**, 410-411.
2. Rashid, M.A., Gustafson, K.R., Crouch, R.C., Groweiss, A., Pannell, L.K., Van, Q.N. and Boyd, M.R. 2002. Application of high-field NMR and cryogenic probe technologies in the structure elucidation of poecillastrin A, a new antitumor macrolide lactam from the sponge *Poecillastra* species. *Org. Lett.* **4**, 3293-3296.
3. Harborne, J.B. and Williams, C.A. 2000. Advances in flavonoid research since 1992. *Phytochemistry* **55**, 481-504
4. Mabry, T., Markham, K.R. and Thomas, M.B. 1971. *The Systematic Identification of Flavonoids*. Springer Verlag, New York, p. 43.
5. Harborne, J.B. 1983. In: *Chemistry and Chemical Taxonomy of the Rutales* (Waterman, P.G. and Grundon, M.F., Eds.), Academic Press, London, Chapter 2, pp. 147-173.
6. Hasan, C.M. 1982. Phytochemical studies on some African Annonaceae. Ph.D. Thesis, University of Strathclyde, U.K., p. 35.
7. Davis, R. 1998. US Patent 5, 708, 591.

**Abbreviations.** Abbreviations are used without periods. Standard abbreviations should be used throughout the manuscript. The preferred forms of some of the more commonly used abbreviations are

mp, bp, °C, K, s, min, h, ml, µl, kg, g, mg, µg, cm, mm, nm, mol, mmol, µmol, ppm, TLC, GC, NMR, MS, UV, and IR.

**Structural drawings.** The quality of the illustrations printed depends on the quality of the originals provided. The pages of the *Dhaka University Journal of Pharmaceutical Sciences* are produced completely electronically. Tracing paper or textured “artist” papers should be avoided. Structures of compounds should be produced with the use of a drawing program such as ChemDraw (according to the format of ACS Document 1996) or ISIS Draw.

**Tables.** These should be numbered consecutively with Arabic numerals and should be grouped at the end of the paper. Each table should be provided with a descriptive heading, which, together with the individual column headings, should make the table as nearly as possible, and self-explanatory.

**Figures.** Figures should be constructed carefully. All illustrations should be numbered as “Figures”, with Arabic numerals. Blocks of chemical structures should not be designated as “Figures”. Each figure must be identified outside the frame of the figure. The figure number (Arabic) and legend must be typed clearly.

**Short communications.** Short communication should not contain any abstract. The list of references should not exceed 10. The presentation of Short Communications should be continuous and paragraphed but should not contain any headings such as Introduction, Results and Discussion, etc.

**Electronic manuscript submission.** The final accepted version of the manuscript should be submitted in electronic form. The disk should accompany the final accepted version of the manuscript and MUST exactly match the final accepted version in hardcopy. Label the disk with the manuscript number and the corresponding author name. Provide the platform, version of software used, and filenames on the Media Description form. It is best to use the fonts “Times New Roman” and

“Symbol”. Tables may be created using a word processor’s text mode or table format feature. The table format feature is preferred. Ensure each data entry is in its own table cell. If the text mode is used, separate columns with a single tab and use a line feed (return) at the end of each row.

**Proofs.** Galley proofs will be sent to the corresponding author, which s/he is requested to correct and return as soon as possible. No new matter be inserted in the text and **no changes be made in the title or author name(s) at the time of proof reading.**

**Declaration.** All authors are requested to sign a declaration that the work described in the manuscript was carried out by them and the contents of the paper have not been published before or submitted elsewhere for publication. When the number of authors/co-authors is more than one, the corresponding author is required to mention the exact contribution of each co-author and also indicate his/her percentage of contribution.

**Corrections.** If errors of consequence are detected in a published paper, the author(s) should send a correction to the Editor for publication as an Addition and Correction.

**Editorial office.** Manuscripts should be submitted in triplicate to the Editor, *Dhaka University Journal of Pharmaceutical Sciences*, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh. The journal also welcomes electronic submissions of manuscripts. Correspondences regarding any submitted or accepted papers and proofs should be directed to the editorial office.

Phone: 9661920-73/8157, 8137; Fax: 880-2-9667222;  
E-mail: dujps\_du@yahoo.com, r.pchem@yahoo.com;  
Web: www.dujps.com