45th MYANMAR HEALTH RESEARCH CONGRESS
Department of Medical Research
No. 5, Ziwaka Road, Dagon Township, Yangon, Myanmar

INAUGURAL SESSION

9th January, 2017
Auditorium (2) Advanced Molecular Research Centre

08:30hr Inaugural speech by
H.E. Dr. Myint Htwe
Union Minister
Ministry of Health and Sports

09:00hr Refreshments

ACADEMIC SESSION

Department of Medical Research
No. 5, Ziwaka Road, Dagon Township, Yangon

Day 1

Auditorium -1

Day (1)- Morning Session

Chairpersons: H.E. Dr. Myint Htwe
Union Minister
Ministry of Health and Sports
Dr. Kyaw Zin Thant
Director General
Department of Medical Research

10:00-10:20 Paper-1
Diet consumption pattern of primary school children from four geographical regions of Myanmar
Moh Moh Hlaing, Mya Ohnmar, Sandar Tun, Myat Myat Thu, Thidar Khine, Wah Wah Win, Su Su Hlaing, Hla Phyo Linn and Yin Yin Aye

10:20-10:40 Paper-2
Heterogeneous prevalence of subclinical malaria measured by ultrasensitive PCR in Myanmar
Myaing Myaing Nyunt, Kay Thwe Han, Poe Poe Aung, Tin Maung Hlaing, Si Thura, Myo Min, Hnin Su Su Khin, Win Han Oo and Huang Fang

10:40-11:00 Paper-3
Assessment of utilization of Urban Health Centers in Yangon and Mandalay Regions
Kyaw Oo, Khin Thet Wai, Yin Thet Nu Oo, Saw Saw, Yadanar Aung, Kyaw Thu Soe, Su Latt Tun Myint and Wai Wai Han

11:00-11:20 Paper-4
Pilot study on newly developed botanical larvicides and repellents against Aedes mosquitoes in Myanmar
Htin Zaw Soe, Sein Min, Maung Maung Mya, Khine Khine Lwin, Aye Win Oo and Myat Khine
Programme

45th Myanmar Health Research Congress

11:20-11:40
Paper-5
The distribution of HLA-A alleles frequencies in (8) major ethnic groups of Myanmar
Zin Zin Thu, Win Shwe Zin, Than Hteik, Thandar Tun, Myat Myat Hnin, Kyinlannya, Yu Yu Kyaw, Ko Ko Zaw and Hiroh Saji

Auditorium -1

Day (1) - Afternoon Session (1)

Chairpersons:
Professor Dr. Thet Khaing Win
Permanent Secretary
Ministry of Health and Sports

Professor Dr. Myint Han
Director General
Department of Medical Services

1:00-1:20
Paper-6
Determination of insecticide resistance in dengue vector upon selection pressure with malathion
Mya Nilar Chawsu, Yi Yi Mya, Naw Hnin Myint, Tun Tun Win, Si Si Aung and Than Than Htwe

1:20-1:40
Paper-7
Molecular characterization of dengue 1 virus affecting adults admitted to Yangon General Hospital, Myanmar
Hlaing Myat Thu, Theingi Win Myat, Aung Zaw Latt, Khin Saw Than, Hlaing Mya Win, Zaw Than Tun, Thida Kyaw and Kyaw Zin Thant

1:40-2:00
Paper-8
Clinical characteristics of dengue haemorrhagic fever in the adults and adolescents
Ne Myo Aung, Myo Lwin Nyein, Mar Mar Kyi and Cho Cho Khine

2:00-2:20
Paper-9
Knowledge on dengue haemorrhagic fever and larva survey in urban area of Thanbyuzayat Township, Mon State
Phyo Aung Naing, Yan Naung Maung Maung, Thae Maung Maung, Mya Thandar, Maung Maung Mya, Aung Pyae Phyo and Cho Thet Khine

2:20-2:40
Paper-10
MSP1 and MSP2 allelic distribution among falciparum malaria patients at No. (1) Defence Services General Hospital
Khine Zaw Oo, Myo Thant, Thet Maung Oo, Khine Khine Su, Khin San San, Khin Phyu Pyar, Thein Zaw and Tin Maung Hlaing

Auditorium -1

Day (1) - Afternoon Session (2)

Chairpersons:
Professor Dr. Soe Lwin Nyein
Director General
Department of Public Health

Professor Dr. Khaymar Mya
Pro-Rector
University of Public Health

3:00-3:20
Paper-11
Towards water safety plan and prevention of non-communicable diseases: Multiple risk behaviors as challenges for strengthening primary health care in township health systems
Khin Thet Wai, Thae Maung Maung, Phyo Aung Naing, Kyaw Lwin Show, Kyaw Min Htut, Moe Thida and Young Hee Min
### Day 2

#### Auditorium -1

**Chairpersons:**
- Dr. Tin Tin Lay, Director General, Department of Human Resources for Health
- Professor Dr. Aye Tun, Rector, University of Medicine, Magway

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Paper</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>8:30-8:50</td>
<td>Paper-17</td>
<td></td>
<td>Screening of microalbuminuria and estimated glomerular filtration rate in type 2 diabetes mellitus for early detection of renal dysfunction</td>
<td>Khin Aye Thin, Aye Aye Khin, Win Kalayar Kyaw, Myat Su Mon Zaw and Ei Ei Mon Aung</td>
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<td>8:50-9:10</td>
<td>Paper-18</td>
<td></td>
<td>Metabolic risk factors and associated morbidities among adult urban people in Pyin Oo Lwin Township</td>
<td>Khin Moe Aung, Myint Myint Khair, Nyein Nyein Thaung, Nanda Ko, Aye Min Maw, Myitzu Tin Oung, Kyaw Thu and Win Aung</td>
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<td>9:10-9:30</td>
<td>Paper-19</td>
<td></td>
<td>Selective non-communicable diseases risk factors status of female school teachers from Dagon Myothit (North) Township in Yangon, Myanmar</td>
<td>Khin Mittar Moe San, Umi Fahmida, Fiastuti Wijaksono, Htin Lin, Ko Ko Zaw and Min Kyaw Htet</td>
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Programme

9:30-9:50  
**Paper-20**  
Awareness and practice of type 2 diabetic patients on healthy diabetic diet: A preliminary study in selected general practitioners’ clinics in Yangon  
*Mya Win Hnit, Wanna Tun, Tin Myo Han, Lwin May Oo, Tin Tin Hla, Win Zaw and Khine Soe Win*

9:50-10:10  
**Paper-21**  
Potential risk factors of cardiovascular diseases among adolescent students at two selected schools in Yangon  
*Sandar Kyi, Win Lai May, Han Win, Aye Tha, Aung Aung Maw, Kyu Kyu San, Ni Ni Aye, Dam Lian Pau and Khin Thet Mon*

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**Auditorium - 1**  
**Day (2) - Morning Session (2)**

**Chairpersons:**  
Dr. Than Htut  
Director General  
Food and Drug Administration  
*Professor Dr. Zaw Lin Aung*  
Professor/Head  
Department of Medicine, University of Medicine 1, Yangon

10:25-10:45  
**Paper-22**  
Monitoring of water quality in Inle Lake, Myanmar  
*Mayuko Yagishita, Mya Thandar, Takehiro Suzuki, Tin Tin Win Shwe, Daisuke Nakajima and Nay Soe Maung*

10:45-11:05  
**Paper-23**  
Quantification of heavy metals in white rice and brown rice from Tha-baung Township  
*Phyo Wai Zin, Khin Phyu Phy, San San Htwe, Mya Malar, Tin Tin Han, Khin Moe Latt, Ohnmar Win, Aye Thida Tun and Thet Htet Aung*

11:05-11:25  
**Paper-24**  
Trend of acute poisoning cases admitted to Poison Treatment Centre, New Yangon General Hospital (2011 to 2015)  
*Min Wun, Saw Aung Moe Aye, Nyunt Thein, Zaw Lynn Aung, Moe Moe Aye, Thiri Aung, Kyi Kyi Myint, Phyu Phyu Aye and Thin Thin Hlaing*

11:25-11:45  
**Paper-25**  
Plasma malondialdehyde level and vibration perception threshold in non-exposed subjects and lead-exposed battery workers  
*Thura Tun Oo, Zaw Linn Thein, Zarli Thant and Ohnmar*

11:45-12:05  
**Paper-26**  
The effect of mirror therapy in stroke patients with left visual hemineglect  
*Phyu Phyu Aung, Khin Saw Oo and Khin Myo Hla*
**45th Myanmar Health Research Congress**  

**Programme**  

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**Auditorium -1**  

**Day (2) - Afternoon Session (1)**  

**Chairpersons:**  
Brig. Gen. Tin Maung Hlaing  
Commandant Officer  
Defence Services Medical Research Centre  
Dr. Khin Lin  
Deputy Director General  
(Retired/Expert)  
Department of Medical Research  

**1:00-1:20**  
**Paper-27**  
Antibody kinetic of *falciparum* and *vivax* malaria merozoite surface protein 1 among the local residents in Myanmar Artemisinin Resistance Containment Zone I  
Myat Htut Nyunt, Myat Phone Kyaw, Thinzar Shein, Soe Soe Han, Ni Ni Zaw, Kyaw Zin Thant and Eun-Taek Han  

**1:20-1:40**  
**Paper-28**  
Determination of *in vitro* artesunate sensitivity against *Plasmodium falciparum* in Shwe Kyin Township, Bago Region  
Myo Win Htun, Kay Thwe Han, Khin May Oo, Wah Win Htike, Than Than Su, Thi Thi Htoon and Kyin Hla Aye  

**1:40-2:00**  
**Paper-29**  
Therapeutic efficacies of two different ACT and their relation to K13 mutations in sentinel sites of Myanmar  
Kay Thwe Han, Khin Lin, Moe Kyaw Myint, Aung Thi, Kyin Hla Aye, Zay Yar Han, Maria Dorina Bustos, Pascal Ringwald and Myaing Myaing Nyunt  

**2:00-2:20**  
**Paper-30**  
Efficacy of chloroquine in vivax malaria in adults in Homalin  
Khin Phyu Pyar, Sai Aik Hla, Soe Win Hlaing, Chan Aye Aung, Aung Phyoe Kyaw and Tin Maung Hlaing  

**2:20-2:40**  
**Paper-31**  
Compliance of service providers from private and NGO sectors in prescribing Primaquine according to National anti-malarial treatment guideline in selected townships in Myanmar  
Myo Kyaw Lwin, Kyaw Zay Ya, Su Yee Mon, Wai Hlaing Soe, Sai San Moon Lu and Aung Thi  

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**Auditorium -1**  

**Day (2) Afternoon Session (2)**  

**Chairpersons:**  
Dr. Myat Phone Kyaw  
Deputy Director General  
(Retired)  
Department of Medical Research  
Col. Professor Khin Phyu Pyar  
Senior Head  
Defense Services General Hospital  

**3:00-3:20**  
**Paper-32**  
Study on panorama of border malaria in Ta-mu Township  
Khin Lin, Moe Kyaw Myint, Aung Thu, Mya Moe, Win Aung and Kyaw Zin Thant
### Day 2 (SRC Parallel Session)

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<tr>
<th>Time</th>
<th>Paper</th>
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<tr>
<td>08:30-08:50</td>
<td>Paper 37</td>
<td>Different types of anaemia in pregnancy</td>
<td>Ei Myat Nwe, Zaw Myint Thein, Mya Thida and San San Myint</td>
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<tr>
<td>08:50-09:10</td>
<td>Paper 38</td>
<td>Effectiveness and safety of postplacental and early postpartum insertion of intrauterine contraceptive device</td>
<td>Thiri Htun, Aye Aye Than, Myint Thet Mon, Mya Thida and San San Myint</td>
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<tr>
<td>09:10-09:30</td>
<td>Paper 39</td>
<td>Cervical cytological patterns of women living in suburban area of Magway Township</td>
<td>Myat Pyone, Phyu Phyu Myint Tun and San San Myint</td>
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<tr>
<td>09:30-9:50</td>
<td>Paper 40</td>
<td>A comparative study on effect of sublingual versus vaginal misoprostol in management of first trimester miscarriage in Magway Teaching Hospital</td>
<td>Thin Thin Aye, Khin Latyar Aung and San San Myint</td>
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### Programme

#### Day (2) Morning Session (2)

**Chairpersons:**
- **Professor Dr. Aye Aung**
  - Rector (Retired/Expert)
  - University of Medicine 2, Yangon
- **Dr. Kyaw Oo**
  - Deputy Director General
  - Department of Human Resources for Health

**Paper-41**

Determinants of utilization of antenatal care services among women in Kungyangone Township, Myanmar  
*May Myo Kywe, Saw Saw, Mya Thida, Win Win Mya and San San Myint*

**Paper-42**

Baseline practices and coverage of maternal newborn and child health care in Kanpetlet Township, Southern Chin State, Myanmar  
*Thida, Nyein Nyein Thaung, Kyaw Oo, Kyaw Ko Ko Htet, Phyu Phyu Thin Zaw and Win Aung*

**Paper-43**

Maternal, newborn and child health care practices among mothers from Paletwa Township in Southern Chin State, Myanmar  
*Kyaw Thu Soe, Yadanar Aung and Kyaw Oo*

**Paper-44**

Mindfulness-integrated reproductive health package for adolescents with parental HIV infection: A group randomized-controlled trial  
*Myo Myo Mon, Kyaw Min Htut, Htun Nyunt Oo, Wai Wai Myint, Lwin Lwin Ni, Aung Soe Min and Ni Ni Htay Aung*

**Paper-45**

Promoting key family practices of common childhood illnesses among mothers with under-five children in selected military communities  
*Ni Ni Aung and Kay Thi Tun*

**Paper-46**

Women’s pathways to postabortion care in three regions of Myanmar  
*Ni Ni, Cheri Poss, Tin Lei Lei Aung, Thwe Thwe Win, Myint Thu Lwin, Sally Dijkerman, Jamie Menzel and Kathryn Andersen*

### Day (2) Afternoon Session (1)

**Chairpersons:**
- **Professor Dr. Soe Aung**
  - President
  - Oncology Society, Myanmar Medical Association
- **Professor Dr. Htun Lwin Nyein**
  - Professor
  - Department of Clinical Haematology, University of Medicine 1, Yangon

**Paper-47**

Genotypic analysis of Epstein-Barr virus (EBV) in nasopharyngeal carcinoma patients in Myanmar  
*Moh Moh Htun, Chaw Su Hlaing, Myat Mon Oo, Kay Thi Aye, Aung Zaw Latt, Soe Aung, Hlaing Myat Thu, Khin Pyone Kyi and Kyaw Zin Thant*
1:20-1:40  
**Paper-48**  
Population-based cervical cancer prevention in Myanmar: Evaluation of a pilot program  
*Cynthie Tinoo, Ohnmar Thin, Mon Mon, Theingi Myint, Khin Tar Tar and Daniel B. Fishbein*

1:40-2:00  
**Paper-49**  
Alcohol drinking as a major risk factor for gastric malignancies in Chin State  
*Swe Zin Linn, Soe Oo, Hnin Pa Pa Khine and Kyaw Oo*

2:00-2:20  
**Paper-50**  
Role of flow cytometric immunophenotyping in diagnosis of multiple myeloma  
*San San Htwe, Htun Lwin Nyein, Aye Mya Khine, Khin La Pyae Tun, Win Pa Pa Naing, Ni Ni Win, Moe Thuzar Min, Sein Win and Khin Saw Aye*

2:20-2:40  
**Paper-51**  
Knowledge and practices on leukemia disease among caregivers of childhood leukemia patients attending Hemato-Oncology follow-up clinic at Yangon Children Hospital  
*Aye Mya Khine, Win Pa Pa Naing, Khin La Pyae Tun, Wai Wai Han, Aye Aye Khaing, Htaik Tint Tun, Ni Ni Win and Moe Thuzar Min*

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**SRC Conference Hall**  
**Day (2) Afternoon Session (2)**

Chairpersons:  
Professor Dr. Rai Mra  
President  
Myanmar Medical Association  

Professor Dr. Htin Aung Saw  
Professor/Head (Retired)  
Department of Tropical Medicine, University of Medicine 2, Yangon

03:00-03:20  
**Paper-52**  
Contribution and constraints for the involvement of people living with HIV in HIV prevention and control activities: A qualitative study at Mandalay Region  
*Kyaw Thu Soe, Than Win, Zaw Zaw Aung, Yadanar Aung, Thida Aung and Thura Ko Ko*

03:20-03:40  
**Paper-53**  
Anemia, immunologic status and rate of mortality among HIV infected children on Antiretroviral Therapy  
*Khaing Lay Mon*

03:40-04:00  
**Paper-54**  
Determinants of treatment adherence in patient with HIV/AIDS taking Antiretroviral Therapy at Insein General Hospital  
*Aung Ko Lwin, Aye Thida Htun and Thidar Aung*

04:00-04:20  
**Paper-55**  
Preliminary study of mutations within Enhancer II and BCP regions of hepatitis B virus in hepatocellular carcinoma patients  
*Yi Yi Kyaw, Hnin Ohmar Soe, Naing Naing Htun, Ohmar Lwin, So Young Kim, Wai Myat Thwe, Win Naing and Jae Hun Cheong*

04:20-04:40  
**Paper-56**  
Sero-prevalence of hepatitis B and C viral infections among hemodialysis patients in 500 bedded Yangon Specialty Hospital  
*Aye Aye Lwin, Kyi May Htwe, Nan Cho Nwe Mon, Khin Than Maw, Khaing Zar Win, Chuu Pwint Phyu, Moh Moh Hlaing, Khin Thidar Thwin and Khin Saw Aye*
**Day 3**

**Auditorium - 1**

**Day (3) - Morning Session (1)**

**Chairpersons:**
- Professor Dr. Myat Thandar Rector
  University of Nursing, Yangon
- Professor Dr. Ye Myint Kyaw Professor/Head
  Department of Child Health, University of Medicine 1, Yangon

08:30-08:50
**Paper-57**
Phylogenetic analysis of Myanmar human respiratory syncytial virus from under five children with acute respiratory infection admitted to Yangon Children Hospital
Kay Thi Aye, Aung Zaw Latt, Theingi Win Myat, Sandar Aung, Wah Wah Aung, Ye Myint Kyaw, Hlaing Myat Thu and Kyaw Zin Thant

08:50-09:10
**Paper-58**
Molecular detection of human rhinoviruses in children with influenza-like illness attending Yangon Children Hospital, 2016
Htin Lin, Hlaing Myat Thu, Theingi Win Myat, Win Mar, Khaing Moe Aung, Khin Khin Oo, Khin Sandar Aye, Thida Kyaw and Ye Myint Kyaw

09:10-09:30
**Paper-59**
Common bacterial pathogens among Myanmar children with acute respiratory tract infection
Thi Thi Httoo, Nan Aye Thida Oo, Wah Wah Aung, Hlaing Myat Thu, Mon Mon, Wah Win Htike, Htay Htay Tin and Kyaw Zin Thant

09:30-09:50
**Paper-60**
Influence of electrical ionic field exposure on red cell deformability, resting metabolic rate and insulin sensitivity in obese adult females
Khin Mi Mi Lay, Ohnmar, Nway Htike Maw, Pyae Phyo Kyaw, Sandar Win, Htike Htike Soe, Htay Htay Lwin, Kyi Kyi Htwe and Theingi Thwin

09:50:10:10
**Paper-61**
Nurturing experiences of care providers of institutionalized children at training school for boys, Thanlyin
Thae Hnin Soe, Naw Clara and Khin Sandar Tun

**Auditorium - 1**

**Day (3) - Morning Session (2)**

**Chairpersons:**
- Professor Dr. Htin Zaw Soe Rector
  University of Community Health
- Professor Dr. Than Win Nyunt Professor
  Department of Geriatrics,
  University of Medicine 1, Yangon

10:25-10:45
**Paper-62**
Awareness on symptoms, complications and preventive health behaviours of menopause among women in Insein Township
May Lei Lei Oo, Cho Mar Kaung Myint, Su Htay Lwin and Khaing Lay Mon

--- ix ---
10:45-11:05  Paper-63  What, how and why they drink? : Drinking of alcoholic beverages among youths in Twantay Township  
*Aung Pyae Phyo, Pa Pa Soe, Saw Saw and Phyo Aung Naing*

11:05-11:25  Paper-64  Physical fitness of the elderly at the Home for the Aged (Hninzigone), Yangon  
*Khin Mi Mi Lay, Nway Htike Maw, Pyae Phyo Kyaw, Sandar Win, Khin San Lwin, Htet Htet Lwin, Yi Yi Mon, Lei Lei Win Hlaing and Theingi Thwin*

11:25-11:45  Paper-65  Lived experiences of senior citizens attending at Day Care Center for the Aged in Yangon: A Phenomenological approach  
*Khin Aye Aye Mon, Nyein Nyein Kyawt Aung and Hla Hla Aye*

11:45-12:05  Paper-66  Detection of metabolic-based resistance against pyrethroids in *Aedes aegypti* from selected areas in Mandalay  
*Yi Yi Mya, Mya Nilar Chaw Su, Naw Hnin Myint, Than Myat Soe, Tun Tun Win, Than Than Htwe, Si Si Aung, Nwe Nwe Aye and Mie Mie Sein*

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**Auditorium - 1**  
**Day (3) - Afternoon Session (1)**

**Chairpersons:**  
Professor Dr. Ne Win  
Director (Retired)  
National Health Laboratory  
Professor Dr. Myint Myint Nyein  
Professor/Head  
Department of Pathology, University of Medicine 1, Yangon

1:00-1:20  Paper-67  Urinary albumin to creatinine ratio and the degree of coronary artery narrowing in patients undergoing coronary angiography  
*Khine Wai Mon, Saw Wut Hmone, Myint Myint Nyein and Myat Mon*

1:20-1:40  Paper-68  Ki-67 immunoexpression in gestational trophoblastic diseases  
*Nyein Nyein Soe, Saw Wut Hmone, Myint Myint Nyein and Myat Mon*

1:40-2:00  Paper-69  Immunodetection of human epidermal growth factor receptor 2 (HER2) overexpression in carcinoma breast  
*Aye Myat Mon, Aye Aye Khin and May Than Naing*

2:00-2:20  Paper-70  Immunoexpression of Pan-cytokeratin and leucocyte common antigen in common malignant nasopharyngeal tumors  
*Phyo Thu San, Htay Hla, San San Hlaing, Khin Khin Phyu, Thandar Khing and Saw Nu Nu Hlaing*
**Chairpersons:**  
*Professor Dr. Zaw Wai Soe*  
University of Medicine 1, Yangon  
*Professor Dr. Myint San Nwe*  
Department of Anatomy, University of Medicine 1, Yangon

**Day (3) - Afternoon session (2)**

**2:40-3:00**  
*Paper-71*  
Immunohistochemical expression of C-Kit (CD117) in interstitial cells of Cajal in the myenteric plexus of fundus and pyloric antrum of human fetal stomach  
*Hnin Ei Hlaing, Myint San Nwe and Suu Sanda Aye*

**3:00-3:20**  
*Paper-72*  
Satellite cells of adult human skeletal muscle with M-Cadherin immunohistochemical expression in autopsy cases  
*Thu Thu Ohn Myint, Myint San Nwe and Zaw Zaw Latt*

**3:20-3:40**  
*Paper-73*  
CD117 immunohistochemical expression in telocytes within the cholelithiasis and stone-free human adult gall bladders  
*Zaw Ye Myint, Myint San Nwe and Saw Sandar Thane*

**3:40-4:00**  
*Paper-74*  
Immunohistochemical expression of Ki-67 proliferation associated nuclear antigen in the ductal cells of human fetal pancreas  
*Aye Aye Mon, Myint San Nwe and Soe Soe Thein*

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**Day 4**

**Chairpersons:**  
*Dr. Yi Yi Myint*  
Director General Department of Traditional Medicine  
*Professor Dr. Nu Nu Aye*  
Professor/Head Department of Pharmacology, University of Medicine 2, Yangon

**Day (4) - Morning Session (1)**

**08:30-08:50**  
*Paper-75*  
Hepatoprotective activity of *Tinospora cordifolia* Miers. stem on Carbon tetrachloride (CCL) induced hepatotoxicity in albino rats  
*Khine Khine Lwin, Mu Mu Sein Myint, Moh Moh Htun, Khin Phyu Phyu, Win Win Maw, Phyu Phyu Win, Nu Nu Win, Myint Myint Khine and San San Myint*

**08:50-09:10**  
*Paper-76*  
Hypoglycemic effect of *Terminalia chebula* Retz. (Phan-kha-thee) on diabetic albino rat models  
*Ei Pyae Phyo Aung, Shin Hnaung Lwin, Nu Nu Aye and Khin Phyu Phyu*

**09:10-09:30**  
*Paper-77*  
Hepatoprotective effect of ethanolic extract of *Andrographis paniculata* Nees. (say-gha-gyi) leaves on paracetamol-induced hepatotoxicity in albino rats  
*Ei Mon Mon Hlaing, Myint Myint Than, Khin Phyu Phyu and Nu Nu Aye*
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<th>Time</th>
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<th>Title</th>
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<tr>
<td>09:30-09:50</td>
<td>Paper-78</td>
<td>Effect of omeprazole on pharmacokinetics of metformin in healthy volunteers</td>
<td>Ei Ei Aung, Khine Khine Lwin, Nu Nu Aye and Thein May Saw</td>
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**Auditorium - 1**

**Day (4) - Morning Session (2)**

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<tbody>
<tr>
<td>10:45-11:05</td>
<td>Paper-81</td>
<td>Standardization, safety evaluation and anti-diarrhoeal activity of unripe fruit of Aegle marmelos L. (Rutaceae)</td>
<td>Khin Tar Yar Myint, Khine Khine Lwin, Mu Mu Sean Myint, Mi Mi Htwe, Myint Myint Khine, Phyu Phyu Win, Mar Mar Myint, San San Myint and Khin Phyu Phyu</td>
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<tr>
<td>11:05-11:25</td>
<td>Paper-82</td>
<td>Determination of effect of Omega-3 fatty acid with atorvastatin treatment on combined hyperlipidaemic patients</td>
<td>Zaw Hlaing Oo, Zaw Min Htun, Aung Zay Hein and Tin Maung Hlaing</td>
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<td>11:25-11:45</td>
<td>Paper-83</td>
<td>Effect of erythromycin on pharmacokinetics of cyclosporine in healthy Myanmar volunteers</td>
<td>Su Mon Thwe, Yin Mon Thwe, Nang Hla Hla Win and Aye Pwint Phyu</td>
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<td>11:45-12:05</td>
<td>Paper-84</td>
<td>Effects of dry Calyx of Hibiscus sabdariffa Linn. (Chin-baung-ni) on serum lipid profile and serum uric acid in hyperlipidemic subjects</td>
<td>May June Hsann, Lwin Moe May and Nang Hla Hla Win</td>
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**Auditorium - 1**

**Day (4) Afternoon Session (1)**

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<th>Time</th>
<th>Paper-85</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>1:00-1:20</td>
<td>Paper-85</td>
<td>Quantitative analysis of paracetamol and orphenadrine citrate from new product, market samples and in human serum</td>
<td>Khaing Mon Aye, Khin Thane Oo, Myo Myint, Aung Kyaw Moe and Aung Zaw</td>
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<td>Time</td>
<td>Paper</td>
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<td>1:20-1:40</td>
<td>Paper-86</td>
<td>Blood glucose lowering effect of seed of <em>Luffa acutangula</em> (Linn.)</td>
<td>Swe Swe, Win Myint, Ei Ei Htway, Kyi Kyi Oo, Swe Zin Aung, Aye Aye Phyu, May Thandar Htun, Rai Kit and Win Aung</td>
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<td>1:40-2:00</td>
<td>Paper-87</td>
<td>Lipid lowering effect of <em>Ziziphus jujuba</em> Lam. (Zee-Chin) fruit in</td>
<td>Nyein Chan Pyae, Myat Min and Yee Yee Tin</td>
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<td>2:00-2:20</td>
<td>Paper-88</td>
<td>Effect of different room temperature conditions on breeding</td>
<td>Sandar Lin, Aye Win Oo, Htay Yee, Kyaw Kyaw Wai, Nyunt Nyunt, Than Tint, Aye Aye Shwe, Thida and Win Aung</td>
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<td>3:00-3:20</td>
<td>Paper-90</td>
<td>Determination of antioxidant activities, bioactive components and</td>
<td>Lei Lei Win, Ei Ei Htway, Aye Min Maw, Kyawt Kyawt Khaing, Aung Thura, Aye Aye Phyu, Thandar Myint Thaw, Swe Swe and Win Aung</td>
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<td>3:40-4:00</td>
<td>Paper-92</td>
<td>Serum zinc and retinol levels in apparently healthy adolescents</td>
<td>Phyu Phyu Khin, Kyu Kyu Maung and Than Than Soe</td>
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<td>4:00-4:20</td>
<td>Paper-93</td>
<td>Detection of Russell’s viper (<em>Daboia siamensis</em>) venom concentration</td>
<td>Thet Thet Mar, Win Aung, Zaw Myint, Aye Win Oo, Tin Ko Ko Oo, Lwin Zar Maw and Nwe Ni Aung</td>
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Auditorium - 1  Day (4) Afternoon Session (2)
Programme

45th Myanmar Health Research Congress

Day 5

Auditorium - 1

Day (5) - Morning Session (1)

Chairpersons: Professor Dr. Wah Win Htike Professor Dr. Win Win Maw Professor/Head Professor/Head Department of Microbiology, Department of Microbiology, University of Medicine 1, Yangon University of Medicine 2, Yangon

08:30-08:50 Paper-94 Fluoquinolone resistance among drug resistant Mycobacterium tuberculosis isolates from Yangon and Mandalay Region, Myanmar Phyu Win Ei, Wah Wah Aung, Jong Seok Lee, Wint Wint Nyunt, Thyn Lei Swe, Mi Mi Htwe, Su Mon Win, Hyeyoung Lee and Chulhun L Chang

08:50-09:10 Paper-95 Urinary lateral flow lipoarabinomannan (LF-LAM) test in prediction of TB in HIV infection Ne Myo Aung, Mar Mar Kyi, Swe Swe Thit, Josh Hanson, Mark Boyd and Htin Aung Saw

09:10-09:30 Paper-96 Antimicrobial resistance of vibrio cholerae among patients admitted for acute watery diarrhea in hospitals of Mandalay City Saw Myat Thwe, Kay Thwe Thwe Maung, Moe Kyaw Myint, Cherry Kyaw Win, Yi Yi, Aye Aye Myint and Yi Yi Myint

09:30-09:50 Paper-97 Bacteriological profile of diabetic wound infections in Yangon General Hospital and New Yangon General Hospital Yu Wah Lwin, Mya Mya Aye, Wah Win Htike, Thin Thin Mar, Khine Mar Oo, Than Mya and Thuzar Myint

09:50-10:10 Paper-98 Phenotypic and genotypic characteristics of Carbapenem-Resistant Enterobacteriaceae among clinical samples from Yangon General Hospital Mya Mya Aye, Khwar Nyo Zin, Hpoo Pwint Myo Win, Yu Wah Lwin, Hideharu Hagiya, Shigeyuki Hamada and Moh Moh Htun

Auditorium - 1

Day (5) - Morning Session (2)

Chairpersons: Dr. Hlaing Myat Thu Professor Dr. Khin Nyo Thein Deputy Director General Professor/Head Department of Medical Department of Child Health, Research University of Medicine 2, Yangon

10:25 -10:45 Paper-99 Molecular detection of group A rotavirus in under five children with acute diarrhea admitted to Yangon Children Hospital Nang Sarm Hom, Theingi Win Myat, Wah Win Htike, Cho Cho Oo, Khin May Oo, Thinn Thinn Shwe, Win Mar, Thida Kyaw and Khin Khin Oo

~ xiv ~
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<th>Time</th>
<th>Paper</th>
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<tr>
<td>10:45-11:05</td>
<td>100</td>
<td>Viral pathogens associated with acute lower respiratory infections among hospitalized children in Yangon Children Hospital</td>
<td>Han Win, Htin Lin, Mo Mo Win, Lay-Myint Yoshida, Wah Wah Aung, Ssu Wynn Mon, Hlaing Myat Thu and Ye Myint Kyaw</td>
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<td>11:25:11:45</td>
<td>102</td>
<td>Clinical severity of rotavirus diarrhoea in relation to molecular characterization of different strains</td>
<td>Kyin Hlaing, Kyaw Zin Wai, Khin Nyo Thein, Ye Myint Kyaw, Myint Myint Than, Ei Ei Shwe, Hlaing Myat Thu, Mo Mo Win and Theingi Win Myat</td>
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<td>11:45:12:05</td>
<td>103</td>
<td>Comparison of clinical and virological characteristics among infants, children and adults with dengue infection during 2015 dengue outbreak</td>
<td>Theingi Win Myat, Hlaing Myat Thu, Ye Myint Kyaw, Khin Saw Than, Hlaing Mya Win, Zaw Than Tun, Htin Lin, Win Kay Khine and Kyaw Zin Thant</td>
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