GUIDELINES FOR 12th iMPaCHS SYMPOSIUM 2019

1. **e-POSTER GUIDELINES**

   1. An electronic poster (e-Poster) is a poster in Power-point or PDF format to display on multimedia screen.

   2. The e-poster size: A1 SIZE POSTER (841 mm x 594 mm @ ISO 216). It should be set to this size as length is 841 mm & wide is 594 mm in PORTRAIT orientation.

   3. The e-Poster may include TEXT, TABLES, FIGURES & IMAGES but no Video & Animations required.

2. **POSTER GUIDELINES**

   a. The Poster can be prepare & present in printed form on poster display board.

   b. The poster size: A1 SIZE POSTER (841 mm x 594 mm @ ISO 216). It should be set to this size as length is 841 mm & wide is 594 mm in PORTRAIT orientation.

   c. The Poster may include TEXT, TABLES, FIGURES & IMAGES but no video & animations required.

   d. The structure of Poster & e-Poster are given as under:

   a) Title of research article

   b) Abstract

   c) Introduction

   d) Objectives

   e) Methodology

   f) Results

   g) Discussions

   h) Conclusion

   i) References

   - APA style
e. The SAMPLE of Poster or, e-Poster is given as follow:

**SAMPLE OF POSTER / e-POSTER FOR SYMPOSIUM**

A1 SIZE POSTER (841 mm x 594 mm @ ISO 216) in POTRAIT orientation

**INVESTIGATION OF SUITABLE MATRIX FORMING POLYMERS FOR DESIGNING OF CONTROLLED-RELEASE DRUG FORMULATION**

Sung Yoke Khee*, Jiyauddin Khan, Samer Al-Dhalli, Mohammed Kaleemullah and Sri Budiasih

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**ABSTRACT**

**INTRODUCTION**

**RESULTS**

**DISCUSSIONS**

**OBJECTIVES**

**METHODOLOGY**

**CONCLUSION**

**REFERENCES**
3. **ABSTRACT GUIDELINES**

1. **File Format:**
   - MS Word

2. **Soft Copy:**
   - Soft copy of Abstract must be send to E-mail address

3. **Language:**
   - The content of abstract should be written in English
   - All abstracts MUST be submitted and presented in clear **British English** with accurate grammar and spelling.

4. **Word Limit:**
   - The **Title of research** should not more than 20 words, Capital Letters & Bold
   - The **Abstract of research** should not more than 250 words (**Excluding** title, authors name and affiliations plus keywords)

5. **Type face and font size:**
   - Font type is Times New Roman (TNR),
   - Font size is 12

6. **Line Spacing:**
   - Single line

**The structure of Abstract is given as under:**

a) **Title of research article**
   - Name of authors
   - Institutional address of authors
   - Title of abstract should be concise, descriptive and preferably not exceeding 20 words.

**Note the followings:**

- **Title:** Maximum 20 words, Capital Letters & Bold,
- **Authors Names:** Bold all the authors names,
- **Corresponding author:** Supervisor is a corresponding author which can be recognize by adding **ASTERISK (*)** on his/her name. The E-mail of supervisor should have written.
- **Institutional address of authors:** Make sure you have written all authors institutional address very clearly.

b) **Abstract**
   - Keywords: 3 -to- 5

**Note the followings:**

- The abstract should have written in **ONE PARAGRAPH** having background, aim & objectives, methodology, results, conclusion and **3 to 5** keywords etc.
The SAMPLE of Abstract is given as follow:

ABSTRACT SAMPLE EXAMPLE (Single affiliations)

DEVELOPMENT AND EVALUATION OF DICLOFENAC SODIUM SUSTAINED RELEASE MATRIX TABLET USING MANGIFERA INDICA (MANGO) PEEL PECTIN

Previnkumar Sundram, Jiyauddin Khan*, Mohammed Kaleemullah, Samer Al-Dhalli, Sri Budiasih, Rasha Saad, May Florence, Mohamed Rasny, Shariq Baber, Ibrahim Abdullah, Fadli Asmani and Eddy Yusuf

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ABSTRACT

Background & Aims: The plant-based materials are favored as they are economical, environment-friendly, biodegradable, bio-compatible and has lesser side effects. The formulation of a sustained release matrix tablet was done by incorporating pectin as natural polymer extracted from Mangifera Indica peels and HPMC (K100M) as synthetic polymer were used to develop the sustained release matrix formulation.

Materials & Methods: Direct compression method to formulate tablets and the natural polymer was extracted using maceration technique. The compressed SR tablets were evaluated for various physio-chemical evaluation. Results: weight variation which was 320mg ± 7.5%, friability which is below 1%, swelling index, hardness and in vitro drug release for each formulation. The result of all physio-chemical test of natural pectin and synthetic polymers were compared and investigated. The formulated tablet using mango peel pectin passed all standard physical evaluation and was proceeded to the dissolution test. The formulated tablets revealed that the drug release was able to be sustained up to 24 hours which was compared to a reference drug Voltaren 100mg SR tablets. The data obtained from in-vitro study was fitted in the kinetics models equations. Formulations which showed similarity factor (f2) value of 50% and more were selected as the best formulations. Conclusion: It was found that it was suitable to use natural polymer as matrix forming agent for sustained release tablet as results showed the f2 value of more the 50% in several of the formulations using the natural polymer and thus showed comparable dissolution profile to the reference drug.

Keywords: Pectin, Natural polymers, Sustained-release matrix and Diclofenac sodium etc.
Background and aims: Skin whitening body lotions are the cosmetics products which work on human skin by reducing a pigment called melanin in the skin. It also lightens naturally dark skin and dark spot. It is giving a moisturizing effect to the skin as a natural cosmetics body lotion. This study was aimed on reduction of skin melanin by tyrosine inhibitory with plant extracts by formulating a stable whitening body lotion containing the plant extracts. Materials and methods: Two plants were extracted in a different way, the method of extraction for saffron was reflux method and for guava leaves was maceration method. All the basic materials that needed for lotions were used. Results: The formulation with mixture of saffron and guava leaves (F3) was showed the best results among several formulations. The result which obtained from F3 was compatible to pass all the evaluation tests. Conclusion: As a conclusion, mixture of saffron extract and guava leaves extract possesses a strong tyrosine inhibition activity and it was formulated as a stable whitening natural body lotion.

Keywords: Cosmeceutical, Body lotion, Saffron, Guava leaves and Tyrosine etc.
ABSTRACT SAMPLE EXAMPLE (Multiple affiliations)

DEVELOPMENT AND EVALUATION OF ANTI ACNE HALAL CHAPSTICK FORMULATION BY USING CINNAMON OIL

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ABSTRACT

Background: Chapstick is one of the famous products which widely being used by both men and women for its moisture action for the lips and skins. Medicated stick formulation as an intervention for anti-acne topical application. The major ingredients in formulating a perfect medicated chapstick are the active ingredient, waxes and excipients. Cinnamon bark essential oil is being selected as the active ingredient for its antibacterial and anti-acne effect. Objectives: This study was aimed to formulate chapstick with cinnamon oil and determine the characteristics of each formulated chapstick. Methodology: The formulation of chapstick containing different amount of cinnamon oil with 1%, 2% and 3% from overall amount was added after the both bases, beeswax and shea butter, being heated and melted on a water bath, and mixed homogenously with the excipients at 30°C before being poured into the chapstick mold and let it to be cool and solidify. Result: The chapstick formulation that contains 1% of cinnamon oil (F3) was showed to have good properties of texture analysis, hardness (15g-20g), pH (6.78), melting point (3.75°C) and better acceptance (high score by panel acceptance test). Conclusion: The effect of varying amount of cinnamon oil in the chapstick formulation indicating that formulation F3 containing of 1% of cinnamon oil (0.07 mL) showed a better characteristic and good chapstick formulation compare to the others formulation.

Keywords: Halal Chapstick, Anti-acne, Cinnamon, Formulation and pH etc.
4. **ORAL PRESENTATION GUIDELINES**

Participants who wish to be considered for an **ORAL** presentation, please submit your abstracts as guided above in the section of abstract submission guidelines. The candidate should submit their abstract for oral presentation before the date line to assist the Committee in deciding.

**The structure of ORAL presentation is given as under:**

1. Title of research works
   - Name of presenter
   - Institutional address of presenter
2. Introduction & background of research works
3. Aim & Objectives of research works
4. Methodology of research works
   - Materials
   - Methods
5. Results & findings of research works
6. Discussions of findings
7. Conclusion & recommendation for further research studies
8. References & bibliography
   - APA style
9. Appendices
10. Acknowledgements

◆ The **SAMPLE** of cover page for **Oral presentation** is given as under:
ORAL PRESENTATION POWERPOINT SLIDES PREPARATION:

- **Presentation:** 10 minutes; Q & A: 5 minutes.
- **Format:** Microsoft power point
- **Content (Maximum 20 slides).**
  - Introduction with lit. review content (max 4 slides)
  - Problem statement (1 slide) & Objectives (1 slide)
  - Methodology in flow chart (maximum 2 slides)
  - Results + Analysis (minimum 4 slides, maximum 6 slides, unless you have more data to show)
  - Discussion (maximum 2 slides) & Conclusion (1 slide)
  - Application, Impact or Future Perspective (1 slide)
  - References (1 slide) & Acknowledgement (1 slide)

- **Submission date:** 3rd May 2019 (Friday) by 6 PM (email to Dr Santosh Fattepur (dr_santosh@msu.edu.my). Telephone: +6019-5960309.