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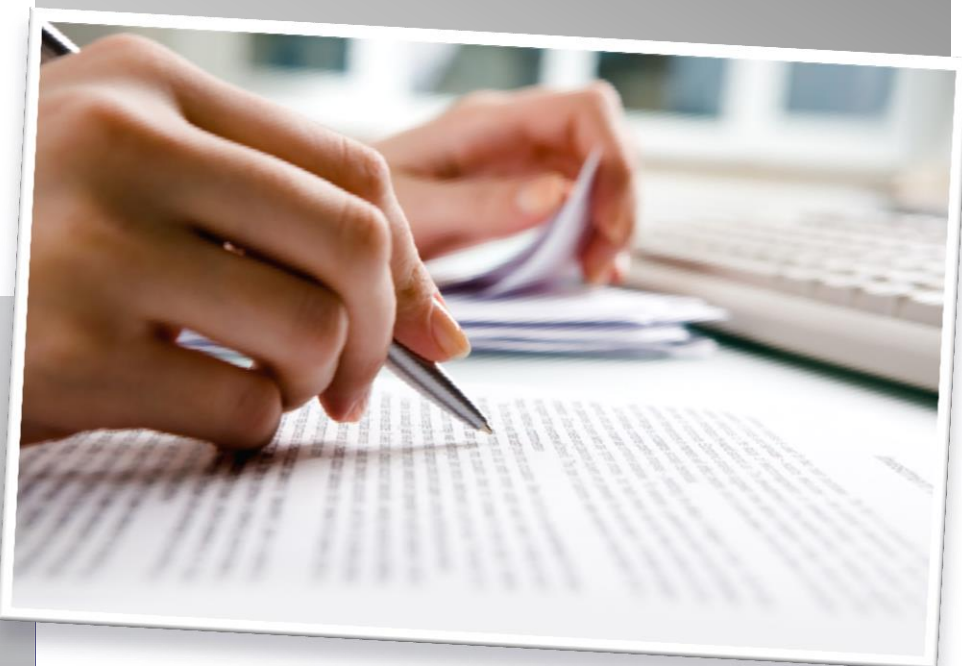
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Newsletter

September 2017



In This Issue

3

Subject screening, enrollment, monitoring, and maintaining a study are always exciting. There is always something new to discover. Get the latest updates on our TRIPOD study in the Study Update section.

3

In collaborations, it is common to make exchange visits to share ideas, knowledge, and practices in order to strengthen each other's capabilities. Last month, several representatives from INA-RESPOND, Indonesia made a trip to the USA on a mission to further develop and enhance our network. Learn what they did and how the trip went in this edition!

INA-RESPOND's Acute Febrile Illness Requiring Hospitalization (AFIRE) Manuscript Writing Week

It has been quite some time since our network held a manuscript writing workshop. With the closing of AFIRE study, our network is excited to encourage all researchers who are involved in the study to write and publish the findings of the study. The INA-RESPOND network is going to hold its 2nd Manuscript Writing Week from 25-29 September 2017 at Double Tree Hotel and Convention, Cikini, Jakarta. Unlike the workshop in January 2014 which was attended by more than 100 people from in and out of our network, this year's workshop is more specific and is only attended by those involved in the AFIRE study, thus the name: AFIRE Manuscript Writing Week. Our sources will give explanations on critical components of a paper and how to submit our paper for publication process as well as various examples of paper. Participants will also be asked to do peer-review and editing. Sounds interesting, isn't it? Call us at INA-RESPOND Secretariat for more information about this event!

- For
- More
- Effective
- Presentations
- Avoid
- Excessive
- Bullet
- Points



The Art of Engaging – Making a Presentation That Can Be Heard

For some of us, giving a presentation for a big audience can be really intimidating. Fortunately, there are some things that we can do so we can be more confident in giving presentation. Find out in this edition!

Save The Date

Important Events & Meetings

12-13 Sept RePORT International Meeting @Brazil
 25-29 Sept AFIRE Manuscript Writing Week @Jakarta



September Birthday

3 Sep	Dr. M. Hussein Gasem, PhD, SpPD-KPTI	SC Member at Site 560
4 Sep	Dr. Eko Budi Koendhori, Mkes	INA101 Co-PI Site 570
5 Sep	Drg. Tince	NIHRD Center 2
7 Sep	Ms. Ennyckey Sary	Lab Technician Site 550
10 Sep	Dr. Herman Kosasih	Secretariat
14 Sep	Ms. Ernawati	Lab Technician Site 510
17 Sep	Dr. Anis Karuniawati, SpMK, PhD	INA102 Co-PI Site 530
19 Sep	Dr. Fatmawaty Ahmad	INA101 RA Site 550
19 Sep	Dr. Munawir	INA101 RA Site 550
26 Sep	Ms. Kanti Laras	Secretariat
28 Sep	Ms. Sri Hariastuti	Lab Technician Site 570

Announcement

Congratulations to both Dr. Yorghie (RA TRIPOD, site 580) and dr. Nurhayati (Clinical Research Scientist) for going on Pilgrimage. Wishing you a safe, blessed trip. May Allah's blessings light your way, strengthen your faith, and bring joy to your heart as you praise and serve Him today, tomorrow, and always.

Wishing Dr. Chandra (co-PI TRIPOD, site 520) happy moments with your new born baby. Much love and happiness to Dr. Wang Erna (RA TRIPOD, site 560) for your wedding. Wishing both you and your husband a long-lasting marriage.





INA-RESPOND Study Updates

By:

Ms. Maria Intan Josi

TRIPOD (INA102) Updates

Screening & Enrollment

Up to 28 August 2017, the site team has enrolled 86 subjects. Site 570 – RSUD Dr. Soetomo, Surabaya is the top recruiter with 24 subjects. Enrollment progress can be seen in the graphic on the right.

Protocol Amendment (TRIPOD Protocol ver 4.0)

Documents for the new protocol (version 4.0) have been submitted to National Health Indonesia Research and Development Ethic Committee. Currently, the new protocol is being reviewed and hopefully will be finished by end of this month. A couple of discussions and trainings for the new protocol will be held soon after the approval from the EC is released. Some sites also need to submit the new protocol, ICF, and other documents to the local Ethic Committee. Also hopefully, the approval from each local Ethic Committee will be finished in September.

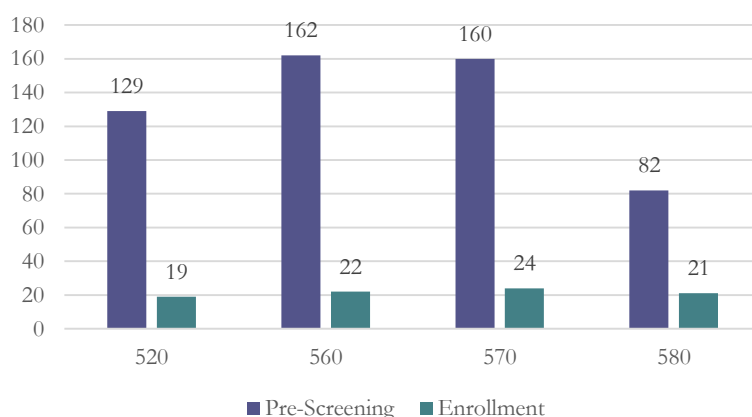
Site 590 – RSUP. Persahabatan, Jakarta

New Research Assistant for site 590 (RSUP Persahabatan) has already joined in our study. Dr. Ika Fajarwati is a University of Indonesia alumnus and is currently preparing for Site Preparation Visit at site 590. Dr. Ika is now completing training documents such as GCP training, protocol study training, site SOP training, and HSS training and knowledge about INA-RESPOND.

Site 550 – RSUP Dr. Wahidin Sudirohusodo, Makassar

New protocol will be submitted to local Ethic Committee (IRB) at RSUP Dr. Wahidin Sudirohusodo, Makassar. Dr. Kartika as Research Assistant from site 550 is currently reviewing the new protocol which will

Pre-Screening and Enrollment at Each Sites



*Site Number code:

520 – RSUP Sanglah, Denpasar
560 – RSUP dr Kariadi, Semarang

570 – RSUD dr Soetomo, Surabaya
580 – RSUP dr Sardjito, Yogyakarta

be submitted soon to the local EC. Like RSUP Persahabatan, Jakarta, hopefully, the approval from the local EC will be obtained in late September or early October. After approval, we can prepare all activities needed such as Site Preparation Visit and Site Initiation Visit before activating the sites. We really hope for site 550 to be activated soon so we can boost the number of subject recruitment of TRIPOD.

Enrolled Patients towards Target Recruitment

Each site has done their best to achieve the target enrollment. During recruitment stage, the challenges of one site could be different to one another. Although our target is to recruit 1,357 subjects, but up until now we've only had 86 subjects enrolled. We need to bear in mind that the study has been going on for 6 months. Recruitment period for TB study is 2 years long and we've got 1.5 years left to recruit subjects. On the bright side, we are glad that site 590 and site 550 will open soon. However, we still have to catch up the subject number because our target is still far.

The last 6 months has brought us great experiences and lessons. We believe that we can do better in the future. Keep up the great work, and we'll get fantastic results!

- For
- More
- Effective
- Presentations
- Avoid
- Excessive
- Bullet
- Points



Comic Corner

The Art of Engaging – Making A Presentation That Can Be Heard

By:

dr. Aly Diana

At least once in our lives, there is a moment when we are asked to give a presentation for a big audience. This is our moment; our several minutes of fame, but one step in the wrong direction may lead to a tragic outcome causing disappointment and long lasting embarrassment. Now, although I believe that most of us have probably had good skills in preparing a presentation, it will still be nice to get a summary of the main points of making an interesting presentation. Here are some tips from some experts, combined.

Our presentation is about us telling our stories in a way that can easily be understood and can engage the audience. Therefore, first, just like how stories are prepared, we need an outline for our presentation. We can develop a script that follows good story-telling conventions: build towards some sort of climax; make our audience appreciate each slide but at the same time anxious to find out what's next; and when possible, always leave them wanting for more.

As our audience will most likely read everything that is displayed on the screen, their focus will be on the slide; waiting for us to catch up instead of listening to the points we are making. Our job as a presenter is to control the flow of the information so we and our

audience stay in sync. We can do this by presenting only one point at one time. Another technique to engage and keep our audience interested is by having a hook which can reel the audience in our stories. Open with something intriguing or controversial which appeals directly to our audience's emotions; something that makes our audience opens their ears. Smart, rhetorical questions can also be used to arouse interest and pique curiosity of our audience.

Moving on to the visual aids (Power Point presentation slides), we should follow these basic dos and don'ts. The dos: 1) keep it simple (use as few words as possible without compromising the meaning/message); 2) use easy-to-read fonts (Sans Serif, Arial, Helvetica, or Calibri) with big enough size (audience at the back row should still be able to read comfortably); 3) use dark-coloured text on a light-coloured background; 4) use images sparingly – only when they add important information or make an abstract point more concrete, use high quality graphics; and 5) prepare enough slides (one slide per minute). The don'ts: 1) avoid using flashy transitions, sounds, and animations; 2) don't put paragraphs that contain too much information, making the presenter (us) less useful; and 3) do not apologise for

anything – if we believe that something is hard to read or understand, then don't use it.

Remember that the slides serve to help us, but they are not the main focus. We, as the presenter, are the main focus. In addition to the presentation slides, our body language, confidence, speaking tone, and pace are the important factors to maintain our audience's interest; and the only way to hone this is by practicing and rehearsing.

Closing remarks: Effective presentation requires adequate preparations, and with enough practice we can build our confidence. Good luck!

References:

1. Dustin Wax. 10 Tips for More Effective PowerPoint Presentations. <http://www.lifehack.org/articles/featured/10-tips-for-more-effective-powerpoint-presentations.html>
2. National conference of states legislatures (NCSL). 2009. Tips for Making Effective Power Point Presentations. <http://www.ncsl.org/legislators-staff/legislative-staff/legislative-staff-coordinating-committee/tips-for-making-effective-powerpoint-presentations.aspx>
3. Jacqueline Whitmore. 10 Timeless Tips for Giving Effective Presentations. <https://www.entrepreneur.com/article/278153>

The Emerging and Re-emerging Infectious Disease Workshop, Tainan, Taiwan

By:

Ms. Wahyu Nawang Wulan
Mr. Ungke Anton Jaya

The Emerging and Reemerging Infectious Disease Workshop-Dengue, Enterovirus, and Intestinal Parasites was held on 21-25 August 2017 at College of Medicine, National Cheng Kung University (NCKU), Tainan, Taiwan. The workshop was organized by the Center of Infectious Disease and Signaling Research, NCKU, to build a future network and join experts together to enhance infectious disease research in the region. Participants include clinicians and researchers from Taiwan, Myanmar, Thailand, Vietnam, Malaysia, Singapore, the Philippines, Indonesia, and Sri Lanka. From INA-RESPOND, Dr. Yuli Marwati (Gadjah Mada University, Yogyakarta), Mr. Ungke Anton Jaya (Secretariat), and Ms. Wahyu Nawang Wulan (Secretariat) attended the workshop. Lectures, laboratory practice, and field visit were meticulously arranged for 5 days as part of the workshop. Topics discussed, as mentioned in the workshop title, consist of Dengue, Enterovirus, and intestinal parasites.

Dengue lectures were held on day 1 and 4. The speakers shared their experiences in real-time surveillance, pathogenicity, and unmet criteria for Dengue diagnosis. There was a notable update from Malaysia in relation to the well-known consensus that outbreaks are strongly associated with the shift of

circulating serotypes or genotypes due to the lack of neutralizing antibodies in population against the prior serotype(s) or genotype(s) circulating. The new evidence shows that antibody against DENV-1 genotype I neutralizes DENV-3 genotypes I and III, thus suppressing the outbreak incidence that was anticipated to happen in mid 2000s due to the shift of DENV-1 to DENV-3 in circulation. In other words, herd immunity plays a role in shaping future outbreaks. The finding is highly relevant to Dengue circumstances in Indonesia since both countries share similar hyperendemicity of all Dengue serotypes, in which serotype or genotype shifts may trigger outbreak at any time. In addition to lectures, participants also shared experiences from their countries. Most countries, including Indonesia, have increased alertness to the emergence of Zika virus within Dengue surveillance. In addition, some countries have initiated attempts to look at the possible implication of Dengue mass vaccination to the future diversity of Dengue virus.

The Enterovirus family may not draw as much attraction as Dengue does in the tropical region; however Enteroviruses remain important since the clinical presentation of the disease range widely from self-limiting to fatal, and thus discussed in day 2 and 5. The large

diversity within the Enterovirus family contributes to the various clinical presentations, from the self-limiting rash herpangina and hand, foot, and mouth disease (HFMD) to the severe meningitis, myocarditis/ pericarditis/ pleurodynia, and encephalitic paralysis. The Enterovirus group of NCKU gave evidence that the great diversity is caused by recombination between the structural and nonstructural genes, resulting in the emergence of new genotypes. Reports from participating countries reveal that EV-71 is the major circulating Enterovirus, with shift to CA-6 is observed in Thailand and the Philippines. Indonesia, represented by INA-RESPOND and Eijkman-OUCRU, reported the identification of EV-71 from HFMD cases in Borneo and EV-68 from an acute respiratory infection (ARI) case in the AFIRE study. EV-68 is an important cause of ARI and is associated with acute flaccid paralysis (AFP) outbreak in the US in 2014.

Updates on intestinal parasites were discussed on day 3. A notable lecture presents the integration of "omics" (genomics, transcriptomics, proteomics, metabolomics) in *Trichinella vaginalis*, an important sexually-transmitted pathogen. Results can be used as a

Continue to page 8

Head of NIHRD's Working Trip to The USA

By:

Dr. Herman Kosasih
Dr. M. Karyana



After several delays, Dr. Siswanto's visit to the US was finally done during the Parliament recess on 7-11 August 2017. During this visit, Dr. Siswanto, the Head of NIHRD, was accompanied by Head of Center 2 (Center of Health Resources and Services), Dr. Nana Mulyana; Head of Health Services Division and the Chairman of INA-RESPOND Steering Committee, Dr. M. Karyana; NIHRD's Head of Legal and Employee Coordination Bureau, Mr. Bambang Widodo; and Dr. Herman Kosasih from the INA-RESPOND Secretariat. The purpose of this visit is to strengthen the cooperation between the two institutions (US-NIH and NIHRD Indonesia), which has been promoted since 2010.

The visit started by dropping in at the National Library of Medicine (NLM), a huge and complete medical library, with a collection of more than 28 million titles of books or manuscripts in more than 200 languages, with the oldest one going back as far as the 1836. In Indonesia, one of its most well-known facilities is PubMed. A great amount of care and attention is given to these books and works of research, which can be seen from how this library preserves them. For example, the library has a large fortified chamber that can withstand bomb's explosion.

On the second day of the visit, Dr. Anthony Fauci, Director of US-NIAID agreed to welcome the team. Dr. Anthony Fauci is a world well-known HIV researcher, yet his attention and knowledge on infectious diseases and non-infectious diseases are broad and undivided. He explained briefly about US-NIH in general and US-NIAID as the second biggest institution after US-NCI (United States National Cancer Institute), from the overall of 27 institutions and centers in US-NIH. One of the biggest researches currently being conducted is the making of influenza vaccine that can protect all types and subtypes, so it will not have to be adjusted with strains that circulate every year.

On the same day, Dr. Siswanto also explained about the activities and achievements of NIHRD. The meeting was then followed by a visit to Clinical Center, which is the soul of US-NIH. One of the most exciting is US-NIAID's crucial role in the major outbreaks in the world, for example Ebola outbreak in Africa and Zika virus outbreak in South America. At this Clinical Center, many researches on several diseases with low prevalence are also conducted. If a subject meets the pre-defined criteria, he/she, including their families, can be financially supported to come and be treated at this Clinical Center. In order

for Indonesia to have the same facility and to be able to conduct high-quality research, support from various parties, including politicians who have the authority to make the law, is also needed. It is hoped that someday the Minister of Health and the board members will get the chance to see how important it is to have the ability to conduct high-quality and internationally-accepted health research.

The team had an opportunity to have a discussion with various representatives from other institutions under US-NIH, such as Dr. Parascandola from National Cancer Institute, who explained about NCI's activities in Indonesia in helping with the programs and research about tobacco control and cancer surveillance; with Dr. Dennis Dixon, discussing about Antibacterial and Antimicrobial Resistance; with Dr. Deidre Joy from Parasitology NIAID, Dr. Evan Secur from CDC Division of Parasitic Disease; and Ms. Sudha Sirinavasan and Ms. Katrin Eichelberg from TB program. INA-RESPOND will explore the cooperation for antimicrobial resistance research, especially the one related to Carbapenem resistant Enterobacteriaceae. For Schistosomiasis research, it is recommended to start the research by finding out how serious the

problem with Schistosomiasis is in the field and what are the research priorities.

To see the laboratory's facilities, US-NIAID invited the team to visit Frederick, where a dedicated (separated from the laboratories) research specimen storage is located. Inside this storage center, there are dozens of -20°C and -80°C freezers, as well as liquid nitrogen tanks for specimens that need to be stored at -170°C. The Director of Biorepository, Dr. Marcia Lara, explained in detail about the mechanism in accepting, using, and delivering specimens; all of which must be known and approved by the research Principal Investigator. Next, the team was invited to see US-NIAID's Integrated Research Facility (IRL), located in Fort Detrick. There are various types of laboratories ranging from BSL-2 to BSL-4, so research on bacteria or lethal virus which has no cure can be conducted, for example Ebola virus. In addition to laboratory facility for viruses, bacteria and parasitology with various serology methods, molecular and immuno-histochemistry, IRL also has specially designed CT-Scan machine that can be connected to the BSL-4 laboratory.

The team discussed the possibility of cooperating with Food Drug Administration (FDA) while they were visiting the FDA campus in Silver Spring. Dr. Edward Cox explained the process of how a medicine or vaccine is developed to get FDA's approval. One of the possible research collaborations that can be conducted is the research on the use of antibodies (passive immunity) on Anthrax patients.

On this occasion, the team also got the

opportunity to meet the Indonesian Ambassador in the United States, Mr. Budi Bowoleksono, a.k.a Mr. Sonny. The Ambassador strongly supports the collaboration between these two big research institutions and offers help that may support this collaboration. Besides that, Mr. Sonny also explained about the activities of the diaspora community who wishes to help in various fields in Indonesia, and he hoped to connect the community with INA-RESPOND's research activities. All team's activities while they were in Washington, D.C. and its surroundings were greatly assisted by Mr. Sonny and his staff.

We would like to thank Dr. Sophia Siddiqui and her whole team at DCR for setting up the meetings with the various upper-level leaders of the institutions mentioned above; Dr. Anthony Fauci, Dr. Grey Handley, and Dr. Clifford Lane for their commitments to keep

supporting this collaboration, for their appreciations on what INA-RESPOND has generated, and also for the discussions that inspire Indonesia to have the facilities and conduct high-quality research; all the leaders and staff from NIH library, FDA, CDC, for giving feedbacks and opening the possibility of future research collaborations; the Indonesian Embassy in Washington, D.C. for the continuing support from the preparation of Implementation Arrangement until now; also all INA-RESPOND staff for their support and preparedness for this visit. Hopefully, INA-RESPOND continues to grow according to its visions, missions, and values and helps NIHSD in becoming a research institution with adequate facilities and human resources, producing high-quality researches, and coming up on top at health research in Indonesia.



From Left to Right: Mr. Bambang, Dr. Karyana, Dr. Siswanto, Dr. Nana Mulyana, and Dr. Herman Kosasih

Continued from page 5

model to fight against other parasitic infection. Lectures also highlighted the emergence of parasitic protozoa that are often neglected but infection can be acute and fatal, such as *Cryptosporidium hominis* and *Neigleria fowleri*.

For field trip, workshop attendees visited the Taiwan Center of Infectious Disease Control and Prevention (CDC), southern branch, where a tour was arranged to demonstrate the procedure of imminent response against outbreak incidence. Another tour was arranged in the mosquito and the National Mosquito-Borne Diseases Control Research Center, to demonstrate attempts done by the government to eliminate Dengue by vector control.

Outside of the science program, the organizer arranged cultural programs. Tainan is the ancient capital of Taiwan, therefore rich in cultural heritage. Participants visited the Natural History Museum, the Chimei Museum, and Historical Sites, consisting of Anping Tree House, and the temple of the guardian



Mr. Ungke Anton Jaya is giving an introduction about Origin Institution and the workshop during welcoming ceremony

of the policemen, accountant, and students. Last but not least, participants were allocated some time to shop in the Old Streets of Tainan, where local souvenirs and specialty snacks, such as dried fruits and prawn crackers are offered.

INA-RESPOND Newsletter

Advisors
Editors
Columnists

Thanks to
Disclaimer

: dr. M. Karyana, M.Kes, dr. Herman Kosasih
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