INTRODUCTION

The antibiotic discovery is confined [1], but there is an abundant use of antibiotics not only occur at community [2] but also at the hospital [3,4]. The perspective database (Premier Inc., Charlotte, NC), a voluntary database that captures data from >500 acute-care hospitals from throughout the United States, was used to analyze antibiotic use in women who underwent inpatient or outpatient gynecologic surgery between 2003 and the first quarter of 2010. The database analysis result shows that antibiotics are increasingly being administered to women who underwent gynecologic surgery from 90.0% in 2003 to 90.7% in 2010 (p < 0.001). Among 491,071, who underwent operations for which antibiotics were not recommended, antibiotics were administered to 197,226 (40.2%); among 545,332 women who underwent procedures for which antibiotics were recommended, 87.1% received appropriate antibiotic prophylaxis, 2.3% received non-guideline-recommended antibiotics, and 10.6% received no prophylaxis [5].

Prophylactic antibiotics aim to prevent the incidence of surgical wound infections, reduce the incidence of post-operative morbidity and mortality, inhibit the emergence of normal resistant flora, and reduce the cost of treatment. In general, prophylactic antibiotics in the surgical procedure are not used to sterilize tissues but to suppress the presence of microorganisms until the patient’s immune system can resist the microorganisms present during the surgical procedure [6,7].

The selection of antibiotics used in hospitals is based on the policy or guidelines on the use of antibiotics, diagnostic and therapeutic guidelines, as well as the hospital formulary. Therefore, each hospital has a different policy with regard to the use of antibiotics, since the principle of antibiotic selection is based on the conditions in each hospital, including the fitness of antibiotics with local bacterial sensitivity in the hospital, as well as the cost-effectiveness of the antibiotics used. The benefit of the administration of prophylactic antibiotics for curettage procedure remains unclear and controversial. Some studies suggest that antibiotic prophylaxis in curettage is ineffective while others found that antibiotic prophylaxis in curettage is effective in reducing the occurrence of infection.

An infection that can potentially occur in curettage is a pelvic inflammatory disease (PID), an infection of the upper female reproductive system that is related to endometritis, salpingitis, and pelvic peritonitis. PID can lead to more serious reproductive disabilities, including infertility, ectopic pregnancy, and chronic pelvic pain [8-10].

Research evidence on the effectiveness of prophylactic antibiotics on curettage has been limited and controversial [6,7,9]. The justification to use antibiotic is because the curettage procedure performs transvaginally, and the patients had a risk of infection by pathogens in the lower genital tract [11]. One research which supports not giving antibiotic prophylactics for the curettage procedure is a prospective study by Al-Ghoweri et al. conducted at King Hussein Medical Center, in Amman, Jordan, showing that the PID incidence was 9.5% in Group I (prophylactic antibiotics were administered) and 10.14% in Group II (prophylactic antibiotics were not administered), for which this difference was not statistically significant [12]. Whereas, research which shows the benefit of antibiotic prophylaxis in curettage procedure includes a study which found a significant reduction in post-operative PID in low-risk patients, who were applying for legal first-trimester abortion and treated pre-operatively with ceftriaxone [13]. In a systematic review, the author concludes that antibiotic prophylaxis may be beneficial in the first-trimester suction curettage [14].

This research aimed to compare the incidence of PID between several regimens of antibiotics administered in patients with curettage procedure.

METHODS

The study was conducted at a private secondary care hospital with 50 beds, PKU Muhamadiyah Hospital, Jalan K.H.M Mansyur 180-182, in Surabaya, Indonesia. From May 2015 to July 2016, there were 60 subjects who met study criteria and were classified into three groups.
(i) Group A was a group of patients who received 1 × 2 g of prophylactic antibiotic cefazolin injection and 3 × 500 mg of post-antibiotic amoxicillin, (ii) Group B was a group of patients who received 1 × 2 g of prophylactic antibiotic cefazolin injection without post-antibiotics, and (iii) Group C was a group of patients who did not receive prophylactic antibiotics but received 3 × 500 mg of post-antibiotic amoxicillin. After 5-days follow-up, PID symptoms were identified by observation of the occurrence of leucocyte >10,500 mm³, erythrocyte sedimentation rate (ESR) >15 mm/L, lower abdominal pain, temperature >38°C, changes in vaginal fluid characteristics including odor and consistency in vaginal discharge, and bleeding outside the menstrual cycle (irregular bleeding). The pain levels were measured with a numerical pain rating scale (NPRS). NPRS is a pain measurement in the form of a straight line scale consisting of number scores of 0–10: 0–3 is a mild pain, 4–7 is a moderate pain, and 8–10 is a severe pain. Vaginal discharge and bleeding were categorized as 1 - none, 2 - a few, and 3 - approximately twice less from number 2.

One-way ANOVA or non-parametric Kruskal–Wallis tests were used to analyze the data’s distribution and significance statistically.

RESULTS AND DISCUSSION

Curettage is the most common service done in PKU Muhammadiyah Hospital, and on average, there are 15 patients per month with various indications, either based on diagnostic indications, such as irregular menstrual bleeding, severe menstrual bleeding, and postmenopausal bleeding, or therapeutic indications, such as endometrial hyperplasia, endometrial polyps, stem submucosal myomas, residual conception products after abortion, and failed abortions. PKU Muhammadiyah Hospital does not have any antibiotic guidelines for the curettage procedure, even though antibiotics are always given to the patient. This study showed that the patients’ characteristics were similar. The average age was 32 years in Group A, 30 years in Group B, and 35 years in Group C. There were several patient curettage indications (Table 1).

The occurrence of the PID symptoms between groups was similar, except pain (Table 2). The mean NPRS Group A was 1.5 (group A), Group B was 1.75, and Group C was 1.05 (p=0.03). The mean NPRS between Groups A and B was 0.45, indicating a difference of 0.45 with an increasing tendency in Group A (since the value was positive). The mean NPRS between Groups A and B was 0.25, indicating a difference of 0.25 with an increasing tendency in Group B (since the value was negative). The NPRS mean difference between Groups A and B was 0.7, indicating a difference of 0.7 with an increasing tendency in Group B (since the value was positive). Unlike a study at Bengaluru [17], this study shows that there are no significant differences in any PID symptom except pain between antibiotic strategies. This result confirms a previous study which showed that there was no significant difference found between high-risk patients treated with ceftriaxone or ampicillin/pivampicillin and metronidazole [13]. In addition, a systematic review concluded that the antibiotic prophylaxis effectiveness is similar between several antibiotic regimens [18].

Although rare, it is possible to develop multivalvular, right-sided endocarditis [19,20] or endogenous candida endocarditis [21]. Consideration to give antibiotic prophylaxis is for the patient which have the endocarditis or endocarditis risk. In general, the antibiotic is not effective to prevent PID after curettage [22,23]. A study in 67 women, 1 month after an endometrial curettage, showed no significant difference found between high-risk patients treated with ceftriaxone or ampicillin/pivampicillin and metronidazole [13]. In addition, a systematic review concluded that the antibiotic prophylaxis effectiveness is similar between several antibiotic regimens [18].

| Group A (%) | Group B (%) | Group C (%) |
|---|---|---|
| Age (Years) | | |
| 17–22 | 4 (20) | 8 (40) | 5 (25) |
| 23–28 | 10 (50) | 4 (20) | 7 (35) |
| 29–34 | 4 (20) | 5 (25) | 3 (15) |
| 35–40 | 1 (5) | 2 (10) | 3 (15) |
| 41–46 | 1 (5) | 1 (5) | 1 (5) |
| 47–52 | 0 (0) | 0 (0) | 1 (5) |

Table 2: Patient characteristics

### Leukocyte

<10,500 mm³ | 2 (10) | 0 (0) | 0 (0) |

### Erythrocyte sedimentation rate

>15 mm/L | 7 (35) | 11 (55) | 14 (70) |

### Abdominal pain (NPRS 1–10)

1–3 | 12 (60) | 9 (45) | 19 (95) |
| 4–7 | 6 (30) | 7 (35) | 1 (5) |
| 8–10 | 2 (10) | 4 (20) | 0 (0) |

### Temperature >38°C

0 (0) | 0 (0) | 0 (0) |

Table 2: Pelvic inflammatory disease symptoms after 5-day follow-up

PUD occurs in four women from intervention group who received doxycycline 200 mg daily for 1 week after the procedure and three women from the control group who did not receive any antibiotic regimen (p>0.05) [24]. Another study with 84 women with uterine curettage showed that only two cases of endometritis were found in the group who were given 0.1 ml of Vitamin B complex intravenously 20 minutes before curettage but none in the group who 1 g of cefoxitin intravenously 20 minutes before curettage (p=0.241) [25].
CONCLUSION

There was no significant difference except pain in the occurrence of PID's symptoms after curettage procedure and there was no difference in improvement of symptoms between the three strategies of antibiotic prophylaxis, pre- and post-curettage procedure.

AUTHORS' CONTRIBUTIONS

All authors contributed equally. All authors read and approved the final manuscript.

CONFLICTS OF INTEREST

All authors have none to declare.

REFERENCES

1. Niranjana ES, Kumar RS, Sudha M, Venkateswaramurthy N. Review on clinically developing antibiotics. Int J Appl Pharm 2018;10:13-8.
2. Herawati F, Hartono ID, Pranajaya D, Narindra IP. Antibiotic use at primary healthcare centers in Surabaya: A surveillance study. Int J Pharm Sci 2017;9:41-4.
3. Muslim Z. Antibiotic prescription to pediatric in hospital Bengkulu, Indonesia: ATC/DDD index. Int J Pharm Sci 2018;10:31-4.
4. Wikanningtyas P, Sigit JI, Sukandar EY. Profile of antibiotic resistance and usage pattern in icu of private hospital in Bandung, Indonesia. Int J Pharm Sci 2015;7:160-2.
5. Wright JD, Hassan K, Ananth CV, et al. Use of guideline-based antibiotic prophylaxis in women undergoing gynecologic surgery. Obstet Gynecol 2013;122:1145-53.
6. American College of Obstetricians and Gynecologists. ACOG practice bulletin no. 120: Use of prophylactic antibiotics in labor and delivery. Obstet Gynecol 2011;117:1472-83.
7. Van Schalkwkyk J, Van Eyk N. Antibiotic prophylaxis in obstetric procedures. J Obstet Gynaecol Can 2010;32:878-84.
8. Brunham RC, Gottlieb SL, Paavonen J. Pelvic inflammatory disease. N Engl J Med 2015;372:2039-48.
9. Thinkhamrop J, Laopaiboon M, Lumbiganon P. Prophylactic antibiotics for transcervical intrauterine procedures. Cochrane Database Syst Rev 2007;18:CD005637.
10. Sweet RL. Treatment strategies for pelvic inflammatory disease. Expert Opin Pharmacother 2009;10:823-37.
11. Lassey AT, Adamu KR, Newman MJ, Opiantah JA. Potential pathogens in the lower genital tract at manual vacuum aspiration for incomplete abortion in Korle Bu Teaching Hospital, Ghana. East Afr Med J 2004;81:398-401.
12. Al-Ghawi A, Jumaan N, Alabneh B, Ayoub SS. Efficacy of post-delivery and curettage antibiotic prophylaxis in women with dysfunctional uterine bleeding in the prevention of pelvic inflammatory disease. J R Med Serv 2007;14:66-8.
13. Henriques CU, Wilken-Jensen C, Thorsen P, Møller BR. A randomised controlled trial of prophylaxis of post-abortal infection: Ceftriaxone versus placebo. Br J Obstet Gynaecol 1994;101:610-4.
14. Morrill MY, Schimpff MO, Ahe B, Carberry C, Margulies RU, White AB, et al. Antibiotic prophylaxis for selected gynecologic surgeries. Int J Gynaecol Obstet 2013;120:10-5.
15. Utomo B. Angka Aborsi dan Aspek Psiko-Sosial di Indonesia: Studi di 10 Kota Besar dan 6 Kabupaten. Jakarta: Pusat Penelitian Kesehatan Universitas Indonesia; 2002. p. 7.
16. Sedgh G, Singh S, Shah IH, Ahman E, Henshaw SK, Bankole A. Induced abortion: Incidence and trends worldwide from 1995 to 2008. Lancet 2012;379:625-32.
17. Mihirkumar B, Ashley S, Nawaz S, Surekha G, Paarakh PM. Assessment of two or more antibiotics regimen in post-operative surgery. Int J Pharm Sci 2017;9:188-91.
18. Low N, Mueller M, Van Vliet HA, Kapp N. Perioperative antibiotics to prevent infection after first-trimester abortion. Cochrane Database Syst Rev 2012;3:CD005217.
19. Jepsson PC, Park A, Chen CC. Multivalvular bacterial endocarditis after suction curettage abortion. Obstet Gynecol 2008;112 2 Pt 2:452-5.
20. McKenzie T, O’Brien K. Case report: Group B streptococcal bacteremia and sarcoiditis after mid-trimester dilation and evacuation. J Perinatol 2009;29:643-5.
21. Chang TS, Chen WC, Chen HS, Lee HW. Endogenous Candida endophthalmitis after two consecutive procedures of suction dilatation and curettage. Chang Gung Med J 2002;25:778-82.
22. Sacks PC, Chaboo JI. Incidence of bacteremia at dilation and curettage. J Reprod Med 1992;37:331-4.
23. Panke CL, Bonilha MM, Loreto MS, Savaris RF. Incidence of uterine post abortion infection at Hospital de Clinicas de Porto Alegre. Is prophylactic antibiotic necessary? Rev Col Bras Cir 2014;41:100-5.
24. Makris N, Iatrakis G, Sakellaropoulos G, Rodolakis A, Michalas S. The role of antibiotics after dilation and curettage in women with metrorrhagia in the prevention of pelvic inflammatory disease. Clin Exp Obstet Gynecol 2000;27:27-8.
25. Titapant V, Cherduchoogiat P. Effectiveness of cefoxitin on preventing endometritis after uterine curettage for spontaneous incomplete abortion: A randomized controlled trial study. J Med Assoc Thai 2012;95:1372-7.
Asian Journal of Pharmaceutical and Clinical Research

Discontinued in Scopus as of 2018

| COUNTRY       | SUBJECT AREA AND CATEGORY                        | PUBLISHER                                      |
|---------------|--------------------------------------------------|-----------------------------------------------|
| India         | Medicine                                         | Asian Journal of Pharmaceutical and Clinical Research |
|               | Pharmacology (medical)                          |                                               |
|               | Pharmacology, Toxicology and Pharmaceutics       |                                               |
|               | Pharmaceutical Science                          |                                               |
|               | Pharmacology                                    |                                               |

| PUBLICATION TYPE | ISSN                | COVERAGE   |
|------------------|---------------------|------------|
| Journals         | 09742441, 24553891  | 2009-2018  |

The Results Are In

https://www.scimagojr.com/journalsearch.php?q=19700174904&tip=sid&clean=0
SCOPE

Information not localized

Join the conversation about this journal

Install & Configure Chrome

Secure your network and endpoints with built-in malware & phis protection.
Asian Journal of Pharmaceutical and Clinical Research

International Journal of IND

56% similarity

International Journal of IND

35% similarity

Indian Drugs IND

30% similarity

Pharmacology ITA

2

---

SJR

Total Documents

Citations per document

External Cites per Doc

Cites per Doc

% International Collaboration

Citable documents

Non-citable documents

Cited documents

Uncited documents

---

https://www.scimagojr.com/journalsearch.php?q=19700174904&tip=sid&clean=0
Metrics based on Scopus® data as of April 2021

Swati Singh 1 month ago

Sir,
Does the Asian Journal of Pharmaceutical and Clinical Research index in Scopus and Elsevier?

Reply

Melanie Ortiz 1 month ago

Dear Swati,
Thank you very much for your comment.
All the metadata have been provided by Scopus /Elsevier in their last update sent to SCImago, including the Coverage's period data. The SJR for 2020 has been released on 17 May 2021. We suggest you consult the Scopus database directly to see the current index status as SJR is a static image of Scopus, which is changing every day.
Best Regards, SCImago Team

Thamara Melo 9 months ago

Dear Scimago Team,
Does the Asian Journal of Pharmaceutical and Clinical Research still coverage by Scopus and Elsevier 2020?

Reply
Melanie Ortiz 9 months ago

Dear Thamara,
Thank you very much for your comment.
All the metadata have been provided by Scopus/Elsevier in their last update sent to Scimago, including the Coverage's period data. The SJR for 2019 was released on 11 June 2020. We suggest you consult the Scopus database directly to see the current index status as SJR is a static image of Scopus, which is changing every day.
Best Regards, SCImago Team

Sagar 11 months ago

Dear sir, every year SJR ranking is updated on june. There is no any update for AJPCR on June 2020. Will there be no update in future??

reply

Melanie Ortiz 11 months ago

Dear Sagar,

Thank you for contacting us. The SJR for 2019 is available just above.

Best Regards, SCImago Team

GAF 1 year ago

Dear journal Editor

Why can't I found my published paper on google scholar search? My paper is published on january 2020 volume 13.

Thanks

reply

Melanie Ortiz 1 year ago

Dear GAF,

thank you for contacting us.
We are sorry to tell you that SCImago Journal & Country Rank is not a journal. SJR is a portal with scientometric indicators of journals indexed in Elsevier/Scopus.
Unfortunately, we cannot help you with your request, we suggest you to contact the journal's editorial staff, so they could inform you more deeply.
Best Regards, SCImago Team
Smitharaj.m  2 years ago

plz let me knw the asian journal of pharmaceutical sciences and clinical research......cums under ugc list

reply

Melanie Ortiz  2 years ago

Dear Sir,
Sorry to tell you that SCImago Journal & Country Rank is not a journal. SJR is a portal with scientometric indicators of journals indexed in Elsevier/Scopus. Unfortunately, we cannot help you with your request, we suggest you to visit the journal's homepage or contact the journal's editorial staff, so they could inform you more deeply.
Best Regards, SCImago Team

Vinendra  2 years ago

What is the impact factor of AJPCR in 2018?
Please share

reply

Melanie Ortiz  2 years ago

Dear Vinendra, SCImago Journal and Country Rank uses Scopus data, our impact indicator is the SJR. Check our web to locate the journal. We suggest you to consult the Journal Citation Report for other indicators (like Impact Factor) with a Web of Science data source. Best Regards, SCImago Team

Ratih  2 years ago

Dear Scimago Team,
Does the Asian Journal of Pharmaceutical and Clinical Research still coverage by Scopus until 2019? Because I have opened the Scopus.com, it mentioned that this journal isn't coverage by scopus anymore. But in SCImago web, it mentions that the coverage is still on going. What's that mean?

reply

Melanie Ortiz  2 years ago

Dear Ratih, thank you very much for your comment. SJR has been updated on June 1, 2019. Each year Scopus provides us an update database and, according to that new information, indicators are calculated. Annual data updating can change journal's information. We're sorry for the inconvenience. Best Regards, SCImago Team
Dear sir, Asian Journal of Pharmaceutical and Clinical Research is still indexed in SCOPUS or discontinued?

reply

Dear Abdullah, thank you very much for your comment, unfortunately we cannot help you with your request. We suggest you to consult the Scopus database directly. Remember that the SJR is a static image of a database (Scopus) which is changing every day. Best regards, SCImago Team

Dear Elena,
Till now, Asian Journal of Pharmaceutical and Clinical Research present in SJR (2009-ongoing)
However, This journal is canceled in scopus source list 2019
I need to konw that this journal is present or cancelled

reply

Dear user, thank you very much for your comment. SJR has been updated on June 1, 2019. Each year Scopus provides us an update database and, according to that new information, indicators are calculated. Unfortunately, we cannot provide data from previous years. We're sorry for the inconvenience. Best Regards, SCImago Team

Does Asian Journal of Pharmaceutical and Clinical Research is a fake journal?

reply

Does AJPCR have impact factor? Thanks

reply

Asian journal of pharmaceutical and clinical research is Elsevier indexed journal?
Elena Corera 3 years ago

Dear Manoj,

thank you for your request, all the journals included in SJR are indexed in Scopus. Elsevier / Scopus is our data provider.

Best Regards,

SCImago Team

Amn 3 years ago

Dear Elena

Do you advice me to publish my paper in which journal:
Indian journal of pharmaceutical sciences or
Asian journal of pharmaceutical and clinical research?
I want a journal powered by scopus now and for the next year.
Thanks

reply

Sangmesh 3 years ago

What is the difference between Simago and scopus

reply

Elena Corera 3 years ago

Dear Sangmesh, Scopus is a bibliographic database of scientific journals, the most comprehensive in the world. SCImago Journal & Country Rank is a platform in which scientometric indicators of journals included in Scopus and countries are displayed. Best Regards, SCImago Team

Ashwani 3 years ago

Is Asian Journal of Pharmaceutical and Clinical Research is a scopus indexed journal?

reply

Elena Corera 3 years ago

Dear Ashwani, all the journals included in the SJR are indexed in Scopus. Elsevier / Scopus is our data provider. Best Regards, SCImago Team
Tamara Amelia 3 years ago
we are beginner and want to publish our observation. We are interesting to publish it in this journal. could you tell us the price to publish in your journal? Thank you

Best regards,
Tamara Amelia
Faculty of Pharmacy
Universitas Indonesia

Bayu Ardiansah 3 years ago
It is currently 100 USD (2018)

Elena Corera 3 years ago
Dear Tamara, we suggest you locate the author’s instructions on the journal’s website.
Best Regards, SCImago Team

Leave a comment

Name

Email
(will not be published)
Asian Journal of Pharmaceutical and Clinical Research

Open Access

Scopus coverage years: from 2009 to 2018
(coverage discontinued in Scopus)

Publisher: Asian Journal of Pharmaceutical and Clinical Research

ISSN: 0974-2441  E-ISSN: 2455-3891

Subject area: Pharmacology, Toxicology and Pharmaceutics: Pharmaceutical Science
Medicine: Pharmacology (medical)

Source type: Journal

CiteScore 2017 = 0.6

CiteScore rank & trend

Pharmacology, Toxicology and Pharmaceutics: Pharmaceutical Science

Category: Pharmacology
Medicine (medical)

Rank: 37th

Percentile: 24th

CiteScore FAQ
About Scopus

Language

Customer Service
Editorial Board

AIPCR is committed to have dynamic and potential advisory-editorial board. Those established in the field can directly send their resume. New people are first needed to serve as referee before being considered member of advisory-editorial board. Email your resume to editor@apcc.com

Editor-in-Chief

Dr. Anurekha Jain  
Dept. of Pharmaceutical Sciences, Jyoti Mahila Vidyapeeth University, Jaipur, Rajasthan  
Email: editor@apcc.com

Associate Editor

Dr. Neeraj Upmanyu  
Institute of Pharmacy & Research Center, Bhopal, MP, India  
Email: drneerajupmanyu@gmail.com

Dr. Vikas Sharma  
Shri Rawatpura Saraswati Institute of Pharmacy, Dalvi, MP, India  
Email: vikassharmef16@gmail.com

Assistant Editor

Dr. Vimal Kumar Jain  
Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat, India  
Email: tognay@gmail.com

Dr. Rupesh Kumar Gauram  
ANNA Institute of Pharmaceutical Sciences, Sagar, MP, India  
Email: drrupeshgauram@gmail.com

Editorial Board Members

- Dr. Debashis Malak  
Suryanarayangan, Tripura West, Aparna, Tripura, India
- Dr. Rashid Mohammed Musleh  
University of Thamar, Yemen
- Dr. Shubhamoy Ghosh  
Dept. of Pathology & Microbiology, Mahesh Bhattacharyya Homoeopathic Medical College & Hospital, Govt. of West Bengal, India
- Mofid Abdul Raad  
Beekar Pharmacy College Affiliated To Jawaharlal Nehru Technological University, Hyderabad, India
- Dr. Amer A. Tapa  
Department of Dental Basic Science, College of Dentistry, Mosul University, Iraq
- Mr. Atul Kabra  
Department of Pharmacy, Manipal Bharti University, Solan (H.P.), India
- Mr. Siddharth Kaushal Tripathi  
Doctoral Research Associate National Center For Natural Products Research, School of Pharmacy, University of Mississippi, USA
- Dr. Brajesh Kumar
  Escuela Politécnica Del Ejército, Sangolquí, Ecuador; Latin America
- Dr. Faman Ahmed Siddiqui
  Faculty of Pharmacy, Federal Urdu University Arts, Science And Technology Karachi, Sindh, Pakistan
- Dr. Dinesh Kumar Vittal
  IITC Department of JNU-University, Guwahati, India
- Dr. Jesse Joel Thathasudi
  Karunya University (Deemed To Be University), Coimbatore, Tamil Nadu, India
- Dr. Kumaras Shinnugam
  Analytical Chemistry, Academic Faculty, (Senior Scale) & International Co-ordinator, Department of Biotechnology, Penyir University, Vellam, Thanjavur-613 403, India
- Dr. Javed Shafiq Raza
  Department of Pharmacognosy, Faculty of Pharmacy, Zaboli University of Medical Sciences, P.O. Box 64615-585 Zabol, Iran
- Dr. Mehran Mohammadi
  Dept. of Pharmacology, CMHIS, IAR
- Dr. P. Thilini Arasu
  Department of Chemistry, Kaleswaram University, Srinivaspur 628190, India
- Ms Vaibhavika Saxena
  Gautam Buddha Technical University Lucknow, India
- Ms Ved Dattatraya Chavan
  Sahyad Technical Education Society’S. S. S. Kashibai Navale College of Pharmacy, Kondhwa-Sawad Road, Kondhwa (B) India
- Dr. Sami Saof El Hali
  Junior Executive - Quality Control At Jamjoom Pharmaceuticals Company Limbejeddah, Saudi Arabia
- Md. Mokkaar Rahman Sarkar
  Faculty of Medicine, University of Malaya, Malaysia
- Dr. Ahmed Hashim Alhasnain Al-Yassh
  Department of Physics, College of Education For Pure Science, University of Babylon, Hilla, Iraq
- Dr. Aria Kumar
  Director & Dean, Faculty of Marine Sciences, Faculty of Marine Sciences, Cas In Marine Biology Cas In Marine Biology, Parangpettal-600502 Parangpettal-600502 Tamil Nadu, India
- Dr. Ashraf Ahmed
  Dept. of Chemistry, Alqam Muslim University, Uttar Pradesh 202001, India
- Dr. S. Deha Korupan
  Dept. of Biotechnology, Bharathiar University, Coimbatore-641046, Tamil Nadu, India
- Dr. Sukhen Sonik
  Department of Pharmaceutical Chemistry, M.M.J. College of Pharmacy, K.J. Doddi, Ramadevara Betta Road, Ramanagara-562159 State- Karnataka India
- Dr. Sheikh Shako
  Department of Psychiatry, Institute of Mental Health And Neurosciences Kashmir (Imans K), Srinagar, India
- Dr. Hao Wu
  Postdoctoral Fellow At Nlg BioPharmaceuticals, Inc, South San Francisco, CA 94080, USA
• Dr. Hao Wu  
Postdoctoral Fellow Al Nisr Bipharmaceuticals, Inc, South San Francisco, CA 94080 USA

• Dr. Fayal Shaskar Joshi  
Assistant Professor Department of Chemical Engineering, Maha Patel School of Technology Management & Engineering (Mumbai Campus), SmtI’S nitnem (Dawned To-Rise-University), India

• Dr. Nagaraj Karavalli  
Assistant Professor Department of Zoology, Pernar University, Salem, Tamilnadu, India

• Dr. Madhu Ball  
Scientist ‘T’ And Joint Director, Institute of Nuclear Medicine And Allied Sciences (INMAS), India

• Prof. Dr. Mamdouh Moawad Ali  
Biochemistry Department, Genetic Engineering And Biotechnology, India

• Dr. Muhannad Hallamrah  
Department of Pharmacy Practice, Ragavendra Institute of Pharmaceutical Education & Research, Riper, India

• Dr. (Mrs.) Neenu Nathani  
Dept. of Swasthavatva And Yoga, Faculty of Ayurveda, Institute of Medical Sciences, Banaras Hindu University, India

• Dr. Rohini Karunakaran  
Unit of Biochemistry, Faculty of Medicine, Aims University Bata 3 1/2, Bukit Ai Nas, Jalan Semling, 08100 Bedong Kedah Darul Aman, Malaysia

• Dr. Irfan Ahmad Khan  
Royal Institute of Medical Sciences Multan, Pakistan

• Dr. Jemendra Gupta  
Spor Timer (Publication Committee ) Regional Head U.P. State, India

• Dr. Kamal A. Badri  
Lecturer of Pharmaceutics And Industrial Pharmacy & Member of Quality Assurance Unit- Faculty of Pharmacy- Delta University For Science And Technology, India

• Mr. Gurpreet Singh  
Department of Pharmaceutical Sciences Guru Nanak Dev University, Amritsar, Punjab (India) 143005

• Dr. Pranav Kumar Prabhakar  
Lovely Faculty of Applied Medical Sciences, Lovely Professional University, Jalandhar-Delhi G.T. Road

• Dr. Raj Mohan Raja Muthiah  
Research Fellow (Harvard Medical School) 172 Holmes Street, Apt 7 Marlborough, MA 01752

• Dr. Sandeep Taneja Chahalnory  
Research Asst. I, Translational Molecular Pathology, Univ Anderson Cancer Center, Life Sciences Plaza, Houston, TX 77030

• Dr. Arijit Naha  
Dept. of Pharmaceutics "Swarna Kuli", Ramgarh Road No.4, Moops, Manipal-576 104, Karnataka, India

• Dr. Tushar Tendulkar Gokhre  
Vice-Principal, Head of Department of Pharmacology And Research Scholar, In Jams Chirik College of Pharmacy & Research, G-4 No. 720(152), Pune, India

• Anandlal Banerjee  
Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare  
Govt of India

• Dr. Vipul Marda  
Lovely Institute of Technology (Pharmacy), Lovely Professional University, Phagwara, Punjab, India

• Dr. Praveen Kumar Sharma  
Department of Chemistry, Lovely Professional University, Punjab (India)-144411

• Smt Prachi Bhatnagar  
CIRC Research Fellow at U.S. FDA

• Dr. Mohd Abdul Nadi  
Department of Pharmaceutics, Drashkar Pharmacy college, Yenkapally (V), Moosabad (U), R.R (Dt), Hyderabad-500 075, Telangana, India

• Tanay Prasnik  
Department of Pharmacy in Lovely Professional University, Punjab, India

• Dr. D. Nagasamy Venkatesh  
Department of Pharmaceutics, JSS College of Pharmacy, Ooty, TN India

Editorial office
Asian Journal of Pharmaceutical and Clinical Research  
B-11, 1st front of Banika Hospital, Neyyi Awadi, Mandsaur 455801, MP  
E-mail: roonto@ajpcr.com
# Table of Contents

## Case Study(s)

- **Combined Use of Video Laryngoscopy and Fiberoptic for Airway Management in a Patient with Fixed Cervical Spine**
  - Allogor, Medal, Ning Huang
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.271697
  - Pages: 1-3 | Share

- **COMBINED TRIMETHOPRIM SULFAMETHOXAZOLE THERAPY OF MRSA AND ESBL PRODUCING KOLIBRIACEAE IN A RENAL TRANSPLANT PATIENT: A CASE REPORT.**
  - K. Shreevatsa, P. Srinivasan, S. Karthick
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.271698
  - Pages: 1-5 | Share

## Review Article(s)

- **NATURAL BIOACTIVE MATERIALS FOR SKIN TISSUE ENGINEERING: REPAIR AND REGENERATION - A SHORT REVIEW**
  - Pandurangan L, Sivakumar S, V. Prada P
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.25943
  - Pages: 16-20 | Share

- **STUDY OF PREGNANCY COMPLICATIONS IN PREGNANCY WITH PREVIOUS PREGNANCY LOSS**
  - Anjali, K. Priya, D. Sreeja, P. Vaishnavi
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27154
  - Pages: 21-28 | Share

- **A REVIEW ON IN VITRO AND IN VIVO EXPERIMENTAL MODELS TO INVESTIGATE THE ANTI-INFLAMMATORY ACTIVITY OF HERBAL EXTRACTS**
  - Irshad Khatun, Meenata Amin
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27157
  - Pages: 29-35 | Share

- **HERBAL CONTRACEPTIVES: EVALUATION OF ANTI-ARTERIAL POTENTIAL OF HISBISCUS ROSEA SIEB & ZUSSM. EX LLN**
  - Kshitiya Bajal Chaudhary, Tapatih Nautiyal
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27151
  - Pages: 36-41 | Share

- **PHYSIC ACID (PYRUVIC ACID) A PROMISING PHARMACEUTICAL AGENT: A REVIEW**
  - Nathakumar Nair, Jayaprakash, Mohan Kumar, Gopal R, Eashwar
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27143
  - Pages: 42-46 | Share

- **MANAGEMENT OF RHEUMATOID ARTHRITIS: SPECIAL CONSIDERATION FOR BIOLOGIC DISEASE-MODIFYING ANTI-RHEUMATIC DRUGS**
  - Arshad Bhat, Aqib Mirza, Abdul Sattar, Adil Ahmad
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27153
  - Pages: 47-53 | Share

- **DIABETIC NEPHROPATHY: AN INCLUSIVE REVIEW ON CURRENT TREATMENT AND MANAGEMENT APPROACHES**
  - Jyothi S, L Vishal, Geeta N
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27148
  - Pages: 54-61 | Share

- **RECENT ADVANCES IN HYDROGELS FOR BIOMEDICAL APPLICATIONS**
  - Surendra Das, Vivek Kumar, Rim Tushar, Leonie Singh, Sunitibhushan Singh
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27121
  - Pages: 62-68 | Share

- **TANNSAC ACIDA: A REVIEW OF ITS MEDICINAL USES AND PHOTOCHEMISTRY AND PHARMACOLOGICAL PROPERTIES**
  - Afzal Mary
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27113
  - Pages: 69-74 | Share

- **HETEROMORPHA BIBERIENSIS: A REVIEW OF ITS BOTANY, MEDICINAL USES, AND PHARMACOLOGICAL PROPERTIES**
  - Afzal Mary
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27103
  - Pages: 75-82 | Share

- **ALLERGIC MANIFESTATIONS OF PRIMARY IMMUNE DEFICIENCY DISEASES AND ITS TREATMENT APPROACHES**
  - Osvaldo Breyankut
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27106
  - Pages: 83-90 | Share

- **DURANTA REPENS LUM. (VERBENACEAE): A COMPREHENSIVE REVIEW OF PHARMACOLOGIC, ETHNO-MEDICINAL, PHARMACOLOGICAL, AND PHOTOCHEMICAL ASPECTS**
  - Ashwani Y Run
  - Abstract | View PDF | Download PDF | DOI: 10.22159/gjas.2018.27105
  - Pages: 91-96 | Share
Original Articles

COMPARISON BETWEEN MODIFIED DRSITY: LOW BACK PAIN DISABILITY QUESTIONNAIRE AND ASSESSMENT LOW BACK PAIN SCALE TAKING LOW BACK-SPECIFIC VERSION OF THE SF-36 PHYSICAL FUNCTIONAL SCALE AS A GOLD STANDARD IN PATIENTS WITHLOW BACK PAIN

Chawla Sandeep, Muralidhar M. Mushaliker
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27893
Pages: 97-99 | Share ▶ ▶ ▶ ▶

PREVALENCE OF OBSTRUCTIVE SLEEP APNEA IN AN INDIAN POPULATION USING STOPBANG QUESTIONNAIRE

Dipak Pathak, Rajkumar N., Ramesh Babu. Suresh Parveen
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27858
Pages: 160-163 | Share ▶ ▶ ▶ ▶

NASAL COLONIZATION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS AMONG CLINICAL POSTGRADUATES IN A COASTAL KARNATAKA MEDICAL COLLEGE: PREVALENCE AND ANTIBIOTIC PATTERN

Ishtha Junque, Ashish Hegde, Prashant Rai, Radhakrishna M
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27713
Pages: 144-152 | Share ▶ ▶ ▶ ▶

CLINICAL FEATURES AND ANTIMICROBIAL SUSCEPTIBILITIES OF ELIZABETHINGIA MENISCEPECTICA: AN EMERGING PATHOGEN FROM A TERTIARY CARE HOSPITAL IN MANGALORE

Vamshi Venkatesh, Ashish Hegde, Raghunath U
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27789
Pages: 115-117 | Share ▶ ▶ ▶ ▶

MOLECULAR DICKING ANALYSIS OF THIRTEEN COMPOUNDS AS MODULATOR OF KIDNEYS TRAMATAM RECEPTOR

Radhakrishna Nanjakkannan, Merry Halu
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27682
Pages: 114-117 | Share ▶ ▶ ▶ ▶

ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF ATOMoxetine HYDROCHLORIDE USING RAPID HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC TECHNIQUE

Zubair Mirza, Vidyasagar N., Sameer K
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27204
Pages: 116-123 | Share ▶ ▶ ▶ ▶

PREVALENCE AND SEVERITY OF POSSIBLE DRUG-DRUG INTERACTIONS AMONG THE DERMATIC PATIENTS AT AN IND TERTIARY CARE TEACHING HOSPITAL

Hasan Srijala, Swetha Kumar S., Devendra N. Karthika Ravindra Paddy
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27173
Pages: 121-125 | Share ▶ ▶ ▶ ▶

EVALUATION OF USE OF ANALGESICS IN PSYCHIATRIC MANAGEMENT AMONG PATIENTS IN A TERTIARY CARE HOSPITAL

Jayaprane Ravane, Kalpana Dada, Yannita Ingale, Vijaya Pandi
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27468
Pages: 124-130 | Share ▶ ▶ ▶ ▶

EVALUATION OF ANTIFUNGAL POTENTIAL OF ALLEM ANGELIOPHAGUS AGAINST FUNGAL PHYTOPATHOGENS

Shail K, Amarendra K., Rasta Raj Sharma
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27483
Pages: 128-133 | Share ▶ ▶ ▶ ▶

NONANTIBIOTICS ENHANCE THE ANTIBACTERIAL ACTIVITY OF CETIRIZINE AGAINST METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS

Ashish Bhattacharya, Rushikesh Kumbhary
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.25035
Pages: 134-138 | Share ▶ ▶ ▶ ▶

A COST OF ILLNESS STUDY OF TYPE 2 DIABETES MELLITUS IN MANGALORE, KAMARATIKA, INDIA

Unni Abdul, Sailakshmi Abdul
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27988
Pages: 138-145 | Share ▶ ▶ ▶ ▶

VARIATION IN THE SIZE OF ABDOMINAL AORTA MEASURED ON COMPUTED TOMOGRAPHY

Dendi Sharma, Vaishali S
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27953
Pages: 146-148 | Share ▶ ▶ ▶ ▶

ANALYTICAL METHOD DEVELOPMENT FOR THE ESTIMATION OF DARUNAVIR BY DIACETIZATION AND COUPLING BY VISIBLE SPECTROPHOTOMETRY

Vijayalakshmi R., Anjani D., Sriramamurthy M., Channappa M. D
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27900
Pages: 149-152 | Share ▶ ▶ ▶ ▶

EVALUATION OF FREE MEDICAL SERVICES PROVIDING ACTIVITY OF AMAZIA PUDICIA THORNS

Lechimma R., Akivend D
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27428
Pages: 153-156 | Share ▶ ▶ ▶ ▶

DESIGN AND CHARACTERIZATION OF MICROJET INJECTOR FOR TRANSDERMAL DRUG DELIVERY SYSTEM OF DUCLIGET HYDROCHLORIDE

Karthika Tal, Ganesh Duttaray
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27952
Pages: 157-161 | Share ▶ ▶ ▶ ▶

EVALUATION OF NEUROPHARMACOLOGICAL ACTIVITY OF MEDICINAL PLANT

Gajyasa Sivam R., Jatigas Anjar
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27905
Pages: 162-165 | Share ▶ ▶ ▶ ▶

ANTIOXIDANT ACTIVITY OF COMBINED ULINGIC ACID

Lalitkumar B., Subramanian H., Sathyasivam Mury K
Abstract: View PDF ▶ Download PDF ▶ DOI: 10.22166/mjps.2018.v11i1.27960
Pages: 169-173 | Share ▶ ▶ ▶ ▶
SERUM HOMOCYSTEINE AS A RISK FACTOR FOR STROKE: A PROSPECTIVE STUDY FROM A RURAL TERTIARY CARE CENTRE
Vishwajeet Gupta, Sanjeev Jaiswal, Udit Nayar, Surya Datta Gupta, Ruchi Sharma, Awanik Singh
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37955
Pages: 174-177 | Share | 

BIOLOGICAL ACTIVITIES OF ALTERNARIA SPP: RL4 – A POTENT ENDOPHYTE ASSOCIATED WITH RAYOVULTA SERPENTINA L. BERTH.
Manoj Singh, Soma Baman, Parvan Kumar Jha, Rangar C Mandal
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37950
Pages: 178-182 | Share | 

MORTALITY PREVENTION IN SEPTIC MICE WITH MULTIPLE ORGAN DYSFUNCTION SYNDROME: THE OPTIMAL DOSE OF INTRAPERITONEAL HEAT SHOCK PROTEIN 51
Igl Guatam, Kamal Pandey, Anwar Multigi, Succoo Suront, Sharmila Murti, H. V. V. Varunaguru
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37773
Pages: 183-185 | Share | 

EFFECT OF RUTIN AGAINST HOMOCYSTEINEMIA AND ALCOHOL-INDUCED ALTERATIONS IN HEMATOLOGIC VARIABLES OF RATS
Hemavathi Kumar Chandras, Gita Mathur, Nita Salu, Samirati Kumar Holna, Monika Bhadra
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37858
Pages: 186-191 | Share | 

FORMULATION AND EVALUATION OF URICOSURIC HYDROCHLORIDE CHEWABLE TABLET
Harshada Arli Havan, Atish Dev, Sathishkumar Chal
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37867
Pages: 190-194 | Share | 

EPIDEMIC OF ORMELPENE IN MANAGEMENT OF DYSFUNCTIONAL UTERINE BLEEDING
Umaa Senan, Saravang Dasmah, Aswin Mahad, Uma Broada, Atish Shenday
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37885
Pages: 195-197 | Share | 

A PROTOCOL TO DEVELOP A MODEL ON THE DETERMINANTS OF ACQUISITION TO HIV TREATMENT: A PATHOLOGICAL STUDY OF INDONESIA
Dyai Aji Ayakad, Shattam Mitti
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37881
Pages: 198-203 | Share | 

ESTIMATION OF DURULITE AND ZINC IN DURULITE USING REVERSED PHASE HPLCCHROMATOGRAPHY
Khari O Darwi, Naja Y Vyas, Rasha O Naeel, Naman A Ramad
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37894
Pages: 204-208 | Share | 

EQUADORIAN QUINOA (CHENOPODIACEAE) QUINOA (WAXY) PATTY ACIDS PROFILE
Aibra J. Silva M. A. Arana M. Quintero M. P. Noriega D. Carrillo W
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37909
Pages: 209-211 | Share | 

HEAVY METAL-INDUCED INHIBITION OF ENZYMATIC ACTIVITY IN HEN EGG WHITE LYSOZYME
Michael Poonia, Silvia Ravee, Shikha Jain, Akhila L. Lax, Camilo Usman
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37925
Pages: 212-217 | Share | 

YELLOW RHYTA (CYINDROBACTERIAL) PATTY ACIDS COMPOSITION FROM EQUADORIAN AMASONIA
Aibra J. Silva M. A. Arana M. Quintero M. P. Noriega D. Carrillo W
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37922
Pages: 218-221 | Share | 

DESIGN AND CHARACTERISATION OF DIUROOXAZINE FLOATING BIOADHESIVE DRUG DELIVERY SYSTEM
Martha Kurup Pal, Geetha Coshmall
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37933
Pages: 222-226 | Share | 

ANTIOXIDANT STUDIES OF DREI (AYURVEDIC MEDICINE) ASHAWAGANDHIHATHA
Kuznetsov V. M. Vitaliuiy R. Khons R. Proshet K. Siva Kumar, Bapna SK
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37960
Pages: 227-231 | Share | 

EVALUATION AND CHARACTERISATION OF BIOACTIVE COMPOUND OF RAMIE PLANTS BY THE GC-MS SPECTROSCOPY
Jena Dave, Sreeda Taneja, Disha Manghan
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.37677
Pages: 232-235 | Share | 

FIRST REPORT ON FIBRINOGENIC AND THROMBINOGENIC ACTIVITY OF EUTHYPHIS (WAMAH) AN EARTHWORM SPECIES COLLECTED FROM TRIPURA, NORTHEAST INDIA
Rahul M. Dey, Sreejuuth Udachh, Sreemba Gang, Annam Kumar Sil
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.27720
Pages: 236-239 | Share | 

ANTICANCER CYTOTOXIC EFFECT OF TANARIPHAYLLA, AND ANTIBACTERIAL SCREENING EFFICIENCY AGAINST MULTIDRUG-RESISTANT HUMAN PATHOGENS
Sarad M. A. Solai
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.27393
Pages: 241-244 | Share | 

EFFECT OF CULTURAL CONDITION ON EVALUATION OF HEPATOPROTECTIVE ACTIVITY OF METHYL TYPHAEUS EXTRACT OF ANDROECIUM LATIFOLIA ON ETHANOLOM-HINTOXICATED RATS
Fazeh Besh, Shalakshay K. Ashir Das, Suresh Tivel
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.27851
Pages: 247-252 | Share | 

ANTIFIBROLITIC EFFECT OF NAPROXEN AGAINST ANTITUBERCULAR DRUGS-INDUCED ALTERATIONS IN HEMATOLOGICAL PARAMETERS OF RATS
Nikia Salu, Gra Mohs, Hemakshy Kumar Ghadia, Samirati Kumar Holna, Monika Bhadra
Abstract | View PDF | Download PDF | DOI: 10.22159/ijcsms.2016.v6i11.27903
Pages: 253-255 | Share | 

THE EXTRACT SOYBEAN OF LOCAL VARIETIES AS REDUCE ADVANCED GLYCYATION END PRODUCTS AND HEMOGLOBIN A1C IN TYPE 2 DIABETES MICO
Juliana Chiratangesh, Mudiyadath Thadiparambil, Supriya Supriya
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2013
Pages: 333-336 | Share

POSADUSAM POLYCHROM MEDIKAL EXTRACT AFFECTS THE NUCLEAR FACTOR BETA AND INTERLEUKIN-6 EXPRESSION IN STREPTOZOTOCIN-INDUCED DIABETES RATS
Muhammed Praveen, Annu Chintham
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2760
Pages: 237-239 | Share

AN OBSERVATIONAL STUDY OF MEDICATION ERRORS AMONG PSYCHIATRIC PATIENTS IN A TERTIARY CARE HOSPITAL
Reeti Joshi, Priyanka K. Jasa, Nihal Kamboj, Sanjiv Kumar R., Santakumar R.
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2761
Pages: 340-343 | Share

THE ROLE OF SULFINY AND PAK'S KINASE AGAINST ENHANCEMENT OF PANCREATIC BETA-CELL APOPTOSIS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS
E. A. Devulapalli, Arvind Shinde, Sapthali Srinivasula, Sanjeev Kakare, Dharmaraj Ilayarthi
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2762
Pages: 344-347 | Share

A COST-EFFECTIVE ANALYSIS OF TOFRIPAMIL WITH FORMOTEROL AND BUDERONIDE WITH FORMOTEROL BASED ON EFFICACY AND QUALITY OF LIFE IN ONGOING INFLAMMATORY PULMONARY DISEASE PATIENTS
Kamalnath Gande, Vishnu Birajbar, Kaushalya Baruah, Himanshu Sharmi, K. Kukkappa
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2763
Pages: 565-571 | Share

EVALUATION OF IN VITRO MULTIORDONATOR ACTIVITY OF AQUOUS AND ETHANOLIC EXTRACT OF EUPHORIA HUD LINDL.
Venkatesh Kumar, Devi Purushothaman, Pulul
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2764
Pages: 592-596 | Share

HYPOGLYCEMIC AND HYLPOGLYCEMIC EFFECTS OF ETHANOL ROOT EXTRACT OF CLERODENDRUM PHILEMORIS IN ALLOXAN-INDUCED DIABETIC RATS
Murali Dinesh Shantakumar, Govind Raghavendra
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2765
Pages: 597-598 | Share

SYNTHESIS, SPECTRAL, AND PHARMACOLOGICAL EVALUATION OF 3 AND 5 SUBSTITUTED 2-4-THIADIZONE DERIVATIVES
Narayani Singh, S. R. Ashok, Deepak Dixit, Anandita Kumar, Medhu Sharma, Sangeeta Kausik
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2766
Pages: 363-367 | Share

PROTECTIVE EFFECT OF KAUKILLAA MAITRAHARI (TERRINULLA OMBULA-BASED POLYMERB) SODIUM FORMULATION IN ETHANOL-INDUCED LIVER DISEASE IN RATS
Margaret Shalini, Shreyo Shashik, Vasudeva Devi, Nithya Kumar, Avinash Ravishankar, Hari Shreyo, K. Pavithra
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2767
Pages: 368-371 | Share

PHOTOCHEMICAL SCREENING, ANTIOXIDANT ACTIVITY AND EXTRACTION OF ACTIVE COMPOUND (ANTHOCYANIN) FROM FRUIT PEEL EXTRACT OF ANNONA RETILOCA LI.
Sumathi Chitra, Vandana Solar
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2768
Pages: 372-377 | Share

STREPTOZOTOCIN-INDUCED OXIDATIVE STRESS IN DIABETIC RATS - A DEFENSIVE EFFECT OF PSYDRYX DISCOSSIS
Ravi Kumar V, Sathyarayi R P
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2769
Pages: 378-381 | Share

EVALUATION OF SUBORDONIC TOXICITY OF LACTOBACILLUS PARACASEI H93 PERMITTED MORENA CTRIPHOSIA (MOR) FRUIT JUICE
Chandrasekar Chalapathy, Pragavathy Ranganath, Rajan
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2770
Pages: 381-384 | Share

ASSOCIATION OF ANTICYCLO CITRULLINATED PEPTIDE ANTIBODY IN A SAMPLE OF ADULT PATIENTS WITH PSORIASIS AND PSORIATIC ARTHRITIS
Khatod Alleet, Zeenab A. Almas, Asma Saeed Ghandi
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2771
Pages: 385-388 | Share

INFLUENCE OF PREDIY LEAF (AURARIA VULCARE, KUTH) EXTRACT ON THE BLOOD GLUCOSE RATE AND HISTOLOGIC DESCRIPTION OF THE RETINA OF MALE MICE (AUD MUSCULUS STRAIN (DZ))
Adulatun Awe Ayes, Salama Hakeem, Sanihah Shateh
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2772
Pages: 389-392 | Share

CURCUMIN PROTECTION AGAINST CADMIUM-INDUCED OXIDATIVE STRESS IN PANCREAS OF TYPES ALBERT ANDR MICE
Sumit Sharma, Anu Arora
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2773
Pages: 393-397 | Share

ANTHOCYANIN ACTIVITY OF NEISSERIA FRANCOIS PRATUMANUS
Sangita K, Swati S, Bhupendra S, Bajub M, Himanshu A, Pragya P
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2784
Pages: 398-400 | Share

INVESTIGATING THE EFFECT OF DIFFERENT GRADES AND CONCENTRATION OF PH-SENSITIVE POLYMER ON PREPARATION AND CHARACTERIZATION OF LODOGARIN HYALURONIC ACID IN INTRAVENOUS BUCAL SPRAY
Jahan Yaseen, Guler M. S., Akhtar Cheek, Xanmam Akhuma
Abstract | View PDF | Download PDF | DOI: 10.22209/ajpgi.2016.v11i1.2785
Pages: 401-407 | Share
| Title                                                                 | Authors                                                                 | Pages       | Abstract/PDF/DOI                                                                 |
|---------------------------------------------------------------------|-------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------|
| PHOTOCHEMICAL INVESTIGATION OF LEAVES AND SEEDS OF CONCHORUS LUTIORUS L. CULTIVATED IN IRAQ | Heydar T Hakan, Ezat Jajabo                                                  | 403-417     | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.2403) |
| PHOTOCHEMICALS DETECTION, ANTIoxidANT AND ANTIMICROBIAL ACTIVITY STUDY ON BERRIES OF SOLANUM TORVUM | Ali Chetel V, Uma Poonen T Naugade Poommal S, Nithyan S | 418-423 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.2407) |
| BIOASSAY-GUIDED ISOLATION OF THE MAJOR COMPOUND WITH ANTIOXIDANT ACTIVITY FROM THE ALGERIAN MEDICINAL PLANT SUBERINUM ORNITRIBUTS | Raja Mesnaoui, Abdelghafar Cherif, Youssef Buamrah | 424-426 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.2407) |
| EVALUATION OF ANTIBIOTICS UTILIZATION ON PEDIATRIC OUTPATIENTS IN UNIVERSITAS SUMATERA UTARA HOSPITAL, MEDAN | Erman Innaliazam, Rosmedina Merdini | 427-429 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.2404) |
| HYDROGEN PEROXIDE LEVELS CORRELATE WITH SUPEROXIDE DISMUTASE IN IRAQI WOMEN WITH PREGNANCY-INDUCED HYPERTENSION | Saj Nahid Began, Ume A Dikko, Santa A Ekene | 430-432 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24032) |
| ANTI-HYPERTENSIVE EFFECTS TEST OF DATE PALM FRUIT EXTRACT (PHOENIX DACTYLIFER A) IN FEMALE MICE (MUS MUSCULUS) COMPARED WITH PROPRANOLOL | Dovani Dikatah, Amebhy R A, Aggari, Sunda Dikatah, Bonystry Oktomala P, Novela Nonoata | 433-436 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.2406) |
| FORMULATION AND EVALUATION OF LIQUID ORAL SUSPENSION OF PHARMACOASIS ANGUS AREA ISOLATED AND CHARACTERIZING HYTROPHIUS SPINOSUS SEED MOLAR AS SUSPENDING AGENT | Ayoju SSS, Inoue Fumio, | 437-444 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24035) |
| ISOLATION AND CHARACTERIZATION OF S-GIOTERO-1, FROM ELEAGNUS ANGUISTIFOLIA CULTIVATED IN IRAQ | Nael A Zeed, Ibrahim S Jzada, Ezz J Jkabo | 442-446 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24033) |
| ANTIBACTERIAL ACTIVITY OF AKAR KUNING (ARCANGELOSA FLAVA) SECONDARY METABOLITES: MOLECULAR DOCKING APPROACH | Mohammad Pakzani Nafzari, Soroush S, Erol Motayam | 447-445 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24019) |
| THE HEMOSTATIC ACTIVITY OF BIS (2-AMINOETHYL SULFONATE) CALCICUM | Konstantin O Gravacho, Aleksandri L Uraes, Linna X Bashnova, Aleksandri V Samodova, Peter P Purygo, Vladimir A Yemovoski, Aliya S Dzhoubinova, Natalia A Banderova | 452-455 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24048) |
| ELECTROLYTE DISTURBANCE IN HEMORRHAGIC AND NON-HEMORRHAGIC STROKE PATIENTS IN AL-DIMAYTAN TEACHING HOSPITAL | Asaad Rokham Hassan, Takaah Aki Akyano | 458-465 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.240173) |
| DESCRIPTION OF TESTIS HISTOLOGY OF MUS MUSCULUS AFTER GIVING NANO-HERAIS RHODEMUS IUS TOMBOSITA (HARMATONE) | Parsh Dhahikey Shumrain, Efebuddin伊夜 | 467-471 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.2406) |
| BIOACTIVE MARINE-DERIVED COMPOUNDS AS POTENTIAL ANTIcANCER CANDIDATES | Mona S Dzipley, Hanaa H Ahmet | 484-486 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24064) |
| EVALUATION OF OSTEOARTHRITIS IN PATIENTS WITH GOUTA-TALASSSAEMA MAJOR USING DIFFERENT IRON-HEMETATION THERAPIES | Ali Jalal Shraehil, Ahmed Hameed Jawad, Odha Marzoq Ayad, Heydar Ahmad Fawzi | 495-503 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24016) |
| NORMALITY TESTING BLOOD SUGAR LEVELS AND MEDICATION ADHERENCE IMPROVE THE QUALITY OF LIFE OF TYPE 2 DIABETES MELLITUS PATIENTS IN PRIMARY HEALTH FACILITIES | Titik Hozy, Bhk Hur Fatnun, Shily Isomanar | 507-513 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24065) |
| DISPENDING ERRORS OBSERVED BY COMMUNITY PHARMACY DISPENSERS IN IBB - YEMEN | "Yaoe Mohammed Harezi" | 527-527 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24066) |
| THE EPIDEMIC OF 200 MICE/SKIN-HAET SHOCK PROTEIN-1 IN REDUCTION OF CYT C, BAX AND CASPASE 3 EXPRESSION, AND MORTALITY IN MICE MODEL WITH MULTIPLE ORGAN DYSFUNCTION SYNDROME | (Ji Sakar), Saeed Sanei, Ammar Malik, Beranger Povaro | 520-544 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24041) |
| THE STATUS OF HAIR MINERALS IN CHRONIC FATIGUE AND DEPRESSED WOMEN | Minoo H Jonig | 545-550 | [Abstract](https://example.com) [PDF](https://example.com) [DOI: 10.22158/agro.2016.v119I.24035) |
Asian Journal of Pharmaceutical and Clinical Research

Discontinued in Scopus as of 2018

**Country**
- India

**Subject Area and Category**
- Medicine
- Pharmacology (medical)
- Pharmacology, Toxicology and Pharmacuetics
- Pharmaceutical Science
- Pharmacology

**Publisher**
- Asian Journal of Pharmaceutical and Clinical Research

**H-index**
- 37

**Publication Type**
- Journals

**ISSN**
- 0974248T, 24553891

**Coverage**
- 2009-2018

**Scope**
- Information not localized

Join the conversation about this journal