

45th MYANMAR HEALTH RESEARCH CONGRESS

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

INAUGURAL SESSION

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

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

Day 1 (Auditorium-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
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10:00-10:20 Paper- 1	Diet consumption pattern of primary school children from four geographical regions of Myanmar <i>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</i>
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10:20-10:40 Paper- 2	Heterogeneous prevalence of subclinical malaria measured by ultrasensitive PCR in Myanmar <i>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</i>
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10:40-11:00 Paper-3	Assessment of utilization of Urban Health Centers in Yangon and Mandalay Regions <i>Kyaw Oo, Khin Thet Wai, Yin Thet Nu Oo, Saw Saw, Yadanar Aung, Kyaw Thu Soe, Su Latt Tun Myint and Wai Wai Han</i>
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11:00-11:20 Paper- 4	Pilot study on newly developed botanical larvicides and repellents against Aedes mosquitoes in Myanmar <i>Htin Zaw Soe, Sein Min, Maung Maung Mya, Khine Khine Lwin, Aye Win Oo and Myat Khine</i>
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11:20-11:40 Paper- 5	The distribution of HLA-A alleles frequencies in 8 major ethnic groups of Myanmar <i>Zin Zin Thu, Win Shwe Zin, Than Hteik, Thandar Tun, Myat Myat Hnin, Kyinlannar, Yu Yu Kyaw, Ko Ko Zaw and Hiroh Saji</i>
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Day 1 (Auditorium-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
13:00-13:20 Paper- 6	Determination of insecticide resistance in dengue vector upon selection pressure with malathion <i>Mya Nilar Chawsu, Yi Yi Mya, Naw Hnin Myint, Tun Tun Win, Si Si Aung and ThanThan Htwe</i>	
13:20-13:40 Paper- 7	Molecular characterization of dengue 1 virus affecting adults admitted to Yangon General Hospital, Myanmar <i>Hlaing Myat Thu, Theingi Win Myat, Aung Zaw Latt, Khin Saw Than, Hlaing Mya Win, Zaw Than Tun, Thida Kyaw and Kyaw Zin Thant</i>	
13:40-14:00 Paper- 8	Clinical characteristics of dengue haemorrhagic fever in the adults and adolescents <i>Ne Myo Aung, Myo Lwin Nyein, Mar Mar Kyi and Cho Cho Khine</i>	
14:00-14:20 Paper- 9	Knowledge on dengue haemorrhagic fever and larva survey in urban area of Thanbyuzayat Township, Mon State <i>Phyo Aung Naing, Yan Naung Maung Maung, Thae Maung Maung, Mya Thandar, Maung Maung Mya, Aung Pyae Phyo and Cho Thet Khine</i>	
14:20-14:40 Paper- 10	Msp1 and msp2 Allelic distribution among falciparum malaria patients at No. (1) Defence Services General Hospital <i>Khine Zaw Oo, Myo Thant, Thet Maung Oo, Khine Khine Su, Khin San San, Khin Phyu Pyar, Thein Zaw and Tin Maung Hlaing</i>	

Day 1 (Auditorium-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
15:00-15:20 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 <i>Khin Thet Wai, Thae Maung Maung, Phyo Aung Naing, Kyaw Lwin Show, Kyaw Min Htut, Moe Thida and Young Hee Min</i>	
15:20-15: 40 Paper- 12	Factors influencing the choice of place of delivery and attendants in selected remote area of Myanmar <i>Nay Chi Htet Htet Lin Aung, Hla Hla Win, Khaing Nwe Tin, Pa Pa Soe and Thae Maung Maung</i>	
15:40-16:00 Paper- 13	Out of pocket expenditure on maternal and child health care services among rural households in a selected township, Myanmar <i>Wai Wai Han, Saw Saw, Hla Mya Thway Einda, Nyi Nyi Zayar, Phyu Phyu Aye, Hnin Lae Yi Khaing and Myo Thurein Latt</i>	

16:00-16:20 Paper- 14	How social norms limited health services for rape survivors: why health services for rape survivors still unmet need? <i>Su Su Yin, Philippe Doneys, Donna L. Doane and Grunbuhel Clemens</i>
16:20-16:40 Paper 15	Optimizing the role of auxiliary midwives in Myanmar: feasibility and acceptability of task shifting essential maternal and newborn health interventions <i>Kyu Kyu Than, Thazin La, Thandar Aye, Tin Tin Wai, Theingi Myint, Saw Saw, Alison Morgan and Stanley Luchters</i>
16:40-17:00 Paper 16	Understanding the public health system in Rakhine State, Myanmar: Towards inclusive health service provision <i>Thaung Hlaing, Allison Gocotano, Jorge Mario Luna, Maung Maung Ye Zin Zin, ThihaAung and Aung Thurein</i>

Day 2

Day 2 (Auditorium-1)

Morning Session (1)

Chairpersons:	Dr. Tin Tin Lay Director General Department of Human Resources for Health	Professor Dr. Aye Tun Rector University of Medicine, Magway
8:30-8:50 Paper- 17	Screening of microalbuminuria and estimated glomerular filtration rate in type 2 diabetes mellitus for early detection of renal dysfunction <i>Khin Aye Thin, Aye Aye Khin, Win Kalayar Kyaw, Myat Su Mon Zaw and Ei Ei Mon Aung</i>	
8:50-9:10 Paper- 18	Metabolic risk factors and associated morbidities among adult urban people in Pyin Oo Lwin Township <i>Khin Moe Aung, Myint Myint Khaing, Nyein Nyein Thaung, Nanda Ko, Aye Min Maw, Myitzu Tin Oung, Kyaw Thu and Win Aung</i>	
9:10-9:30 Paper- 19	Selective non-communicable diseases risk factors status of female school teachers from Dagon Myothit (North) Township in Yangon, Myanmar <i>Khin Mittar Moe San, Umi Fahmida, Fiastuti Wijaksono, Htin Lin, Ko Ko Zaw and Min Kyaw Htet</i>	
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 <i>Mya Win Hnit, Wanna Tun, Tin Myo Han, Lwin May Oo, Tin Tin Hla, Win Zaw and Khine Soe Win</i>	
9:50-10:10 Paper- 21	Potential risk factors of cardiovascular diseases among adolescent students at two selected schools in Yangon <i>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</i>	

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

Chairpersons:	Dr. Than Htut Director General Department of 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 <i>Mayuko Yagishita, Mya Thandar, Takehiro Suzuki, Tin Tin Win Shwe, Daisuke Nakajima and Nay Soe Maung</i>	
10:45-11:05 Paper- 23	Quantification of heavy metals in white rice and brown rice from Tha-baung Township <i>Phyo Wai Zin, Khin Phyu Phyu, San San Htwe, Mya Malar, Tin Tin Han, Khin Moe Latt, Ohnmar Win, Aye Thida Tun and Thet Htet Aung</i>	
11:05-11:25 Paper- 24	Trend of acute poisoning cases admitted to Poison Treatment Centre, New Yangon General Hospital (2011 to 2015) <i>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</i>	
11:25-11:45 Paper- 25	Plasma malondialdehyde level and vibration perception threshold in non-exposed subjects and lead-exposed battery workers <i>Thura Tun Oo, Zaw Linn Thein, Zarli Thant and Ohnmar</i>	
11:45-12:05 Paper- 26	The effect of mirror therapy in stroke patients with left visual hemineglect <i>Phyu Phyu Aung, Khin Saw Oo and Khin Myo Hla</i>	

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

Chairpersons:	Brig. General Tin Maung Hlaing Commandant Officer Defense Services Medical Research Centre	Dr. Khin Lin Deputy Director General (Retired/ Expert) Department of Medical Research
13:00-13:20 Paper- 27	Antibody kinetic of falciparum and vivax malaria merozoite surface protein 1 among the local residents in Myanmar Artemisinin Resistance Containment Zone I <i>Myat Htut Nyunt, Myat Phone Kyaw, Thinzar Shein, Soe Soe Han, Ni Ni Zaw, Kyaw Zin Thant and Eun-Taek Han</i>	
13:20-13:40 Paper- 28	Determination of <i>in vitro</i> artesunate sensitivity against <i>Plasmodium falciparum</i> in Shwe Kyin Township, Bago Region. <i>Myo Win Htun, Kay Thwe Han, Khin May Oo, Wah Win Htike, Than Than Su, Thi Thi Htoon and Kyin Hla Aye</i>	
13:40-14:00 Paper- 29	Therapeutic efficacies of two different ACT and their relation to K13 mutations in sentinel sites of Myanmar <i>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</i>	

- 14:00-14:20
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 Phyo Kyaw and Tin Maung Hlaing
- 14:20-14:40
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

Day 2 (Auditorium-1)

Afternoon Session (2)

- Chairpersons:** **Dr. Myat Phone Kyaw** **Col. Professor Khin Phyu Pyar**
 Deputy Director General (Retired) **Senior Head**
 Department of Medical Research **Defense Services General Hospital**
- 15:00-15:20
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
- 15:20-15:40
Paper- 33 Evaluation of targeted mass treatment of malaria in Tanintharyi Region, Myanmar: Preliminary results
Si Thura, Aung Thi, Myat Phone Kyaw, Kay Thwe Han, Phyo Maung Maung, Christopher V. Plowe, Adam Richard, Tom Lee and Myaing Myaing Nyunt
- 15:40 -16:00
Paper- 34 Efficacy and safety of three artemisinin-based combination therapies for *Plasmodium falciparum* along the Myanmar-China and Myanmar-India border areas
Moe Kyaw Myint, Tin Oo, Aung Thi, Khin Thet Wai, Dorina Bustos, Pascal Ringwald, Charlotte Rasmussen and Khin Lin
- 16:00-16:20
Paper- 35 Ownership and utilization of insecticide-treated bed nets among migrant population in the Myanmar Artemisinin Resistance Containment (MARC) areas
Thae Maung Maung, Jaya Prasad Tripathy, Tin Oo, Khin Thet Wai, Than Naing Soe, Swai Mon Oo and Aung Thi
- 16:20-16:40
Paper- 36 Real-time quality assurance of malaria surveillance data in Myanmar and its border with China
Poe Poe Aung, Zaw Win Thein, Hnin Wai Lwin, Kay Thwe Han, Huang Fang, Janie Anne Zuber, Christopher V Plowe, Kayvan Zainabadi and Myaing Myaing Nyunt

Day 2 Parallel Session

Day 2 (SRC Lecture Theatre)

Morning Session (1)

Chairpersons:	Professor Dr. Mya Thida Professor/ Head (Retired/Advisor) Department of Obstetrics and Gynaecology University of Medicine 1, Yangon	Professor Dr. San San Myint Professor/ Head Department of Obstetrics and Gynaecology University of Medicine 1, Yangon
8:30-8:50 Paper- 37	Different types of anaemia in pregnancy <i>Ei Myat Nwe, Zaw Myint Thein, Mya Thida and San San Myint</i>	
8:50-9:10 Paper- 38	Effectiveness and safety of postplacental and early postpartum insertion of intrauterine contraceptive device <i>Thiri Htun, Aye Aye Than, Myint Thet Mon, Mya Thida and San San Myint</i>	
9:10-9:30 Paper- 39	Cervical cytological patterns of women living in Suburban area of Magway Township <i>Myat Pyone, Phyu Phyu Myint Tun and San San Myint</i>	
9:30-9:50 Paper- 40	A comparative study on effect of sublingual <i>versus</i> vaginal Misoprostol in management of first trimester miscarriage in Magway Teaching Hospital <i>Thin Thin Aye, Khin Latyar Aung and San San Myint</i>	
9:50-10:10 Paper- 41	Determinants of utilization of antenatal care services among women in Kungyangone Township, Myanmar <i>May Myo Kywe , Saw Saw, Mya Thida, Win Win Mya and San San Myint</i>	

Day 2 (SRC Lecture Theatre)

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
10:25-10:45 Paper- 42	Baseline practices and coverage of maternal newborn and child health care in Kanpetlet Township, Southern Chin State, Myanmar <i>Thida, Nyein Nyein Thaung, Kyaw Oo, Kyaw Ko Ko Htet, Phyu Phyu Thin Zaw and Win Aung</i>	
10:45-11:05 Paper- 43	Maternal, newborn and child health care practices among mothers from Paletwa Township in Southern Chin State, Myanmar <i>Kyaw Thu Soe, Yadanar Aung and Kyaw Oo</i>	
11:05-11:25 Paper- 44	Mindfulness-integrated reproductive health package for adolescents with parental HIV infection: A group randomized-controlled trial <i>Myo Myo Mon, Kyaw Min Htut, Htun Nyunt Oo, Wai Wai Myint, Lwin Lwin Ni, Aung Soe Min and Ni Ni Htay Aung</i>	
11:25-11:45 Paper- 45	Promoting key family practices of common childhood illnesses among mothers with under-five children in selected military communities <i>Ni Ni Aung and Kay Thi Tun</i>	

11:45-12:05 Women's pathways to postabortion care in three regions of Myanmar
 Paper- 46 *Ni Ni, Cheri Poss, Tin Lei Lei Aung, Thwe Thwe Win, Myint Thu Lwin, Sally Dijkerman, Jamie Menzel and Kathryn Andersen*

Day 2 (SRC Lecture Theatre)

Afternoon Session (1)

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

13:00-13:20 Genotypic analysis of Epstein-Barr virus (EBV) in nasopharyngeal carcinoma
 Paper- 47 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

13:20-13:40 Population-based cervical cancer prevention in Myanmar: Evaluation of a pilot
 Paper- 48 program
Cynthia Tinoo, Ohnmar Thin, Mon Mon, Theingi Myint, Khin Tar Tar and Daniel B. Fishbein

13:40-14:00 Alcohol drinking as a major risk factor for gastric malignancies in Chin State
 Paper- 49 *Swe Zin Linn, Soe Oo, Hnin Pa Pa Khine and Kyaw Oo*

14:00-14:20 Role of flow cytometric immunophenotyping in diagnosis of multiple myeloma
 Paper- 50 *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*

14:20-14:40 Knowledge and practices on leukemia disease among caregivers of childhood
 Paper- 51 leukemia patients attending Haemato-Oncology follow-up clinic at Yangon Children Hospital
Aye Mya Khine, Win Pa Pa Naing, Khin La Pyae Tun, Wai Wai Han, Aye Aye Khine, Htaik Tint Tun, Ni Ni Win and Moe Thuzar Min

Day 2 (SRC Lecture Theatre)

Afternoon Session (2)

Chairpersons: **Professor Dr. Rai Mra** **Professor Dr. Htin Aung Saw**
President **Professor/ Head (Retired)**
Myanmar Medical Association **Department of Tropical Medicine**
University of Medicine 2, Yangon

15:00-15:20 Contribution and constraints for the involvement of people living with HIV in
 Paper- 52 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

15:20-15:40 Anemia, immunologic status and rate of mortality among HIV infected children
 Paper- 53 on Antiretroviral Therapy
Khaing Lay Mon

15:40-16:00 Determinants of treatment adherence in patient with HIV/AIDS taking
 Paper- 54 Antiretroviral Therapy at Insein General Hospital
Aung Ko Lwin, Aye Thida Htun and Thidar Aung

- 16:00-16:20
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
- 16:20-16:40
Paper- 56 Sero-prevalence of hepatitis B and C viral infections among haemodialysis 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

Day 3 (Auditorium-1)

Morning Session (1)

- Chairpersons:** **Professor Dr. Myat Thandar** **Professor Dr. Ye Myint Kyaw**
Rector **Professor/ Head**
University of Nursing, Yangon **Department of Paediatrics**
University of Medicine 1, Yangon
- 8:30-8:50
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
- 8:50-9:10
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
- 9:10-9:30
Paper- 59 Common bacterial pathogens among Myanmar children with acute respiratory tract infection
Thi Thi Htoon, Nan Aye Thida Oo, Wah Wah Aung, Hlaing Myat Thu, Mon Mon, Wah Win Htike, Htay Htay Tin and Kyaw Zin Thant
- 9:30-9:50
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, Htet Htet Lwin, Kyi Kyi Htwe and Theingi Thwin
- 9:50-10:10
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

Day 3 (Auditorium-1)

Morning Session (2)

- Chairpersons:** **Professor Dr. Htin Zaw Soe** **Professor Dr. Than Win Nyunt**
Rector **Professor**
University of Community Health **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 Htar Lwin and Khaing Lay Mon

10:45-11:05 Paper- 63	What, how and why they drink? : Drinking of alcoholic beverages among youths in Twantay Township <i>Aung Pyae Phyoe, Pa Pa Soe, Saw Saw and Phyoe Aung Naing</i>
11:05-11:25 Paper- 64	Physical fitness of the elderly at the Home for the Aged (Hninzigone), Yangon <i>Khin Mi Mi Lay, Nway Htike Maw, Pyae Phyoe Kyaw, Sandar Win, Khin San Lwin, Htet Htet Lwin, Yi Yi Mon, Lei Lei Win Hlaing and Theingi Thwin</i>
11:25-11:45 Paper- 65	Lived experiences of senior citizens attending at Day Care Center for the Aged in Yangon: A Phenomenological approach <i>Khin Aye Aye Mon, Nyein Nyein Kyawt Aung and Hla Hla Aye</i>
11:45-12:05 Paper- 66	Detection of metabolic-based resistance against pyrethroids in <i>Aedes aegypti</i> from selected areas in Mandalay <i>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</i>

Day 3 (Auditorium-1)

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
13:00-13:20 Paper- 67	Urinary albumin to creatinine ratio and the degree of coronary artery narrowing in patients undergoing coronary angiography <i>Khine Wai Mon, Saw Wut Hmone, Myint Myint Nyein and Myat Mon</i>	
13:20-13:40 Paper- 68	Ki-67 immunoexpression in gestational trophoblastic diseases <i>Nyein Nyein Soe, Saw Wut Hmone, Myint Myint Nyein and Myat Mon</i>	
13:40-14:00 Paper- 69	Immunodetection of Human Epidermal Growth Factor Receptor 2 (HER2) overexpression in carcinoma breast <i>Aye Myat Mon, Aye Aye Khin and May Than Naing</i>	
14:00-14:20 Paper- 70	Immunoexpression of pan-cytokeratin and leucocyte common antigen in common malignant nasopharyngeal tumors <i>Phyo Thu San, Htay Hla, San San Hlaing, Khin Khin Phyu, Thandar Khing and Saw Nu Nu Hlaing</i>	

Day 3 (Auditorium-1)

Afternoon Session (2)

Chairpersons:	Professor Dr. Zaw Wai Soe Rector University of Medicine 1, Yangon	Professor Dr. Myint San Nwe Professor/ Head Department of Anatomy University of Medicine 1, Yangon
14:40-15:00 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 <i>Hnin Ei Hlaing, Myint San Nwe and Suu Sanda Aye</i>	
15:00-15:20 Paper- 72	Satellite cells of adult human skeletal muscle with M-Cadherin immuno-histochemical expression in autopsy cases <i>Thu Thu Ohn Myint, Myint San Nwe and Zaw Zaw Latt</i>	

15:20-15:40 CD117 immunohistochemical expression in Telocytes within the cholelithiasis
 Paper- 73 and stone-free human adult gall bladders
Zaw Ye Myint, Myint San Nwe and Saw Sandar Thane

15:40-16:00 Immunohistochemical Expression of Ki - 67 proliferation associated nuclear
 Paper- 74 antigen in the ductal cells of human fetal pancreas
Aye Aye Mon, Myint San Nwe and Soe Soe Thein

Day 4

Day 4 (Auditorium-1)

Morning Session (1)

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

8:30-8:50 Hepatoprotective activity of *Tinospora cordifolia* Miers. stem on Carbon
 Paper- 75 tetrachloride (CCl₄) 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

8:50-9:10 Hypoglycemic effect of *Terminalia chebula* Retz. (Phan-kha-thee) on diabetic
 Paper- 76 albino rat models
Ei Pye Phyo Aung, Shin Hnaung Lwin, Nu Nu Aye and Khin Phyu Phyu

9:10-9:30 Hepatoprotective effect of ethanolic extract of *Andrographis paniculata* Nees.
 Paper- 77 (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

9:30- 9:50 Effect of omeprazole on pharmacokinetics of metformin in healthy volunteers
 Paper- 78 *Ei Ei Aung, Khine Khine Lwin, Nu Nu Aye and Thein May Saw*

9:50-10:10 Antimicrobial activity of *Justicia adhatoda* L. leaf extracts
 Paper-79 *Khin May Thi, Saw Myat Thwe, Soe Myint Aye, Aye Thida Htun, Ei Ei Htway, Moh Moh Lwin, Rai Kit, Aye Aye Phyu and Win Aung*

Day 4 (Auditorium-1)

Morning Session (2)

Chairpersons: **Professor Dr. San San Nwet** **Professor Dr. Nang Hla Hla Win**
Rector **Professor/ Head**
University of Pharmacy, Yangon **Department of Pharmacology**
University of Medicine 1, Yangon

10:25-10:45 Effect of Cephalexin on pharmacokinetics of Metformin in healthy volunteers
 Paper- 80 *Myo Nanda Aung, Nu Nu Aye, Shin Hnaung Lwin, Khine Khine Lwin, Ei Ei Soe and Aye Zarni*

10:45-11:05 Standardization, safety evaluation and anti-diarrhoeal activity of unripe fruit of
 Paper- 81 *Aegle marmelos* L. (Rutaceae)(ဥသျှစ်သီး)
Khin Tar Yar Myint, Khine Khine Lwin, Mu Mu Sein Myint, Mi Mi Htwe, Myint Myint Khine, Phyu Phyu Win, Mar Mar Myint, San San Myint and Khin Phyu Phyu

- 11:05-11:25
Paper-82 Determination of effect of Omega- 3 fatty acid with Atorvastatin treatment on combined hyperlipidaemic patients
Zaw Hlaing Oo, Zaw Min Htun, Aung Zay Hein and Tin Maung Hlaing
- 11:25-11:45
Paper- 83 Effect of Erythromycin on pharmacokinetics of Cyclosporine in healthy myanmar volunteers
Su Mon Thwe, Yin Mon Thwe, Nang Hla Hla Win and Aye Pwint Phyu
- 11:45-12:05
Paper- 84 Effects of dry Calyx of *Hibiscus sabdariffa* Linn. (Chin-baung-ni) on serum lipid profile and serum uric acid in hyperlipidemic subjects
May June Hsann, Lwin Moe May and Nang Hla Hla Win

Day 4 (Auditorium-1)

Afternoon Session (1)

- Chairpersons:** **Professor Dr. Thein May Saw** **Professor Dr. Yee Yee Tin**
 Professor/ Head **Professor/ Head**
 Department of Pharmacology **Department of Pharmacology**
 University of Medicine, Mandalay **University of Medicine, Magway**
- 13:00-13:20
Paper- 85 Quantitative analysis of Paracetamol and Orphenadrine Citrate from new product, market samples and in human serum
Khaing Mon Aye, Khin Thane Oo, Myo Myint, AungKyaw Moe and Aung Zaw
- 13:20-13:40
Paper- 86 Blood glucose lowering effect of seed of *Luffa acutangula* (Linn.) Roxb. (Kha-we) on adrenaline induced acute hyperglycemic albino rats
Swe Swe, Win Myint, Ei Ei Htway, Kyi Kyi Oo, Swe Zin Aung, Aye Aye Phyu, May Thandar Htun, Rai Kit and Win Aung
- 13:40-14:00
Paper- 87 Lipid lowering effect of *Ziziphus jujuba* Lam. (Zee-Chin) fruit in borderline hypercholesterolemic human volunteers
Nyein Chan Pyae, Myat Min and Yee Yee Tin
- 14:00-14:20
Paper- 88 Effect of different room temperature conditions on breeding performance of icr strain mouse
Sandar Lin, Aye Win Oo, Htay Yee, Kyaw Kyaw Wai, Nyunt Nyunt, Than Tint, Aye Aye Shwe, Thida and Win Aung
- 14:20-14:40
Paper- 89 Comparative study on the growth of weaning laboratory rats (Wistar strain) using different formulated diet feed
Htay Yee, Aye Win Oo, Sandar Lin, San San Aye, Nyunt Nyunt, Thet Htar Hlaing, Kyawt Kyawt Khaing, Thida and Win Aung

Day 4 (Auditorium-1)

Afternoon Session (2)

- Chairpersons:** **Dr. Win Aung** **Professor Dr. Theingi Myint**
 Deputy Director General (Retired) **Pro-Rector**
 Department of Medical Research **University of Medicine 1, Yangon**
- 15:00-15:20
Paper- 90 Determination of antioxidant activities, bioactive components and minerals content of *Foeniculum vulgare* (fennel) (ဖနီဖူလ်) seeds
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

15:20-15:40 Paper- 91	Serum zinc level and erythrocyte superoxide dismutase activity in patients with type 2 diabetes mellitus complicated with nephropathy <i>Ye Win Htun, May Pyone Kyaw, Kyu Kyu Maung and Aye Thidar</i>
15:40-16:00 Paper- 92	Serum zinc and retinol levels in apparently healthy adolescents <i>Phyu Phyu Khin, Kyu Kyu Maung and Than Than Soe</i>
16:00-16:20 Paper- 93	Detection of Russell's viper (<i>Daboia siamensis</i>) venom concentration in experimental envenomation animals' blood by ELISA method <i>Thet Thet Mar, Win Aung, Zaw Myint, Aye Win Oo, Tin Ko Ko Oo, Lwin Zar Maw and Nwe Ni Aung</i>

Day 5

Day 5 (Auditorium-1)

Morning Session (1)

Chairpersons:		Professor Dr. Wah Win Hteik	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
8:30-8:50 Paper- 94	Fluoroquinolone resistance among drug resistant <i>Mycobacterium tuberculosis</i> isolates from Yangon and Mandalay Region, Myanmar <i>Phyu Win Ei, Wah Wah Aung, Jong Seok Lee, Wint Wint Nyunt, Thyn Lei Swe, Mi Mi Htwe, Su Mon Win, Hye Young Lee and Chulhun L Chang</i>		
8:50-9:10 Paper- 95	Urinary lateral flow lipoarabinomannan (LF-LAM) test in prediction of TB in HIV infection <i>Ne Myo Aung, Mar Mar Kyi, Swe Swe Thit, Josh Hanson, Mark Boyd and Htin Aung Saw</i>		
9:10-9:30 Paper- 96	Antimicrobial resistance of <i>Vibrio cholerae</i> among patients admitted for acute watery diarrhea in hospitals of Mandalay City <i>Saw Myat Thwe, Kay Thwe Thwe Maung, Moe Kyaw Myint, Cherry Kyaw Win, Yi Yi, Aye Aye Myint and Yi Yi Myint</i>		
9:30-9:50 Paper- 97	Bacteriological profile of diabetic wound infections in Yangon General Hospital and New Yangon General Hospital <i>Yu Wah Lwin, Mya Mya Aye, Wah Win Htike, Thin Thin Mar, Khine Mar Oo, Than Mya and Thuzar Myint</i>		
9:50-10:10 Paper- 98	Phenotypic and genotypic characteristics of Carbapenem-Resistant <i>Enterobacteriaceae</i> among clinical samples from Yangon General Hospital <i>Mya Mya Aye, Khwar Nyo Zin, Hpoo Pwint Myo Win, Yu Wah Lwin, Hideharu Hagiya, Shigeyuki Hamada and Moh Moh Htun</i>		

Day 5 (Auditorium-1)**Morning Session (2)**

Chairpersons: **Dr. Hlaing Myat Thu** **Professor Dr. Khin Nyo Thein**
Deputy Director General **Professor/ Head**
Department of Medical Research **Department of Paediatrics**
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
- 10:45-11:05
Paper- 100 Viral pathogens associated with acute lower respiratory infections among hospitalized children in Yangon Children Hospital
Han Win, Htin Lin, Mo Mo Win, Lay-Myint Yoshida, Wah Wah Aung, Ssu Wynn Mon, Hlaing Myat Thu and Ye Myint Kyaw
- 11:05-11:25
Paper- 101 Rapid diagnosis of High-Risk Human Papillomavirus (HR-HPV) genotypes using new Point of Care (POC) GeneXpert HPV Assay in cervical cancer patients
Mu Mu Shwe, San San Myint, Yin Yin Soe, Khin Lay Kywe, Sandar Win, Lynn Pa Pa Aye, Htwe Htwe Nyunt, Win Maw Tun and Kyaw Zin Thant
- 11:25-11:45
Paper-102 Clinical severity of rotavirus diarrhoea in relation to molecular characterization of different strains
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
- 11:45-12:05
Paper-103 Comparison of clinical and virological characteristics among infants, children and adults with dengue infection during 2015 dengue outbreak
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

Day 5 (Auditorium-1)**Closing Session**

- 12:15-12:30 Closing speech
 By Director General, Department of Medical Research

BEST PAPERS AND BEST POSTER AWARDING CEREMONY

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

13th January, 2017

Auditorium (2) Advanced Molecular Research Centre

- | | |
|---------|---|
| 15:00hr | Speech by
H.E. Dr. Myint Htwe
Union Minister
Ministry of Health and Sports |
| 15:15hr | Speech by:
Chairman
Best Paper and Poster Selection Sub-committee |
| 15:30hr | Awarding: <ul style="list-style-type: none">• Best Paper for Basic Research• Best Paper for Applied Research• Best Paper for Health Systems Research• Best Poster• Young Researcher Award for Basic Research• Young Researcher Award for Applied Research• Young Researcher Award for Health Systems Research |

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
- 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 Moh 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 Win 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 Pyu Khin 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
Aye Aye Lwin, Kyi May Htwe, Nan Cho Nwe Mon, Khin Than Maw, Kay Khine Soe, Moh Moh Hlaing, Sein Win, Htun Lwin Nyein and Khin Saw Aye

- 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 (တောရောင်ခါးသီး) 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
- Poster 34** Glucose intolerance effect on high-fat diet intake mice by *Undaria pinnatifida*; Wakame
Motoki Imai, Fumitaka Kawakami, Thet Thet Lwin, Yuichi Kadoya and Hiroko Maruyama
- Poster 35** 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
- Poster 36** 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
- Poster 37** Transvaginal and colour Doppler ultrasound in pregnant women with previous caesarean scar with placenta previa
May Thu Htun, Mar Mar Wynn, Mya Thida and San San Myint

- Poster 38** 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
- Poster 39** Differentiation of *Aedes aegypti* and *Aedes albopictus* eggs using scanning electron microscope
Min Min Win, Than Than Swe, Khin Kant Kaw Oo, MaungMaung Mya, Kyaw Soe, Win Pa Pa Naing, Moh Moh Htun, Khin Saw Aye and Kyaw Zin Thant
- Poster 40** 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
- Poster 41** Relationship between serum leptin level and insulin resistance in persistent obese and current obese people
Thin Thin Yu, Sanda Kyaw and Ohnmar
- Poster 42** 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
- Poster 43** 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
- Poster 44** 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 Phyoe, Saw Saw and Nang Khin Phone Tint
- 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, MyaMya 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 M. 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 Wan, Soe Moe Myat and Aye Win Khine
- Poster 53** Effect of traditional drug “Eve (ခေ)” 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
Zin Zin Thu, Thidar Aung, Khin Shwe Mar, Nyein Ei Khine , Aye Myint Oo, Hla Hla Win, Zaw Min Latt, Myo Myo Mon and Kyaw Zin Thant
- Poster 55** The requisition and utilization of blood in Yangon General Hospital, Yangon, Myanmar
Nyein Ei Khine, Thidar Aung, Cho Cho Nyunt, Aye Myint Oo, Hla Hla Win, Zaw Min Latt, MyoMyo Mon, Khin Saw Aye and Zin Zin Thu
- Poster 56** Serological surveillance for malaria in 2015 malaria indicator survey
Kay Thwe Han, Aung Thi, Tom Hall, Myo Win Htun, Ni Ni Zaw, Hnin Ohnmar Soe, Chris Drakeley, Hannah Edwards and Kyaw Zin Thant

PROGRAMME FOR SYMPOSIA AND TALK

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

Day 1		9.1.2017 (Monday)
13:30-16:30hr	Building National Nutrition Agenda - Where Are We and What To Focus	Auditorium (2) Advanced Molecular Research Centre (AMRC)
Day 2		10.1.2017 (Tuesday)
09:00-12:30hr	Myanmar-Korea Joint Symposium (2017)	Auditorium (2) AMRC
13:30-16:30hr	Hospital Waste Management	Auditorium (2) AMRC
12:30-15:30hr	Principles and Practice of Travel Medicine	Auditorium (3) Biomedical Library
Day 3		11.1.2017 (Wednesday)
09:30-12:30hr	ISO 17025 Accreditation : The Road to International Recognition for Analytical Laboratory in Department of Food and Drug Administration	Auditorium (2) AMRC
13:30-16:30hr	Setting the Future by Grasping the Window of Opportunity	Auditorium (2) AMRC
Day 4		12.1.2017 (Thursday)
09:30-12:30hr	Bringing Molecular Diagnostics to Point-of-Care Testing (POCT)	Auditorium (2) AMRC
13:30-16:30hr	Life Style Related Disease	Auditorium (2) AMRC
13:30-16:30hr	Oral Cancer: Scenario and Treatment Strategies	Auditorium (3) Biomedical Library
Day 5		13.1.2017 (Friday)
09:30-12:30hr	Malaria Elimination in Myanmar: Research to Accelerate Progress towards Malaria Elimination	Auditorium (2) AMRC
09:30-12:30hr	Symposium on Medical Education	Auditorium (3) Biomedical Library
10:00-11:30hr	Scientific talk Cytological Screening of Cervical Cancer	SRC Theatre