



Australian
Clinical
Trials
Alliance



Better health through
best evidence

ACTA Statistics in Trials Interest Group (STInG)

Members' meeting

October 3, 2019

Katherine Lee and Sabine Braat

(on behalf of the ACTA STInG executive committee)

ACTA gratefully acknowledges operational funding from the Australian Government's Medical Research Future Fund

www.clinicaltrialsalliance.org.au

Agenda

1. STInG/Ref Group G activities and events in 2019
2. Innovative Trial Design Reference Group plan 2019/20
3. In progress and future activities of STInG/Ref Group G
4. **We want to hear from you!**



Australian
Clinical
Trials
Alliance

www.clinicaltrialsalliance.org.au

STInG/Ref Group G activities and events in 2019

- Initiated joint meetings STInG/Innovative Trial Design Reference Group
- ACTA STInG Statistics in Trials award (every year May 20, since 2017)
 - ADRENAL trial (accepted by Laurent Billot, The George Institute)
- In collaboration with ACTA's Innovative Trial Design Reference Group
 - Innovative trial design webinar (Feb 14, Sydney)
 - Innovative trial design clinic (Feb 15, Sydney)
 - Adaptive clinical trial design coding (Feb, Melbourne/Brisbane/Sydney)
 - Webinars (Studies Within a Trial, Hackathon of novel trial designs, FDA guidance document on adaptive design clinical trials)



Australian
Clinical
Trials
Alliance

www.clinicaltrialsalliance.org.au

Innovative Trial Design Reference Group

- Co-chairs: Andrew Forbes and Katherine Lee
- Activity plan for 2019/20
 - Workshops on innovative trial designs
 - Webinars for the clinical trials sector
 - Training materials on innovative trial designs for DSMBs
 - Innovative trial designs protocol and statistical analysis plan templates
 - Develop an online facility to identify statistical experts



Australian
Clinical
Trials
Alliance

www.clinicaltrialsalliance.org.au

Activities in progress by STInG/Ref Group G

Develop an online facility to identify statistical experts

Find an expert page:

- Expertise in therapeutic and statistical areas, trial stage
- Year of experience in trials
- Grant writing experience

List of potential Data and Safety Monitoring Board (DSMB) statisticians:

- Experience in DSMBs
- Mentorship scheme

Activities in progress by STInG/Ref Group G

This data will be collected via a survey and will allow to find:

- (i) Experienced statisticians who can be approached for help or advice in trial design;
- (ii) Independent statisticians who can be approached to sit on DSMBs;
- (iii) Experienced statisticians who are willing to mentor junior statisticians on DSMBs; and
- (iv) Junior statisticians looking for a mentor.

Activities in progress by STInG/Ref Group G

Workshops on innovative trial designs

- Workshop on “pragmatic randomised trial designs for evaluating health policy and practice change interventions” in Melbourne (November 21-22, 25)
- Workshop on “Bayesian Adaptive Trials” in Perth (December 4-5)
- Workshop on “Bayesian Adaptive Designs” in Melbourne (February 27-28) and Sydney (March)



Australian
Clinical
Trials
Alliance

www.clinicaltrialsalliance.org.au

Activities in progress by STInG/Ref Group G

Webinars for the clinical trials sector

- DSMBs

Templates

- Statistical analysis plan

Repository of protocols

- Adaptive designs




Australian
Clinical
Trials
Alliance

www.clinicaltrialsalliance.org.au

Future ventures of STInG

Review of NHMRC funding:

- Plan to collect data on the involvement of statisticians on applications for clinical trials (e.g., CI or AI, statistical budget,...).
- Compare Australia with peers (e.g., US, UK), if available
- Report results in 

Offers of help are welcome!



www.clinicaltrialsalliance.org.au

WE WOULD LIKE TO HEAR FROM YOU!

- Have the activities of ACTA STInG impacted your work/research/knowledge?
- What should be the priority areas?
- Other ideas for things we could be doing?
- Ideas for things that we could be doing differently?
- Would you like to get involved in STInG activities?



www.clinicaltrialsalliance.org.au

PLEASE JOIN ACTA STInG
BY REGISTERING ONLINE!

Email: STInG@clinicaltrialsalliance.org.au



www.clinicaltrialsalliance.org.au

ACTA Affiliate Individual Membership

- Open to anyone interested in investigator-initiated clinical trials & registries who **supports ACTA's mission & vision** (*Better health through best evidence*).
- **Discounted registration** to all ACTA events, including conferences, workshops and webinars.
- **Get connected:** receive e-newsletters & other key communications
- A 'seat at the table' to ensure that the sector has a strong and effective **collective voice**
- Professional Membership only \$50 per year



www.clinicaltrialsalliance.org.au