List of the Posters Displayed

**Poster - 1**  
Postprandial hypotension in elderly obese and elderly diabetic women  
Zarli Thant, Zaw Lin Thein, Ohnmar Myint Thein, Myat Thandar and Ohnmar

**Poster - 2**  
Assessment of erythrocyte magnesium and serum calcium level in postmenopausal women  
Nway Htike Maw, Khin Mi Mi Lay, Pyae Phyo Kyaw, Thet Thet Mar, Sandar Win, Khin San Lwin, Htike Htike Soe, Yi Yi Mon and Htet Htet Lwin

**Poster - 3**  
Social behavior and related gene expressions in fragile X mental retardation 1 (Fmr1) gene knockout and valproic acid (VPA)-induced autism rat models  
Tin Tin Win Shwe and Hidehiro Watanabe

**Poster - 4**  
Hepatitis B infection in Human Immunodeficiency Virus infected individuals at Specialist Hospital, Waibagi: Preliminary report on HBV and its markers  
Ohmar Lwin, Yi Yi Kyaw, Hnin Ohnmar Soe, Wai Myat Thwe, Myint Myint Mu, Htin Aung Saw, Htun Nyunt Oo and WahWah Aung

**Poster - 5**  
Prevalence of abnormal cervical cytology and associated factors among women attending Cervical Cancer Screening Clinic at Department of Medical Research  
Nan Cho Nwe Mon, Ohnmar Kyaw, Tin Tin Han, Thazin Myint, May Thazin Hlaing, Khin Sandar Aye, Yin Min Htun, Mu Mu Shwe and Khin Saw Aye

**Poster - 6**  
Detection of Aflatoxin B1 in black pepper  
Thin Thin Wah, Kyi Kyi Nyein Win, Tin Tin Htwe, May Than Htay, Zin Mi Thein, Nilar, Myo Myo Kyaw and Tin Htet Htet Aung

**Poster - 7**  
Relationship between coagulation parameters and disease severity in patients with primary lung cancer  
Khin La Pyae Tun, Win Pa Pa Naing, Myo Myint Maw, Aye Mya Khaing, Wai Wai Han, Ni Ni Win, Win Win Mar and Khin Saw Aye

**Poster - 8**  
DNA microarray analysis of the hepatocyte of the F1 and F2 generation in C3H mice by gestational arsenite exposure  
Takehiro Suzuki and Keiko Nohara

**Poster - 9**  
Adolescent exposure to intermediate-frequency magnetic fields affects neurological and immunological biomarkers in young adult male mice  
Tin Tin Win Shwe, Shin Ohtani, Naoki Kunugita and Akira Ushiyama

**Poster - 10**  
What does not make work and why?: Challenges and possible ways for engaging voluntary health workers into health care systems in Myanmar  
Saw Saw, Wai Wai Han, Nyi Nyi Zayar, Lin Yadanar Ko, Pyae Sone Thar, Aye Thida, Myo Myo Mon and Theingi Myint

~ xvii ~
| Poster- 11 | Salivary alpha amylase activity in normotensive centrally obese adult males and females  
Myat Theingi Swe, Mya Thanda Sein and Mya Mya Thwin |
| Poster- 12 | Focusing pyrazinamide resistance in rifampicin resistant Mycobacterium tuberculosis isolates in Myanmar: A hidden issue to be tackled  
Wah Wah Aung, Phyu Win Ei, Jong Seok Lee, Wint Wint Nyunt, Thyn Lei Swe, Mi Mi Htwe, Jiim Lee, Si Thu Aung and Chulhun L. Chang |
| Poster- 13 | Establishment of in-house production of Phytohaemagglutinin (PHA) reagents for detection of chromosomal disorders  
Myat Mon Oo, Zin Mar Soe, Nu Nu Lwin, Hnin Nu Htwe, Kay Thwe Win, Khin Zar Chi Aung, Kyaw Soe, Win Pa Pa Naing and Moh Mah Htun |
| Poster- 14 | Quality and quantity assessment of saliva from dental patients with and without oral habits  
Thein Tun, Khin Mya Tun, Kyi Pyar Lwin, Kumudra Kyaw, Win Pa Pa Aung, Nandar Aung, Sann Win, Sein Shwe and Zaw Moe Thein |
| Poster- 15 | Effect of smoking and alcohol drinking on quality of semen parameters in male partners of subfertile couples  
Yee Mon, Cho Cho Myint, Khin Htar Yi and Kyi Kyi Nyunt |
| Poster- 16 | Diagnostic role of reprocessing transmission electron microscopy in amelanotic melanoma  
Saw Wut Hmone, Takashi Suematsu, Takehiko Koji and Myint Myint Nyein |
| Poster- 17 | Anxiety and depression among a group of cancer patients in Myanmar  
Myo Khin, Khin May Oo, San Shwe, Le Le Win, Win Pa Pa Naing, Swe Swe Win, Tun Lwin Nyein, Yin Yin Htun and Soe Aung |
| Poster- 18 | Soil-transmitted helminthiasis among Myanmar elementary school children residing in Yangon Region  
Thi Thi Htoon, Su San Oo, Saw Mitchell, Poe Ei Phyu, Win Thein, Htay Htay Tin, Jong-Yil Chai, Sung-Jong Hong and Woon-Mok Sohn |
| Poster- 19 | Molecular diagnosis of occult hepatitis B viral infection among chronic hepatitis C patients attending the Hepatitis Carrier Clinic, Department of Medical Research  
Aye Aye Win, Yi Yi Kyaw, Myat Tin Htwe Kyaw, Ohnmar Lwin, Baby Hla, Zin Mar Soe, Wai Myat Thwe and Mya Yi Nyo |
| Poster- 20 | Antenatal care pattern and maternal and perinatal outcomes  
Mya Moe Thandar, May Myo Kywe, Khin Htar Yi and Kyi Kyi Nyunt |
| Poster- 21 | Nutritive values (macronutrients) of newly identified foods beyond 2000 in Yangon City  
Sandar Tun, Thidar Khine, Lei Lei Myint, Wah Wah Win, Su Su Hlaing, Khin Hnin Wint Phyu, Yin Yin Aye, Hla Phyo Linn and Nyein Nyein Win |
| Poster- 22 | Serum high sensitivity C-reactive protein levels in centrally obese normotensive dippers and non-dippers  
Thit Thit Aung, Aye Aye Thein, Phyu Phyu Kin and Mya Mya Thwin |
| Poster-23 | The effect of aqueous and ethanolic extracts of *Gynura Procumbens* (Lour.) merr. leaves on membrane Glucose Transporter - 4 (GLUT-4), Akt/PkB, and AMPK levels in 3T3-L1 adipocytes  
Cho Lwin Aung, Fumitaka Kawakami, Motoki Imai, Thet Thet Lwin, Hiroko Maruyama, Ohnmar, Khin Phyu Phyu and Mya Mya Thwin |
|-------------------------------|-------------------------------------------------|
| Poster-24 | Hepatitis B and C viral infections among multi-transfused patients in Department of Clinical Hematology, Yangon General Hospital  
| Poster-25 | Tumor visualization using three-dimensional phase-contrast X-ray computed tomograph  
Thet Thet Lwin, Hiroko Maruyama and Tohoru Takeda |
| Poster-26 | Determination of monosodium glutamate content in different brands of chicken seasoning powder  
Nyein Chan Aung, Moe Kyaw Thu, Aung Win Htun, Moe Kyaw and Tin Maung Hlaing |
| Poster-27 | The surveillance of malaria transmission in South-East Myanmar  
Win Han Oo, Katherine O’Flaherty, Kyaw Zayar Aung, Myat Mon Thein, Aung Thi, Wai Yan Min Htay, Aung Paing Soe, Paul A. Agius and Freya Fowkes |
| Poster-28 | Can we prevent newborns from HIV infection?: Situation of mother-to-child transmission of HIV in Myanmar  
Kyaw Min Htut, Myo Myo Mon, Htun Nyunt Oo and Su Myat Lwin |
| Poster-29 | Effective implementation of the WHO framework convention on tobacco control in Japan  
Naoki Kunugita, Yohei Inaba, Kanae Bekki and Shigehisa Uchiyama |
| Poster-30 | Larvicidal and repellent properties of *Citrus hystrix DC* fruit extracts against *Aedes aegypti* mosquitoes  
Maung Maung Mya, Zar Zar Aung, Khin Phyu Phyu, Khine Khine Lwin, Chit That Nwe, Aye Win Oo, Than Myat Htay, Sein Thaung and Yan Naung Maung Maung |
| Poster-31 | Maternal health in a remote setting: are there any knowledge gaps for timely help-seeking during pregnancy?  
Su LattTun Myint, Khin Thet Wai, Myat Phone Kyaw, Thae Maung Maung and Khin Wuit Ye Hla |
| Poster-32 | Red cell deformability in type 2 diabetic patients with nephropathy  
Haymar Soe Win, Thae Nu Htwe and Ohnmar |
| Poster-33 | Plasma malondialdehyde level, serum high sensitivity C-reactive protein level and cognitive ability in elderly people  
Nay Chi Oo, Moe Phyu Phyu Aung and Ohnmar |
<table>
<thead>
<tr>
<th>Poster-34</th>
<th>Glucose intolerance effect on high-fat diet intake mice by <em>Undaria pinnatifida</em>; Wakame Motoki Imai, Fumitaka Kawakami, Thet Thet Lwin, Yuichi Kadoya and Hiroko Maruyama</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poster-35</td>
<td>Antibody status of children under 3.5 years of age after immunization with Pentavalent Vaccine according to EPI Schedule Lynn Pa Pa Aye, Khin Nyo Thein, Kyaw Zin Wai, Thazin Mon, Kay Khine Soe, Mu Mu Shwe, Win Maw Tun, Win Aung and Kyaw Zin Thant</td>
</tr>
<tr>
<td>Poster-36</td>
<td>Breakfast habits, body weight and nutritional status of home and hostel students in University of Medicine, Mandalay Sanda Kyaw, Win Yu Aung, Moh Moh Hlaing, Aye Aye Thein and Ohnmar</td>
</tr>
<tr>
<td>Poster-37</td>
<td>Transvaginal and colour Doppler ultrasound in pregnant women with previous caesarean scar with placenta previa May Thu Htun, Mar Mar Wyn, Mya Thida and San San Myint</td>
</tr>
<tr>
<td>Poster-38</td>
<td>Effects of Aflatoxin B1 induced toxicity on rat liver Than Than Swe, Moh Moh Htun, Aye Win Oo, Zay Yar Chit, Kyaw Soe, Mo Mo Win, Khin Myo Sett, Mya Thandar Win and Nilar Tun</td>
</tr>
<tr>
<td>Poster-39</td>
<td>Differentiation of <em>Aedes aegypti</em> and <em>Aedes albopictus</em> eggs using scanning electron microscope Min Min Win, Than Than Swe, Khin Kant Kaw Oo, Maung Maung Mya, Kyaw Soe, Win Pa Pa Naing, Moh Moh Htun, Khin Saw Aye and Kyaw Zin Thant</td>
</tr>
<tr>
<td>Poster-40</td>
<td>Application of Loop mediated isothermal amplification (LAMP) and Polymerase Chain Reaction (PCR) methods in diagnosis of Pulmonary Tuberculosis Mu Mu Shwe, Khin Saw Aye, Kyi May Htwe, Khin Than Maw, Ohnmar Kyaw, Khine Zar Win, Tin Mi Mi Khine, Chie Nakajima and Yasuhiko Suzuki</td>
</tr>
<tr>
<td>Poster-41</td>
<td>Relationship between serum leptin level and insulin resistance in persistent obese and current obese people Thin Thin Yu, Sanda Kyaw and Ohnmar</td>
</tr>
<tr>
<td>Poster-42</td>
<td>Entomological Surveillance at high malaria prevalence villages under cover of fixed and mobile clinic of quality diagnosis and standard treatment project, Myanmar Medical Association Maung Maung Mya, Aye Than, Thura Htay, Tun Nay Myo Aung, Pyay Lin Aung, Aung Thi, Myo Min and Myat Phone Kyaw</td>
</tr>
<tr>
<td>Poster-43</td>
<td>Effects of perinatal exposure to a phosphate ester flame retardant on novel object recognition ability and memory function-related gene expression in adult mice Tin Tin Win Shwe, Kazuhiro Sano, Tomohiko Isobe, Takaharu Kawashima, Go Suzuki, Shunji Hashimoto, Shoji F Nakayama and Fumihiko Maekawa</td>
</tr>
<tr>
<td>Poster-44</td>
<td>Drinking, dependency and diseases: Alcohol drinking pattern, dependency and diseases among male in-patients at Medical Units of Yangon General Hospital Min Zaw Oo, Aung Pyae Phyo, Saw Saw and Nang Khin Phone Tint</td>
</tr>
</tbody>
</table>
| Poster-45 | Assessment of non-communicable diseases (NCDs) risk factors among the selected military personnel in Bago Region
Aung Kyaw Khant, Poe Poe Aung, Thant Zin Oo, Saw Min, Chan Pyae Aung, Aung Kyaw Thu, Thein Than Tun, Aung Zaw Tun and Kyaw Than Oo |
| --- | --- |
| Poster-46 | Identification of the potential radiation risk of indoor radon in old buildings of Pabedan Township, Yangon Region
Win Thaw Tar Lwin, Khin Hnin Pwint, Myat Myat Ko, Moe Moe Han, Htet Nandar Aung, Su Mon, Ni Ni Than, Si Thu Soe Naing and Ni Ni Maw |
| Poster-47 | Assessment of body composition in children by using stable isotope method
Aye Aye Maw, Yin Yin Win, Khin Thida Wai, Sandar Aung, Naw Myat Su Mon, Moh Moh Hlaing, Ko Ko Zaw and Theingi Thwin |
| Poster-48 | Effect of some estrus synchronization techniques on reproductive ability of laboratory rats (*Rattus norvegicus*) in DMR
Aye Win Oo, Mu Mu Win, Than Myat Htay, Khin Hnin Yi, Mya Mya Sein, Tint Zaw Maung, San San Myint and Win Maw Tun |
| Poster-49 | Community participation of malaria research in Myanmar
Janie Anne Zuber, Zaw Win Thein, Poe Poe Aung and Myaing Myaing Nyunt |
| Poster-50 | Ultrasensitive detection of asymptomatic malaria using dried blood spots
Kayvan Zainabadi, Matthew Adams, Zay Yar Han, Hnin Wai Lwin, Kay Thwe Han, Christopher V. Plowe and Myaing Myaing Nyunt |
| Poster-51 | Assessment of risk of malnutrition of elderly people living in the Yangon Region
Mya Ohnmar, Moh Moh Hlaing, Sandar Tun, Khin Mittar Moe San, Myat Myat Thu, Wah Wah Win, Khin Hnin Wint Phyu, Yin Yin Aye and Hla Phyo Lin |
| Poster-52 | Barriers to accessing harm reduction services by people who inject drugs in Kachin State: Experiences, perspectives and opinions
Yin Thet Nu Oo, Aung Naing Soe, San Hone, Khin San Tint, Nanda Myo Aung Win, Soe Moe Myat and Aye Win Khine |
| Poster-53 | Effect of traditional drug “Eve” on wound healing in laboratory rat model
Nyi Nyi Win, Khin Phyu Phyu, Aye Win Oo, Mi Mi Htwe, Khine Khine Lwin, Wah Wah Aung, Mu Mu Sein Myint, Zaw Myo Tint and Phyo Wai Zin |
| Poster-54 | The ordering and utilization of blood in Central Women Hospital, Yangon, Myanmar
| Poster-55 | The requisition and utilization of blood in Yangon General Hospital, Yangon, Myanmar
| Poster-56 | Serological surveillance for malaria in 2015 malaria indicator survey
Kay Thwe Han, Aung Thi, Tom Hall, Myo Win Htun, N I Zaw, Hnin Ohnmar Soe, Chris Drakeley, Hannah Edwards and Kyaw Zin Thant |