

CALL FOR PAPERS

You are invited to submit an abstract to the **2009 Australasian Pharmaceutical Science Association** Annual Conference to be held at Wrest Point Convention Centre Hobart from Wednesday 9 to Friday 11 December 2009. We encourage members and non-members interested or involved in research and training in all aspects of pharmaceutical science, pharmacy practice and education to submit abstracts. A meeting of the Australian chapter of the **Controlled Release Society** will also be held at the same time and members of that organisation are also invited to submit abstracts.

PRESENTATION FORMATS

15 minute oral presentation: Presenters will be allocated a total of 15 minutes in the concurrent section of the program. The 15 minutes will include 10 minutes to make an oral presentation and 5 minutes for questions from the audience.

Poster presentation: Presenters will prepare a poster according to the conference guidelines that will be provided on the conference web site. Posters will be displayed and presenters will be allocated time within the program to interact and discuss their poster with delegates in an informal manner.

PROCESS FOR SELECTION OF PRESENTATIONS

- Abstracts will be reviewed by the Scientific Committee to evaluate their clarity, content and relevance to the objectives of APSA or CRS.
- Please indicate your preferred method of delivery. The Scientific Committee will take your preference into account when selecting presentations but may allocate a different presentation method.
- All abstracts accepted will be published in Conference Proceedings (including an ISBN) which will be available at the Conference.
- Please note that all presenters must be registered delegates of the conference, unless specifically invited by the Scientific Committee.

TIME LINES

- 29 May 2009: Call for papers
- 18 September 2009: Final date for submission of abstracts
- 16 October 2009: Notification of acceptance
- 30 October 2009: Closing date for early-bird Conference registrations

SUBMISSION OF ABSTRACT

Your abstracts should be submitted online to the Scientific Committee on the Conference web page. Please go to <http://www.apsa-online.org/> and follow the links to the Conference page and then the "Speakers Page" and follow the instructions.

The abstract should be informative and stand alone in its content and meaning.

Each abstract must indicate the sub-theme area (Pharmaceutical Science or Pharmacy Practice/Education) and be accompanied by five KEYWORDS. These will be used to ensure that abstracts are appropriately placed within the program structure.

All submissions will go through a first part review phase to ensure they adhere to the required format. Authors whose abstracts do not conform to these requirements will be notified and should then submit a corrected version within 48 hours. Failure to do so may lead to rejection of the abstract.

ABSTRACT FORMAT

1. Page Format

- Set Page size to A4
- Prepare and submit only one abstract per A4 page
- Set margins L = 2.25 cm, R = 2.25 cm, Top = 2.0 cm, Bottom = 16.7 cm
- Do not use paragraph indents
- Entire abstract should be justified
- Use single line-spacing
- Use 10 point Arial font throughout
- Abstracts should be no greater than 300 words (excluding title, author list and authors' affiliations)

2. Abstract Title

- Type abstract title in bold, lower case

3. Authors

- Begin on a new line
- Give authors First name and Family name
- Use lower case
- Presenting author underlined
- Authors affiliations designated by numbers in brackets after each name

4. Addresses

- Use italic font
- Use numbers in brackets to key to author list
- Give Institution/Organisation, City, State
- Abstracts from outside Australia or New Zealand should also list Country

5. Text

- Leave one line after addresses before commencing text
- All abstracts must be structured with the following headings using bold font;
 - **Objective**
 - **Methods**
 - **Results**
 - **Discussion**
 - **References** (optional)
- Avoid excessive use of abbreviations and acronyms. Define abbreviations on first usage except for those commonly accepted

6. Statistics

- Use the following format: mean \pm s.e. (n=, P<). If \pm denotes anything other than s.e. (eg s.d. or range) this should be specified. Ensure that an appropriate number of decimal places is used

SAMPLE FINAL ABSTRACT

Use of Pattern-matching Techniques in Pyrolysis Chromatography of Novel Melanin Analogues

Britney Jackson(1), Michael Spears(2), Angelina Aniston(1).

(1) University of Ryde, Sydney, NSW, (2) Broken Heart Institute, Los Angeles, California USA.

Objective. A method was required to objectively determine whether various melanin analogues were synthesised from different precursors, and whether synthesis from the same precursor was reproducible.

Methods. Five separate batches of each of DL-dopa melanin, dopamine melanin, and adrenaline melanin were synthesised from their respective analytical reagent grade precursors. Each melanin solution was filtered with a 0.45 micron hydrophilic filter. The solid residues were then dried in an oven at 37 °C for three days. Suspensions of sepia and dopamine melanins (250 mg/ml in methanol) were injected using a 1 µL plunger-in-needle syringe fitted with a 70 mm cone-tipped needle

Results. In representative TIC pyrograms for two different batches of adrenaline melanin and one batch of dopamine melanin, most of the larger peaks (eg abundance > 3 x 10⁶) arose from the pyrolysis of septum fragments. There was some resemblance between the two pyrograms derived from adrenaline melanin but this was not sufficient to allow identity of the two samples to be confirmed by simple visual inspection. This, in turn, negated any attempt to differentiate by inspection between pyrograms derived from different melanins.

Discussion. Match factors generated by the method used in this study gave only an indication of the degree of similarity between the two spectra being compared. In normal operation, the NIST mass spectral search program generates match factors from the comparison of a single (unknown) mass spectrum to a series of mass spectra held within a library of mass spectra. The technique used in this study compared the degree of similarity between an average pseudo-mass spectrum (unknown) and individual pseudo-mass spectra (library). Therefore, this technique could not be used to compare the degree of similarity between individual pseudo-mass spectra (i.e. spectra within the library).

CONDITIONS

The Scientific Committee reserves the right to not accept all submitted abstracts.

Acceptance of an abstract is conditional upon the presenter registering for the Conference and arranging payment by 30 October 2009. All communication will be with the submitter of the abstract. If the submitter is not the presenter, it is the submitter's responsibility to ensure that the presenter registers by the due date. Any change in presenter must be notified to the Convention Wise Office by 30 October.

Audio-visual provision

Oral presentations: All presentation rooms are equipped with computer, including sound and data projector/beamer.

Posters: No audio-visuals are available except for the poster and the abstract.

Assistance - Refer to instructions on web page <http://www.apsa-online.org/> then follow links to "Speaker's Page" or contact Phil Holmes at Convention Wise on Ph 03 6234 1424.