

**ASPET Drug Metabolism Division Executive Committee Meeting: 25 April 2010, 12:30 pm  
Hilton Hotel, Anaheim, Monterey Room**

***Minutes***

Present: Jeff Stevens (Chair), Michael Court (Secretary/Treasurer), Steve Leeder (Chair-elect), Emily Scott (Secretary/Treasurer-elect), Hollie Swanson (Chair-elect-elect), Deepak Dalvie (Secretary/Treasurer-elect-elect), Tom Kocarek (past-Chair), Xiabo Zhong (Councillor), Michael Wester (Councillor), Natasha Snider (Graduate student representative), Eric Johnson (Brodie Award committee chair and ASPET journal liason), Jonathon Maybaum (ASPET website committee).

1. Jeff Stevens called the meeting to order at 12:30 pm. This was followed by a brief welcome statement, introduction of newly elected members, and a review of the agenda.
2. Jonathon Maybaum demonstrated the newly designed main ASPET website, as well as the Division pages. For the Drug Metabolism Division, a draft site is now in place with much of the content being transferred from the old pages - although Jeff Stevens noted that some information needed correction - such as the current Executive committee roster. The Division "Mission Statement" on the website also needed some attention and Michael Court was asked to draft this and distribute for comment. Requests for revisions to the division website pages should be made by the Division Secretary/Treasurer) to Diana Perpich ([dperpich@umich.edu](mailto:dperpich@umich.edu)). The annual cost for maintaining the website will be the same as in previous years (\$720 per year) although for accounting purposes it will be charged hourly (\$30 per hour for up to 24 hours).
3. A question was asked regarding the security of member information on the main site - specifically email addresses that could be harvested for spamming. In the past, that information was located in a members only (login required) area, while it was not in the new site. Jonathon Maybaum was not aware that this was a problem but would check into it and determine whether changes were needed.
4. In the past, the Division site had included a job ad site and Jonathon Maybaum asked whether we wanted to maintain this. The committee discussed this and determined not to include such a site at this time. There were no further questions, and Jonathon Maybaum was thanked and left.
5. Jeff Stevens next discussed programming changes for EB2011. ASPET had decided to go to full-day scheduling on the Wednesday (usually half-day) since other societies do this - and ASPET wanted to encourage participants to stay for the full length of the meeting.
6. A new named lecture will be initiated for next year - the Weiner lecture/symposium. It will be open to all divisions to nominate a speaker and will occur in biennially - in odd years. It will alternate with the Ray Fuller lecture/symposium which normally occurs in even years.

Nominations were requested for the Weiner lecture for EB2011 - and the committee decided to nominate Eddie Morgan's symposium on "Drug metabolism and action in pathophysiological conditions" (see below).

7. Two Division sponsored symposia were approved for EB2011 including one by Eddie Morgan and Romi Ghose on "Drug metabolism and action in pathophysiological conditions" and one by Aiming Yu and Tsuyoshi Yokoi on "MicroRNA-Controlled Regulation of Drug Metabolism and Disposition". There was also a co-sponsored symposium approved from the ISTCP Division on Pharmacogenetics by Andrea Gaedigk. Attached are the minutes of the programming committee meeting listing the approved symposia for all divisions.

8. There was some discussion surrounding developing symposia providing opportunities for junior researchers to present. This was difficult since symposia should have a united theme and need to be planned over a year in advance.

9. The Division budget was discussed by Michael Court. Most income results from membership dues and fortunately membership has increased slightly this past year despite the current economic shortfalls. Spending increased somewhat last year as the result of increasing the graduate and postdoctoral student awards. However we still managed to break even in income/expense and maintain a sizable carryover.

10. A new councilor is needed for next year (Peter Swaan is rotating off) and Aiming Yu was nominated. Jeff Stevens offered to ask him to serve (he did - and Aiming Yu accepted).

11. The meeting was adjourned at around 2:30 pm.

**ASPET Drug Metabolism Division Business Meeting: 26 April 2010, 5:45 pm  
Anaheim Convention Center Room 208**

***Minutes***

Present: Jeff Stevens (Chair), Michael Court (Secretary/Treasurer), Steve Leeder (Chair-elect), Emily Scott (Secretary/Treasurer-elect), Melissa Runge-Morris (past Secretary/Treasurer), Hollie Swanson (Chair-elect-elect), Deepak Dalvie (Secretary/Treasurer-elect-elect), Tom Kocarek (past-Chair), Xiabo Zhong (Councillor), Michael Wester (Councillor), Natasha Snider (Graduate student representative), Xi He (Postdoctoral student representative), Eric Johnson (Brodie Award committee chair and ASPET journal liason) and approximately 30 other members.

1. Jeff Stevens and Steve Leeder called the meeting to order at 5:45 pm. This was followed by a brief welcome statement and the introduction of newly elected officers.

2. Jeff Stevens next discussed programming changes for EB2011. ASPET had decided to go to full-day scheduling on the Wednesday (usually half-day) since other societies do this - and ASPET wanted to encourage participants to stay for the full length of the meeting. A new named lecture will be initiated for next year - the Weiner lecture/symposium. It will be open to all divisions to nominate a speaker and will occur in biennially - in odd years. It will alternate with the Ray Fuller lecture/symposium which normally occurs in even years. Nominations were requested for the Weiner lecture for EB2011 - and the executive committee decided to nominate Eddie Morgan's symposium on "Drug metabolism and action in pathophysiological conditions" (see below).

3. Two Division sponsored symposia were approved for EB2011 including one by Eddie Morgan and Romi Ghose on "Drug metabolism and action in pathophysiological conditions" and one by Aiming Yu and Tsuyoshi Yokoi on "MicroRNA-Controlled Regulation of Drug Metabolism and Disposition". There was also a co-sponsored symposium approved from the ISTCP Division on Pharmacogenetics by Andrea Gaedigk. Attached are the minutes of the programming committee meeting listing the approved symposia for all divisions.

4. There was some discussion surrounding developing symposia for future years. It was suggested that perhaps an advisory subcommittee be formed to develop ideas for symposia and solicit individuals to create the symposia. Rather than a more formal approach, it was suggested that perhaps this could be done at the Executive committee level rather than a special subcommittee. In either case, this would not exclude solicitation of proposals from the general membership.

5. Several ideas were discussed for future symposia including epigenomics, protein therapeutics, transporters, and career development/opportunities for junior drug metabolism researchers. The latter topic was suggested by Xi He had generated considerable interest from the membership. ASPET does provide such opportunities at the meeting - but they tend to be more general such as job interviewing skills etc. Such a symposium would need to be

specifically tailored to drug metabolism scientists. It was suggested that perhaps it could involve a panel discussion to include academics, industry, government, alternative tracks - ideally more junior people to relay their experiences - and also include smaller group breakout sessions. Xi He and Steve Leeder indicated that they would continue discussions and perhaps develop such a symposium.

6. Jeff Stevens discussed the transition to the newly designed main ASPET website, as well as the Division pages. For the Drug Metabolism Division, a draft site is now in place with much of the content being transferred from the old pages. The Division "Mission Statement" on the website also needed some attention and Michael Court was asked to draft this and distribute for comment. Requests for revisions to the division website pages should be made by the Division Secretary/Treasurer) to Diana Perpich ([dperpich@umich.edu](mailto:dperpich@umich.edu)). The annual cost for maintaining the website will be the same as in previous years (\$720 per year) although for accounting purposes it will be charged hourly (\$30 per hour for up to 24 hours).

7. The Division budget was discussed by Michael Court. Most income results from membership dues and fortunately membership has increased slightly this past year despite the current economic shortfalls. Spending increased somewhat last year as the result of increasing the graduate and postdoctoral student awards. However we still managed to break even in income/expense and maintain a sizable carryover.

8. The relatively low numbers of Division members that actually attended the meeting compared with the total number of Division members was discussed. Hollie Swanson suggested that it might be worthwhile sending out a survey to identify reasons as to why this was the case and perhaps solicit ideas on changing future meetings. She indicated that she would follow up on this.

9. The meeting was adjourned at around 6:45 pm.

ASPET Program Committee Meeting  
Saturday, April 24, 2010

- I. The Committee agreed to proceed with Wednesday afternoon programming for 2011. The need to market, market, market the change was duly noted.
- II. Members were asked to go back to their divisions and come up with names for the Weiner Lecture that might tie in with the symposia being discussed today and to get back to Christie with those names by May 15. In future years, divisions should develop symposia around a potential Weiner lecture in odd years.
- III. Members were asked to go back to their divisions to suggest retired members who might serve as co-chairs (honorary or otherwise) of approved symposia and to send names to Christie by May 15.
- IV. RGS/AGS Colloquium
  - a. Supposed to be a symposium on Wednesday afternoon and then a satellite meeting on Thursday. AS presented, not quite the correct format to work.
  - b. Getting the NIH funding an absolute requirement to hold the meeting.
- V. Symposium Programming – it was noted that there was a natural mini-theme on inflammation.

APPROVED SYMPOSIA

Behavioral Pharmacology

1. The Biological “Specifics” of the “Non-specific” Placebo Response  
Chair: John D. Roache (not yet a member)  
Co-sponsors: ISTCP, DDDRA  
Possible Way Award: Jim McKearney, Don MDMillan, Bill Morris  
Possible Weiner Lecture: Colin Dollery, Patrick Valliner, Peter Kim  
Notes:
2. The Neurobiology of Post Traumatic Stress Disorder (PTSD) and Implications for Treatment  
Chairs: Leonard Howell and Michael Davis  
Co-sponsors: ISTCP  
Notes: Press worthy; should include presentation from military – check with Brian Cox at USUHS
3. Autism and PDD:P Neuropathology, Pharmacotherapies, and New Directions  
Chair: Ellen Walker  
Co-sponsors: NEU, ISTCP  
Possible Weiner Lecture: Tom Insel (NIMH)  
Notes: translational feature; unique animal models (transgenics and KO’s). Craig Powell (UT Souwestern) working to develop animal models of autism.

4. Too Much or Too Little: Behavioral Models and Pharmacotherapies for Eating Disorders – APPROVED

Chair: Matthew Banks

Co-sponsors: NEU, ISTCP

Cardiovascular Pharmacology

5. Cardiovascular KCNQ (Kv7) Potassium Channels: Physiological Regulators and Targets for Therapeutic Intervention

Chair: Kenneth L. Byron and Diana L. Kunze

Co-sponsors: DDDRA, ISTCP, MP

Notes: Need to negotiate budget-currently 3 speakers from overseas; Includes junior speaker from submitted abstracts

6. Advances in Estrogen Receptor Signaling: Potential Implications for Women's Health

Chair: Andrea Cignarella, Ross Feldman, Virginia M. Miller

Co-sponsors: WIP C ommittee, ISTCP, DDDRA, MP

Notes: 6 speakers at 20 only 20 minutes each.

7. Therapeutic Angiogenesis

Chair: Shiladitya Sengupta and Ermanno Gherardi

Co-sponsors: DDDRA, ISTCP

Notes: 2 overseas speakers

Drug Discovery, Development & Regulatory Affairs

8.  $G_{\alpha}$  subtype-selective Signaling by GPCRs as a Substrate for Functional Selectivity

Chair: Richard Neubig

Co-sponsors: MP

Notes: Needs more detail; provisional acceptance; Arthur Christopoulos speaking at EB 2010, consider instead Graeme Milligan; 2 foreign speakers

9. Recent Developments in the Understanding of the Biology and Physiology of the JAK Family of Tyrosine Kinases

Chair: Matthew Sills

Co-sponsors: ISTCP, DM

Notes: Change title to reflect emphasis on inflammation in arthritis; when scheduling do not overlap with Drug Metabolism and Action in Pathophysiological Conditions; Concern that industry speakers are likely to promote their compounds – make sure that chair knows to make clear to them that talks have to be science-based, not industry based; no industry logos on slides other than intro ALL OF THE ABOVE DEALT WITH IN REVISED SYMPOSIUM PROPOSAL.

Drug Metabolism

10. Drug Metabolism and Action in Pathophysiological Conditions

Chairs: Eddie Morgan and Romi Ghose

Co-Sponsors: ISTCP, TOX

Notes: Identify junior speakers in this area ahead of time and encourage them to submit abstracts. Don't overlap programming with JAK Kinase symposium

11. MicroRNA-Controlled Regulation of Drug Metabolism and Disposition

Chair: Aiming Yu and Tsuyoshi Yokoi

Co-Sponsors: MP, TOX

Notes: 2 speakers from Asia

Integrative Systems, Translational & Clinical Pharmacology

12. Pharmacogenomics and Personalized Medicine

Chair: Andrea Gaedigk

Co-sponsors: DM, CVP, TOX

Notes: Do not overlap with TOX symp by Watkins but can put them am/pm; Topic #4 (Integrating pharmacogenetics into drug development) – talks on prasugrel and clopidogrel were given in 2010, adjust talk accordingly; Consider David Flockhart from Indiana U. as speaker for topic 4.

13. Therapeutic Peptides

Chair: Sudar Alagarsamy and Michael Holinstat

Co-sponsors: CVP, DDDRA

Possible Weiner Lecture: Roger Tsien

Notes: If Tsien does Weiner lecture, find new person to talk in neuro area (blood/brain barrier) and then NEU will co-sponsor. Tweak title to make it more attractive

14. Regenerative Pharmacology and Translational Therapies for Repair of Nerve and Muscle Diseases/Disorders

Chair: Frank Barone and George Christ

Co-sponsors: CVP

Notes:

15. Systems Biology of Oxidative Stress and Therapeutic Implications - APPROVED

Chair: Issy Laher

Co-sponsors: DPE, CVP, TOX, DDDRA

Notes: Talk on Free radical biology ought to be included in whichever format of symposium is chosen

Molecular Pharmacology

16. G-Protein Coupled Receptor Signaling in Stem Cell Biology

Chair: A. Pebay

Co-sponsors: CVP, DDDRA, ISTCP, DPE

Notes:

17. Novel Regulation, Physiological Roles, and Pharmacological Intervention of G-Protein Coupled Receptor-Adenylyl Cyclase Signaling Systems

Chairs: Carmen Dessauer and Val Watts

Co-sponsors: NEU, CVP

Notes: AKAP talk in 2010- should there be a different topic in this session in 2011? Someone at McGill working on isoforms (M. Wood to get name); 2 foreign speakers

18. New Roles for Arrestins in Signaling, Trafficking and Disease

Chair: Jeffrey Benovic

Co-sponsors: ISTCP

Possible Weiner Lecture: Robert Lefkowitz (and make this a Wednesday session).

19. Physiology and Pharmacology of Trace Amine Associated Receptors - APPROVED

Chair: Raul Gainetdinov and Kim Neve

Co-sponsors: BEH, ISTCP (JOINT between NEU and MP)

Notes:

Neuropharmacology

20. Cytokines at the Interface of Inflammation and Psychiatric Disease

Chair: Janet Clarke

Co-sponsors: DDDRA, BEH, DM, ISTCP

Notes: Change title to "Role of Neuroinflammation in Psychiatric Disease"; Two talks proposed on depression are redundant- choose one and keep symposium broader in scope. Include Markus Schwarz (Schizophrenia and major depression as inflammatory disorders), currently an alternate, as part of the symposium with focus on schizophrenia.

Pharmacology Education - want all sessions in hotel

21. Creating Effective Questions for Assessment and as Aids in Learning in Today's Pharmacology Programs

Chair: John L. Szarek

Co-sponsor: CVP

Notes: WORKSHOP format

22. Pharmacology for Healthcare Professionals: Thirst for Knowledge

Chair: Lynn Wecker

Co-sponsor: CVP, ISTCP

Notes:

23. Integrating Principles of Chronobiology and Chronotherapeutics into Pharmacology Curriculum

Chair: Shelly A. Tischkau and ?

Co-sponsors: ISTCP, BEH, NEU

Notes: Restructure to be 3 scientific talks with 1 talk in integration into curriculum. Work the M. Wood and NEU. Would like to include bipolar disorder. NEU would be JOINT SPONSOR. NOT in hotel. Requires coming back to Program Committee but high enthusiasm for topic

Toxicology

24. Idiosyncratic Drug Reactions

Chair: Cynthia Ju

Co-sponsors: DM

Notes: Junior speaker from contributed abstracts.

25. Organ-specific Toxicities Caused by Novel Metabolic Pathways (expanded proposal approved after the meeting)

Chair: Donglu Zhang and Konstantine Skordos

Co-sponsors: DM

Notes: More detail needed by PC before final approval; Junior speaker from contributed abstracts.

26. Pharmacogenomics to Address Adverse Drug Events

Chairs: Paul B. Watkins and Donna L. Mendrick

Co-sponsors: DDDRA, ISTCP

Notes: Schedule same day, but after, ISTCP pharmacogenomics session.

CONDITIONALLY APPROVED SYMPOSIA

Critical Role of Orexin/Hypocretin System in Multiple Physiological Functions: A Progress Report -  
WITHDRAWN

Chair: P. Bonaventure

Organ-specific Toxicities Caused by Novel Metabolic Pathways- SUBSEQUENTLY APPROVED

Chair: D. Zhang and K. Skordos

27. Therapeutic Targeting of Epoxyeicosanoids -

AWAITING MORE INFORMATION

Chair: John D. Imig

Co-sponsors: ??

Notes: Program Committee would like additional information.