

PAG advisory board meeting

SETAC North America 2015, Room 251D, 4:00 - 5:00

Wednesday, 4 November 2015

27 PAG Members attended the board meeting

ITEMS FOR DISCUSSION:

- Joe Robinson
- PAG Symposium
- SETAC ET&C special issue on pharmaceuticals
- PAG committee member elections
- General discussion; future symposia, activities for SETAC world congress (Orlando), greater visibility for PAG

1. Joe Robinson

- Board members were informed of Joe Robinson's passing and Joe's contributions to the PAG were acknowledged. Joe was also commemorated in a SETAC GLOBE article (Vol. 16(8) 13 August 2015) co-authored by Mike Moseley (Zoetis) and Jon Ericson (Pfizer). The article can be found at the following link:

<http://globe.setac.org/2015/august/in-memoriam-joe-robinson.html>

2. PAG Symposium

- Recap of Sunday, 1st November 2015 Research Symposium: Global Distribution of Pharmaceuticals in the Environment - Implications for Monitoring and Management Strategies
- Symposium was very successful, talks were great, although attendance could have been better. This may have been partly due to how difficult it was to find the symposium on the SETAC website, maybe we can get better visibility for future event.
- Currently working with SETAC to get symposium slides up on the website

3. ETC Special Issue

- Right now 27 articles are available online, not including those embargoed by media release; should be around 40 for entire issue.
- Review process is frustrating, holding up publication process. Publication is expected to take place in March/April next year.
- Journal very excited by the interest in the special issue, want to make it semi-regular.

4. PAG Elections

- PAG elections are due to take place in December, please put your name forward if you would like to become a member of the steering committee. There is some time commitment required, including participation in telecons, e-mails, etc.
- Need volunteers for the board but there needs to be a balance, can't have everyone from one sector i.e. academia, government or industry
- There should also be gender balance, reflective of the number of female researchers.

- Also need a new student representative
- Want input whether we are communicating effectively, what could we be doing better. What activities should we be engaged in? Feedback if we should be engaged in more activities like Sunday's symposium (during SLC meeting)?

5. **General discussion (e.g. activities for world congress, future PAG symposia)**

- May be holding a session in Nantes next May? Call for abstracts out now. There are already pharmaceutical sessions there, can submit abstracts.
- Should we have another symposium? Mixture effects? Better to look at MOA?
- Tomorrow afternoon there will be a session summarizing SETAC Pellston on mixtures, probably covered for now, included a group on vet chemicals and vet drugs.
- What do members want to see? AMR (antimicrobial resistance)? Lots of gaps there, issues involved. Therapeutic low dose issues, levels in streams, scientific issues of specific issues associated with specific compounds. Some of these drugs are fairly old why are we seeing resistance only now? May be nice to have a session, or symposium, please address this.
- Session proposals will have very little success if they are narrowed down too much; can screen abstracts. Montebello 2012 (AMR) meeting led to publications that are highly cited, also have met in China, Germany. Maybe good to have a targeted session of about 1 day?
- What about 15 minutes talks, more like a short course, with education. Often asked why are we not doing more assessment but not sure how to do it.
- Sounds like an opportunity for mixed format, discussion, should have focused topic meeting on this. Can invite specific people to address specific topics, can be used to get things done prior to a workshop. Need to kick that around SETAC community to see what the reception is
- Seems like AMR not a big focus for SETAC, we got Thomas Van Boeckel in for the PAG symposium, shifted everyone's focus a bit.
- Measuring AMR is one thing, important issue is the path of resistance between stream and human contact. Lets talk about those pathways, how much exposure has to occur. On the surface water side what is the probability. Other issues, paper coming out, in which Jason Snape said maybe real risk is changing microbial flora. Is there a connection between surface water.
- The ONE Health idea, seems to marry perfectly with the idea of pharmaceuticals. Never seen a talk from someone about wastewater and what are the options to change the inputs into the environment?
- Starting to push the waste management side, not sure if this (SETAC) is the right format? SETAC is multi-disciplinary and into remediation
- Ed Topp would be good, do veggies grown in manure/biosolids result in human exposure to genes and or antimicrobials? Time may be right for AMR. Global issue, a lot of us deal with it, any toxicologists here? Do they feel left out of AMR discussion?
- Some posters on this recently, may want to team up with the Human Health Advisory group?
- Far more diversity of resistance mechanisms in the environment than in the clinic, try to quantify transmission processes. Very interesting for a global meeting like next year. So why did only a few people turn up for Jim's [Lazorchak] session? Barcelona session brought resistance and WWT session together very well. Is this a geographical issue?
- Fixing website dropdown issue to make it easier to find symposium could help, also a Globe article to advertise a workshop/symposium! Topic will hit a broader audience, including people that are not part of PAG and may be interested in AMR, not just pharmaceuticals. Co-

selection with metals, could engage those folks? Human health folks would be good fit, are seeing a lot of posters on this issue but not disseminated effectively. Need to get info out. Is it impacting drugs that are used, what are research needs? There are other venues but lots of SETAC people don't go there, knowledge gaps

- Other topics? Mixtures as a broader umbrella, bring in other advisory groups, so more specialty areas can be included. Need to present a series of questions to address and a panel after speakers. Answer questions.
- Maybe an SETAC Advisory Group collaboration meeting? Need to collaborate more and include more students
- SAICM is an option to engage for SETAC. Need to make sure areas outside EU and NA are included, what we touched on Sunday. More regional topic, a lot can be learned from personal care product industry in this regard.
- Decide on timeframe early so people can plan on attending!
- Need to plug central Asian meeting, any other feedback?
- EmCon; is a conference series run by people from Danish, US and Australian groups? So if you want to justify travelling there you might be able to justify
- Silke: Next SETAC Europe in Brussels i.e. centre of European government; it might be worth conducting a one day symposium (e.g. on the Friday) or session proposal for pharmaceuticals/AMR