



**MALAYSIAN ASSOCIATION OF
CLINICAL BIOCHEMISTS**

**2020
2021**

ANNUAL REPORT

Prepared and Compiled by Chuo Peck Ham

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1.0 COUNCIL REPORT

1.1 MACB Council (2020-2022)

The new council was elected via e-Voting and was announced on the 30th Annual General Meeting (AGM) which was held virtually on 28th November 2020. The Council was as follows:

| | |
|---------------------|--|
| President | Y.M. Raja Dr. Elina binti Raja Aziddin |
| Vice President | Y.M. Tunku Datin Marinah Ashraf binti Tunku Abdullah |
| Secretary | Chuo Peck Ham |
| Assistant Secretary | Sivasangkari a/p Supremaniam |
| Treasurer | Chen Bee Chin |
| Council Member | Dr Badrul Amini bin Abdul Rashid |
| | Vani a/p Munusamy |
| | Roziela binti Abu Bakar |
| | Chew Yee Yean |

1.2 Councils Activities

MACB Council Meetings:

The Council met 6 times during 2020/21 with attendance records as follows:

| | Attendance |
|--|-------------------|
| Y.M. Raja Dr. Elina binti Raja Aziddin | 6 |
| Y.M. Tunku Marinah Ashraf binti Tunku Abdullah | 6 |
| Chuo Peck Ham | 6 |
| Sivasangkari a/p Supremaniam | 5 |
| Chen Bee Chin | 6 |
| Dr Badrul Amini bin Abdul Rashid | 5 |
| Vani a/p Munusamy | 6 |
| Roziela binti Abu Bakar | 6 |
| Chew Yee Yean | 6 |
| Subcommittee | |
| Mohd Firdaus bin Abdul Aziz | 6 |

Since July 2020, MACB council meetings were held via video conferencing.

1.3 Registrar of Societies (ROS)

Registrar of Societies (ROS) is a regulatory department under the Ministry of Home Affairs that primarily concerned with the registration, control, supervision and maintenance of records pertaining to registered non-governmental organisations. The Registry of Societies Electronic System (*eROSES*) official website, (www.eroses.gov.my) has been implemented since 2012 for registration and updating purposes (e.g.: information's on AGM, members' listing, auditors, statements of income and expenditure, assets and liabilities). MACB is officially registered with ROS and submits the required annual report to ROS each year. Currently, MACB is working on to gather details for the year 2020 to update with ROS.

1.4 MACB Subcommittees

a. Scientific Subcommittee

Chairman : Y.M. Raja Dr Elina binti Raja Aziddin
Members : Y.M. Tunku Marinah Ashraf binti Tunku Abdullah
Dr Pavai Sthaneswar
Hareef bin Muhammed

Duties: To plan yearly scientific program such as conferences, focused seminars, symposia and workshops for MACB. Set up expert panels to establish relevant guidelines and co-ordinate multi-centre and international research collaborations.

b. Education Subcommittee

Chairman : Y.M. Tunku Marina Ashraf binti Tunku Abdullah
Secretariat : Adam Hathsey Bronson
Members : Dr. Mohd Jokha bin Yahya
Mohd Hareef bin Muhammed
Kala Devi a/p Nadarajan
Chen Bee Chin

Duties: Planning and organizing training programs.

c. Communication and Publicity Subcommittee

Chairman : Mohd Firdaus bin Abd Aziz
Members : Mohd Hafiz Rahim

Duties : Promote MACB and membership drive. Coordinate publication of newsletters and publicity materials. Manage and maintain the MACB website (www.macb.org.my) and promote MACB activities.

d. Corporate Affairs Subcommittee

Chairman : Sivasangkari a/p Supremaniam
Secretary : Shen Wai San (Roche Diagnostics (M) Sdn Bhd)
Treasurer : Adam Hathshey Bronson (Pantai Premier Pathology Sdn Bhd)
Members : Shireen Kaur Pannu (Becton Dickinson)
Ong May Foong (Becton Dickinson)
Gan Hui Hong (Siemens Healthcare)
Leong Lai Cheng (Siemens Healthcare)
Dr. Ravindran Raman (MEDINICS (M) Sdn Bhd)
Farrah Zuall Cobley (AxisBio Diagnostics Sdn Bhd)
Nor Hilal Abu Hanipah (AxisBio Diagnostics Sdn Bhd)
Naveen Jayakumar (Radiometer Sdn Bhd)
Daniel Lee Kian Poh (Abbott Laboratories (M) Sdn Bhd)
Felisiana Maya (Abbott Laboratories (M) Sdn Bhd)
Chew Shel Ling (AcuTest Systems)
Sivasooriar Sivaneson (Gribbles Pathology & Quantum Diagnostics)
R.Gobhy A/L Ramaloo (Gribbles Pathology & Quantum Diagnostics)
Ahmad Khusyairi bin Zubir (Utas Maju)

Muhammad Aiman bin Abdul Halim (Utas Maju)
 Wua Ming Sheng (Roche Diagnostics (M) Sdn Bhd)
 Haslina Yaakub (Pantai Premier Pathology Sdn Bhd)
 Weh Suh Chan (Chemopharm Sdn Bhd)
 Yoke Yien Wong (Chemopharm Sdn Bhd)
 June Tan Wen Wen (PerkinElmer Sdn Bhd)
 Dr Noorulaini Sulaiman (PerkinElmer Sdn Bhd)

Duties : Deal with the industry to support MACB activities

e. Journal and Scientific Publication

Chairman : Dr Badrul Amini bin Rashid - MACB
 Members : Prof Madya Dr Abdah Md Akim (UPM) - Editor In Chief
 Pn Sivasangkari Supremeniam – Assistant Editor in Chief
 Dr. Mohd Izani Othman – (UiTM) – Review and Amendments
 Dr. Nurulamin Abu Bakar – (H Selayang) – Managing Editor
 En Firdaus Abdul Aziz (IKN) - Webmaster
 Ms. Harmiza Harun – (HKL) - Webmaster
 Ms Malar (HKL) Promotion and Publicity
 Dr Linawati Durani – HTA (resigned from 4 Mar 2021)

f. MACB Awards Subcommittee

Chairman : Chuo Peck Ham
 Members : Kamisah binti Karim
 Shajaratul Dura bt Mat Ali
 Rohaznida Baharuddin

Duties : to acknowledge prominent scientists and laboratory professionals who have contributed towards the advancement of clinical biochemistry in Malaysia.

g. IFCC and APFCB National Representative

Y.M. Raja Dr Elina binti Raja Aziddin

1.5 MEMBERSHIP

For the year 2020/2021 MACB has recruited 18 ordinary, 16 associate members, 4 corporate members and updated 1 life member and 1 retired member in the membership list with a total increase of 6.6%. MACB Membership Secretariat is actively driving sustainability of MACB membership and provision of benefits and privileges to members.

| Membership | 2018/2019 | 2019/2020 | 2020/2021 |
|-------------------|------------------|------------------|------------------|
| Fellow | 1 | 1 | 1 |
| Life | 6 | 8 | 9 |
| Ordinary | 351 | 365 | 383 |
| Associate | 213 | 213 | 229 |
| Corporate | 14 | 16 | 20 |
| Retired members | 5 | 5 | 6 |
| Total | 590 | 608 | 648 |

2.0 SCIENTIFIC SUBCOMMITTEE REPORT

(by Y.M. Raja Dr Elina Aziddin, Chairman of Scientific Subcommittee)

In Malaysia, the rate of Covid-19 positive cases has been steadily increasing since January 2021 and reached a peak in early August. With the high rate of vaccination in the country, the number of positive cases is seeing a downward trend; but to date, the country is still battling hard with the pandemic.

Due to the current situation, all MACB activities in 2021 have been conducted via the virtual platform.

2.1 30th MACB Conference 2020

The Covid-19 pandemic caused disruptions to the scheduled activities of the MACB due to restrictions imposed under the movement control order. The 30th Annual Conference of the Malaysian Association of Clinical Biochemists which was planned to be held in August was instead successfully organized for the first time as a virtual event. The MACB Virtual Conference 2020 took place between the 26th to 28th November 2020.

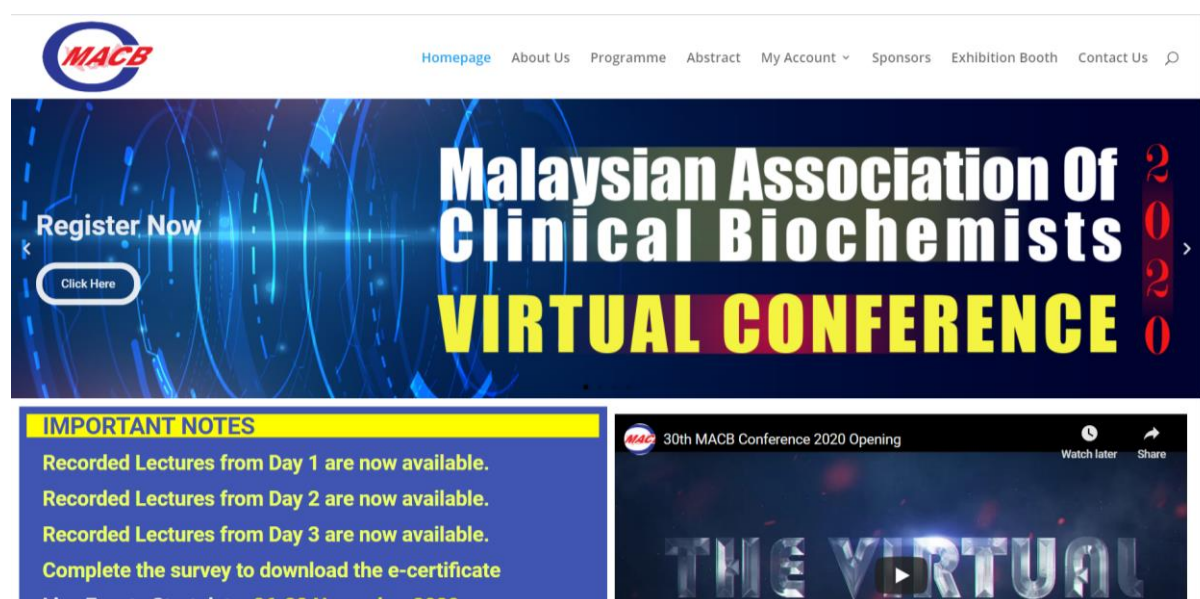


Fig 1: MACB Virtual Conference 2020 website

This Conference carried the theme ‘*Innovative Solutions: The Way Forward in Laboratory Medicine*’. This theme was chosen as medical laboratories today are faced with many challenges such as rising cost, limited manpower and high public expectation; made worse with the onset of the pandemic. Innovation is a strategic change that creates value. It can provide medical laboratories with the opportunity to overcome current and future challenges.

The conference featured 16 lectures. An interesting lecture on the topic of “*The Future of Laboratory Medicine: The Impact of Exponential Technologies & Platform Economy*” illustrated how exponential technologies such as artificial intelligence (AI), cloud computing, augmented reality (AR), and virtual reality coupled with cheaper and faster internet availability have transformed organisations to create value, manage their operations and their talent. The lecture described how the future of healthcare is related to key trends namely power of data, flexible organization and the focus on prevention and wellness. It also discussed the risks and possibilities of how trends set by leading platform-based business models can permeate and transform the medical laboratory sector.

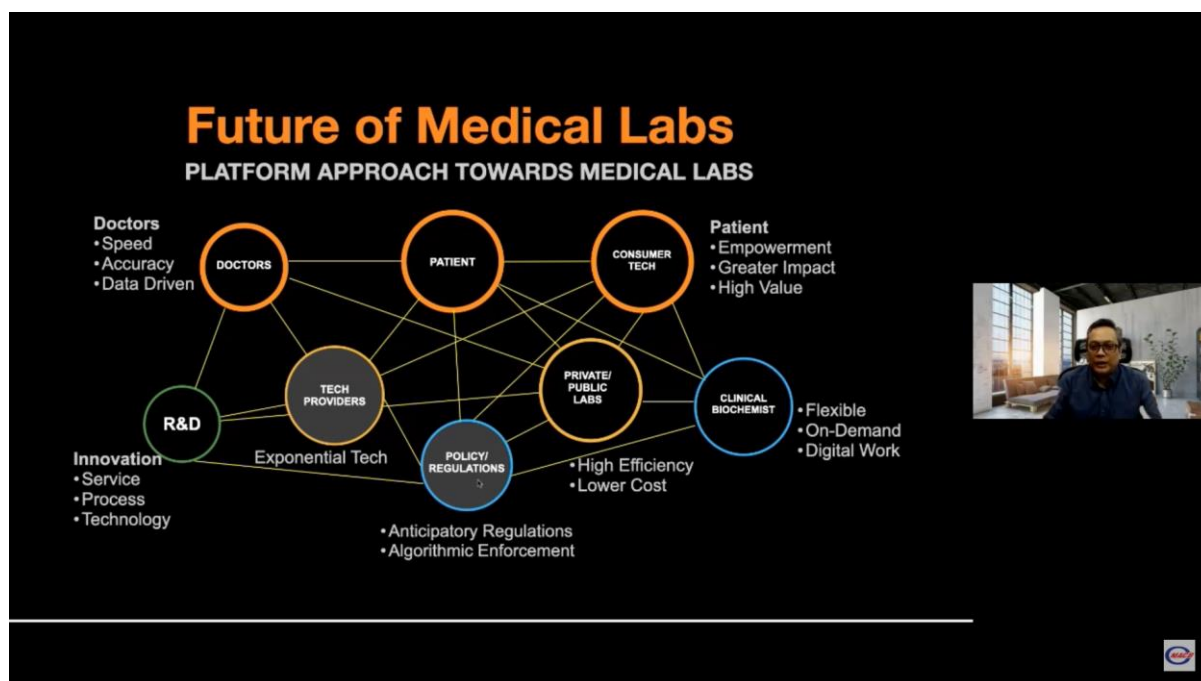


Fig 2: Lecture on “*The Future of Laboratory Medicine: The Impact of Exponential Technologies & Platform Economy*”

Focussed topics related to the Covid-19 pandemic were delivered in two lectures entitled “*The Value of Sars-Cov-2 Serology Testing and Implications for Vaccine Evaluation*” and the lecture on “*Applying Health Systems Principles and Economic Analysis towards a Pandemic-Resilient Lab Service*” which discussed how lab services fit into health systems framework and how Covid-19 pandemic can accelerate the implementation of next-generation lab services.

The program also addressed other topics of interest such as “*Epidemiology and Diagnosis of Nasopharyngeal*”, “*Clinical Use of High-sensitivity Troponin at the Point-of-Care with ESC 1-hour Algorithm*”, “*The Role of the Laboratory in Meeting the Asian Pacific Society of Nephrology Clinical Practice Guideline on Diabetic Kidney Disease*”, “*Addressing the Emerging “Epidemic” of Fatty Liver Disease*”, “*PTH: Keeping Up with the Generations*”, “*Clinical Application of MU*”, “*The QC Standards, Past and Present: Novel Controversies and Old Struggles*”, “*Sigma Metric – Quality Framework of Point of Care Glucose Testing*”. “*Auto-verification of Lab Results*”, “*Strategies in Overcoming the Frequent Errors in STAT Laboratory*”, “*ISO 15189 Accreditation – Remote Assessment*”, “*Licensing of Medical Laboratory Science Personnel and the Impact on the Medical Laboratory Service*”. Lectures were delivered by experts from Malaysia, United States, Australia and Hong Kong. The APFCB Travelling Lecture was delivered by Helen Martin from Australia on the topic “*Adding Value with Patient Report Commenting*”. Lectures were followed by live question and answer session.

Despite the very short notice, the conference received generous support from the corporate sector namely Snibe, Siemens Healthineers Malaysia, Radiometer Malaysia Sdn Bhd, Acutest Systems (M) Sdn Bhd, AxisBio Diagnostics Sdn Bhd, Becton Dickinson Sdn Bhd, Chemopharm Sdn Bhd, Medinics (M) Sdn Bhd, Roche (Malaysia) Sdn Bhd and Utas Maju Sdn Bhd. The conference was made available to participants at no charge. A total of 1173 participants from 23 countries registered for the event.

2.2 Asian Conference on Biomedical Research & Lab Medicine (ACBRLM) 2021

ACBRLM 2021 was jointly organized by three associations; the Malaysian Association of Clinical Biochemists (MACB), the Malaysian Biomedical Science Association (MyBiomed) and the Association of Scientific Officers Ministry of Health (ASOMH). ACBRLM 2021 is the first joint collaboration among the three organizations. ACBRLM 2020 was initially scheduled for August 2020, but was postponed due to the COVID 19 global pandemic.

This conference was conducted on 24th-25th August 2021 with a post conference workshop on 26th August 2021. The conference and workshop were conducted virtually.

The conference which carried the official theme “Revolutionizing Laboratory Medicine Through Research and Innovation” covered topics which revolved around communicable and non-communicable diseases, genetics and molecular diseases, drugs and natural product discoveries, latest technology, methods and sharing of research findings. The conference was officially launched by the Director of Health, Malaysia. The two-day conference, with two concurrent sessions featured one keynote speech, two plenary lectures and 16 symposia lectures. In the post-conference workshop seven interesting topics in laboratory medicine were presented.

The participants of ACBRLM were from continent of Asia and comprise of laboratory scientists, pathologists and various other categories of laboratory professionals. More than 400 participants attended the conference and among them there were 70 posters and 22 oral contributors who shared their experiences and knowledge in their respective fields. The conference was sponsored by Perkin Elmer Sdn Bhd, Abbott Laboratories (M) Sdn Bhd, Utas Maju Sdn Bhd, Siemens Healthineers Malaysia, Chemopharm Sdn Bhd, Roche (Malaysia) Sdn Bhd, QuantumG, Agilent Technologies Sales (M) Sdn Bhd, Straits Scientific (M) Sdn Bhd, and Becton Dickinson Sdn Bhd.

2.3 MACB Webinars

In addition to the two conferences, the Scientific and Education Committees jointly organised four webinars on the following topics:

2.3.1 Method Verification on 5 May 2021

The lecture was delivered by Dr. Joshua Hayden, PhD DABCC FAACC, Chief of Chemistry for Norton Healthcare. This is a very useful webinar which discussed the practical approaches that laboratories can take to ensure adequate assessment of new methods. Particular emphasis was given on examples of problems that laboratories might encounter during method validation and how to address them. The webinar was supported by Medicines. A total of 631 participants registered for the webinar of which 350 attended the live event. Of the total participants, 64% were Malaysians. Other participants who registered were from Philippines, Macau, Singapore, United States, Sri Lanka, Pakistan, Oman, Indonesia, India and Bangladesh. Recording and webinar presentation slides for the lecture are available at the following link: <https://www.webinar.macb.org.my/>

2.3.2 Breathing Not Properly: Heart Failure – Insights on Natriuretic Peptides on 6 May 2021

The lecture was delivered by Dr Pearline Teo, the Clinical Marketing Manager for Laboratory Diagnostics at Siemens Healthineers. The webinar presented the pathophysiology, diagnosis and classification of heart failure and the importance of Natriuretic Peptides (BNP and NT-proBNP) in the diagnosis, prognosis and management of Heart Failure. The best practice sharing from AP region on the clinical utility of Natriuretic Peptide assays in Asia Pacific was also discussed. This webinar was supported by Siemens Healthineers and received 175 registrations and 69 attendees. Recording on the webinar is available on this link: <https://www.siemens-healthineers.com/en-my/news-and-events/events-malaysia/macb-heart-failure>

2.3.3 A Practical and Standardized Approach to tackle Reagent Lot-to-Lot using CLSI’s EP26 on 5 Aug 2021

This lecture was delivered by Mr Norizhar bin Mohamed Zakaria, the Clinical Quality Manager at Siemens Healthineers. This lecture presented the utilization of a standardized and practical approach to document and evaluate reagent lot to lot difference with CLSI’s EP26. It discussed the possible scenarios that may arise when evaluating or performing lot to lot differences using EP26’s protocol and actions that can be taken. The webinar was supported by Siemens Healthineers and had 364 registered participants with 202 attendees for the live event.

2.3.4 Chemical Screening of Urine by Reagent Strip on 10 Aug 2021

The lecture was delivered by Associate Prof. Dr. Pavai Sthaneshwar, Chemical Pathologist in Pathology Department, University Malaya. The lecture emphasised on the correct urinalysis testing procedure and guidelines to ensure correct patient results. This webinar was supported by Siemens Healthineers. A total of 512 participants registered for the event with 198 live attendees.

2.4 MACB Auspices

| Date | Organizer | Event |
|-------------------|-------------------|--|
| 24 Mac 2021 | Roche | Patient-Based real-time Quality Control in the laboratory |
| | Siemens | Laboratory Quality Management Webinar Series 2021 |
| 21 Jan 2021 | | Sigma and Sigma Metrics |
| 18 Feb 2021 | | Lean Sigma |
| 18 Mac 2021 | | Process Control (Part 1) |
| 22 Apr 2021 | | Process Control (Part 2) |
| 20 May 2021 | | Process Control (Part 3) |
| 17 Jun 2021 | | Change Management |
| 16 Jun 2021 | Roche | Observability in healthcare: why a holistic view of telemetry data is essential |
| 7 Jul 2021 | Thermo Scientific | Drugs of Abuse Automated Screening vs Manual Testing: What are the Benefits? |
| 5 Aug 2021 | Siemens | Webinar Invitation: A Practical and Standardized Approach to tackle Reagent Lot-to-Lot using CLSI’s EP26 |
| 10 Aug 2021 | Siemens | Chemical Screening of Urine by Reagent Strip |
| 15 Sept 2021 | Roche | Transforming Data Info Insights: Leveraging the latest trends in the digital healthcare revolution webinar |
| 16 to 17 Nov 2021 | Roche | Roche Experience Days (RED) 2021 Virtual Event |



Webinar Invitation: Chemical Screening of Urine by Reagent Strip



Webinar Invitation: Transforming Data Into Insights Webinar Series (MACB Auspices)

Chemical Screening of Urine by Reagent Strip

Date : 10 August 2021, Tuesday
 Time : 10.00 am – 11.30 am
 Location : Microsoft Teams
 Speaker : Associate Prof. Dr. Pavai Sthaneshwar, Department of Pathology, UMMC

1 CPD point

Transforming Data Into Insights

LIVE WEBINAR

Leveraging the latest trends in the digital healthcare revolution



APFCB Webinar Invitation: PREANALYTICAL MASTERCLASS



2.5 17th APFCB Congress

Due to the Covid-19 pandemic, international conferences intended for 2020 have been re-scheduled to a later date. This re-scheduling has affected the IFCC 24TH International Congress of Clinical Chemistry and Laboratory Medicine Conference in Seoul, Korea which has now been moved to 26-30 June 2022. Due to this re-scheduling, the 16th APFCB Congress of Clinical Biochemistry due to be held in Sydney in 2022 will now be co-jointly organised with the IFCC 24th International Congress in Seoul, Korea in 2022. With this change in venue, the next APFCB Congress has been moved to 2024 and will be held in Sydney, Australia. The 18th APFCB Congress in Kuala Lumpur will now be in 2026.

2.6 MACB Chronic Kidney Disease Task Force (by Sivasangkari a/p Supremaniam)

The MACB CKD Task Force formed in the year 2017 to look into the national standardization of eGFR estimation in Malaysia. The first meeting was held on 9th December 2017, chaired by Dr. Leslie Charles Lai and committee members as per below:-

| | |
|-------------------|---|
| Vice-Chairman | : Datin Dr. Baizurah Mohd. Hussain |
| Secretary | : Mrs. Sivasangkari Supremaniam |
| Treasurer | : Pn. Siti Gayah Loman |
| Committee members | : Dr.Siti Sharina Anas Dr.Pavai Sthaneshwar Mrs. Chew Yee Yean Mrs. Chuo Peck Ham Mr. Hareeff Muhammed Mrs. Low Yoke Lee |

In working towards the standardization of eGFR in Malaysia, the MACB carried out a 3 months national survey to determine how eGFR and urine albumin/protein are reported by laboratories in Malaysia. Upon completion of this survey, the committee came up with recommendations and was presented during 28th MACB Conference 2018 in Kuala Lumpur. The recommendations were well received by the audience. An article titled 'A national audit of estimated glomerular filtration rate and proteinuria and the MACB CKD Task Force recommendations' was published in Malaysian Journal of Pathology in April 2021.

The Task Force led by Assoc Prof Dr Pavai conducted a national re-audit in 2021 to update the current findings and to look at the changes in current practices. A proposal has been sent to National Chemical Pathology committee, Ministry of Health to adopt the recommendations nationwide.

2.7 Research Collaboration

The MACB coordinated a research project in 2020 that was completed in 2021. The project was a collaboration between Hospital Canselor Tunku Muhriz UKM (HCTM UKM), Malaysian Association Clinical Biochemist (MACB) and Shenzhen New Industries Biomedical Engineering Co., Ltd. (SNIBE). The project involved method evaluation for Thyroid Stimulating Hormone (TSH), Procalcitonin (PCT) and Heart Fatty Acid Binding Protein (HFABP) diagnostic kits on Maglumi 1000 analyzer.

3.0 EDUCATION SUBCOMMITTEE REPORT

(by Y.M. Tunku Marinah, Chairman of Education Subcommittee)

3.1 Skills Training for Clinical Biochemists

The Working Committee for NOSS headed by Rusli Ibrahim was not able to get much information from the various committees as most of the Chairs and committee members of these committees were busy with online teaching and exams brought about by the MCO and the pandemic.

The MACB Council and the Education Subcommittee need to work out the future direction on this as we have lost focus and realise that it is a very big undertaking to provide skills training for all biochemists. There was a suggestion that perhaps an outside organisation could take this up on behalf of MACB.

Previously arrangement for the syllabus, exams and appointment of trainers and coaches have been done but will need to be revisited before any implementation of the project. For example the appointment of Dr. Shafini as Pengurus for HKL (not gone for induction training yet) and Penyelaras for HKL Puan Siti Gayah (who passed away recently) need to be reviewed.

3.2 Workshop and Webinars

Due to strict SOP's during this pandemic, only webinars were held. A few companies offered and supported webinars for our members as joint activities with Scientific subcommittees.

4.0 CORPORATE AFFAIR SUBCOMMITTEE REPORT

(by Sivasangkari a/p Supremaniam, Chairman of Corporate Affairs Subcommittee)

Corporate sub-committee was formed to facilitate scientific and educational collaboration between MACB and the diagnostic industry. Its members consist of MACB members and representative from the industry.

We also help to identify collaboration opportunities with the industry, facilitate discussions on collaborative activities between the association and the industry and finally provide opportunity for industry to give input on the practice of clinical biochemistry with the advancements in science and technology.

This sub-committee is headed by Mrs. Sivasangkari Supremaniam as the Chair. Secretary is Ms Wai San Shen (Roche Diagnostics) and Mr. Adam Hathsey Bronson (Pantai Premier Pathology) as the treasurer.

We had a few webinar collaborations with our corporate members. Due to the control movement restrictions and pandemic situation in our country, we were unable to organize any events physically.

To date we have 12 active corporate members which include: Becton Dickinson, Abbott Laboratories (M) Sdn Bhd, Roche Diagnostics (M) Sdn Bhd, Radiometer Sdn Bhd, Medinics (M) Sdn Bhd, Siemens Healthcare Sdn Bhd, Acutest Systems (M) Sdn Bhd, AxisBio Diagnostics Sdn Bhd, Pantai Premier Pathology Sdn Bhd, Gribbles Pathology (M) Sdn.Bhd, Chemopharm Sdn Bhd and Perkin Elmer Sdn Bhd.

We hope to organize more CSR projects and other collaborative events in near future. We also welcome more members from the diagnostic industry to join us and be our partner in taking our speciality to greater heights.

5.0 MACB AWARDS SUBCOMMITTEE REPORT

(by Chuo Peck Ham, Chairman of MACB Awards Subcommittee)

The Awards subcommittee mission statement is to identify and facilitate receipt of awards by deserving candidates in Clinical Biochemistry.

MACB councils had agreed with the awards proposed that were Young Scientist Awards and MACB Excellent Service Awards. The committees are preparing its guidelines which will detail out the objectives, criteria or eligibility conditions, terms of reference and awards evaluation guidelines. The Awards reviewers had been selected and invited to review this guideline. These reviewers consist of independent representatives from the health industry, corporate, educator, researcher and laboratory medicine background.

It was also suggested to include Outstanding Education Awards In Clinical Biochemistry (OEA) to acknowledge and recognize scientists and clinicians who cumulatively have outstanding contributions to education in clinical chemistry and laboratory medicine.

5.1 MACB-ACBRLM Awards 2021

The MACB-ACBRLM Awards had been announced to all MACB members on 1 July 2021. MACB had allocated TEN (10) FREE registrations for their members to attend Asian Conference on Biomedical Research & Lab Medicine (ACBRLM) 2021 Virtual Conference on 24th – 25th August 2021, as well as the post conference workshop on 26th August 2021.

Eligibility :

- A) Active MACB membership (no outstanding in current year)
- B) Outstanding contribution and involvement in MACB activities

All qualified MACB members had submitted their applications by 4th Jul 2021. The MACB-ACBRLM Award 2021 recipients were revealed on the MACB website and through email on 7th July 2021.

The MACB Councils had awarded to the following recipients:

- Dr Mohd Izani bin Othman
- Rohaznida Baharudin
- Nurul Atiqah Azmi
- Nur Nadiah Yusoff
- Noradilah Abd Hamid
- Siti Suhana Soheimi
- Lim Kee Kee
- Nor Idayu Razali
- Kiing Sie Cheong
- Dr Chan Mooi Kwai

6.0 COMMUNICATION AND PUBLICITY (C&P) SUBCOMMITTEE REPORT

(by Firdaus, Chairman of Communication and Publicity Subcommittee)

C&P subcommittee is responsible to encourage interest in the association's activities, educate the community about the organization, and recruit volunteers. We regularly update the MACB website and all other media social platform with current events and seminar. Our duties include organizing and promoting conferences, seminars, workshops and other educational and scientific related activities and events as well as, designing related banners, flyers and brochures. The committee is currently developing a member database that is accessible on the website. In addition, we have successfully done the online registration for MACB membership, Conference registration, Auspices Application for corporate members and others events.

C&P Subcommittee strive to provide the platform for MACB to continue its activity. These include subscribing a new dedicated server, manage Microsoft Business license (email and Teams) and develop new website for webinar as well as virtual conference.

Since 2020, all activities conducted by MACB were through virtual meeting or online events. MACB Council agreed to renew the Microsoft Office business account for that purpose. A webinar has been conducted titled "Method Verification" using the Microsoft Teams platform. Once again, MACB Council has decided to hold its 31st annual conference through virtual platform. A dedicated website has been developed for the virtual conference and the participants can access the recorded lectures for about 30 days. We also provide a dedicated website for ACBRLM

Conference 2021 (Please refer the report from Education and Scientific Subcom for details).
Currently C&P Sub manage about five websites and four media social account.

| Domain/subdomain/Account | Address |
|--|---|
| MACB Main Website | www.macb.org.my |
| MACB Webinar | www.webinar.macb.org.my |
| MACB Virtual Conference | www.31conference.macb.org.my |
| Malaysian journal of Clinical Biochemistry | www.journal.macb.org.my |
| Asian Biomedical Research and Laboratory Medicine Conference | www.asianbrlmconference.net |
| Facebook Account | www.facebook.com/macbpage |
| Instagram Account | www.instagram.com/macb_moments |
| YouTube Channel | www.youtube.com/channel/UccOj_T_t-JfKpWL7F_ttFlmw will change the url after the channel have 100 subscriber. |
| Flicker Account | www.flickr.com/photos/macbphotogallery/albums |

7.0 JOURNAL SUBCOMMITTEE REPORT

(by Dr Badrul Amini bin Abd Rashid, Journal Subcommittee)

The Journal Subcommittee met 3 times on 23 Dec 2020, 4 March 2021 and 16 March 2021. The terms of reference (TOR) for Journal subcommittee and Editorial Board were developed and approved by MACB Council. The committee agreed to publish all abstracts from MACB Conference from 2015 to 2019 to be submitted to Malaysia Citation Centre (Pusat Sitasi Malaysia) to initiate the MJCB journey towards our indexed journal.

MJCB has set index goals initially for myCite, then Scopus and WoS. MJCB has received the eISSN for online journal from Malaysian Citation Centre. The Journal Subcommittee has prepared Guidelines for submission of Abstracts, Proceedings and Journal articles. The subcommittee has requested MACB President to invite International Advisory Board and Reviewers to strengthen the recognition of our MJCB. The Journal subcommittee has invited local reviewers and already accepted 22 confirmations from Universities and MOH to be in the MJCB pool of reviewers. A website was designed specifically for MJCB.

8.0 ANNUAL GENERAL MEETING 2020

The 30th MACB AGM was held virtually on 28th November 2020. Please refer to the 30th AGM minutes for details.

9.0 NEXT ANNUAL CONFERENCE 2021

9.1 31th MACB Virtual Conference 2021

The 31st MACB Conference 2021 is scheduled to be held on 21 - 22 June 2021 from 8.30 am till 5 pm (Malaysian time for both days) via the virtual platform - Zoom Webinar Application. The virtual conference carries the theme “Empowering Laboratory Services in Keeping with Technology Advancement”, highlighting the latest technological advancements in laboratory medicine and possible future applications in Malaysia.

The conference organizing committee are as follows:

| | |
|----------------------------|--|
| Advisor | : Dr. Raja Elina Raja Aziddin |
| Chairman | : Dr. Munirah Md Mansor |
| Treasurer | : Mdm. Chen Bee Chin (MACB) |
| Secretary | : Dr. Najwa Hayati Muzaini (Hospital Selayang) |
| Scientific | : Dr Raja Elina Raja Aziddin (MACB) |
| | : Mdm. Musilawati Muhajir (HPKK) |
| | : Dr. Munirah Md Mansor (HCTM) |
| | : Dr. Badrul Amini Abd Rashid (MACB) |
| | : Dr. Dian Nasriana Nasuruddin (UKM) |
| Sponsorship and Exhibition | : Mdm. Rosnah Ramli (HCTM) |
| | : Ms Vani A/P Munusamy (MACB) |
| Registration | : Mdm. Roziela Abu Bakar (MACB) |
| | : Mdm. Rizawati Abu (HCTM) |
| Technical and Protocol | : Mr. Shamsulizmi Asmawi (UKM) |
| | : Mr. Mohd Firdaus Abdul Aziz (MACB) |
| | : Mr. Mohd Affiq Mohd Othman (UKM) |
| CPD | : Mdm. Chuo Peck Ham (MACB) |
| Promotion | : Mdm Sivasangkari Supremianiam (MACB) |
| | : Mr. Nazrul Anuar Ali (HCTM) |

A detailed report on the 31st MACB Conference will be presented in the 2021/2022 Annual report.

10.0 OTHER ACTIVITIES

10.1 EFLM Academy

From the MACB-EFLM Survey conducted on 23 Nov 2020, MACB had received positive response from the participants. The European Federation of Laboratory Medicine (EFLM) Academy had also granted MACB as the affiliated national association to enable MACB members to register for the EFLM Academy. Hence MACB will establish a block enrolment of its active members for the EFLM Academy starting from January 2021. EFLM Academy provides a package of professional benefits for individuals working in the field of laboratory medicine. Annual fee imposed is RM 80.00 per person (include bank charges). The annual fee is valid from Jan to Dec 2021. The enrolment to the EFLM Academy is provided only to MACB members with valid membership status.


A certificate of registration to the Academy and personal credentials to log-in to the software were made available to 47 MACB members who enrolled in EFLM Academy.

All MACB members enrolled collectively through their National Society will benefit in terms of:

- a) Free on-line subscription to CCLM, the official EFLM journal;
- b) Free access to documents of the Clinical Laboratory Standards Institute (CLSI)
- c) Reduced registration fee to all EFLM conferences and courses
- d) Free access to EFLM webinars;
- e) Regular e-mail notifications of all EFLM activities, programmes and opportunities.

With the enrolment in EFLM eAcademy, we hope that members will use it as a resource for training & competency as a majority of the MACB members are mostly involved in the practice of clinical laboratory medicine.

Prepared by:



.....
Chuo Peck Ham
Secretary 2020/2022

Certified Correct by:



.....
Y.M. Raja Dr Elina binti Raja Aziddin
President 2020/2022

Registration No.: 1075/90

MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS
(Registered in Malaysia)

**DETAILED INCOME STATEMENT AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 2020**

| | 2020 | 2019 |
|--|---------------------|---------------------|
| | RM | RM |
| REVENUE | | |
| Annual subscription fees | 19,920 | 5,280 |
| Conference and entrance fees | 32,311 | 242,534 |
| Membership entrance fee | 1,610 | 3,250 |
| Membership EFLM fee | 3,680 | - |
| Sinbe reagent evaluation fees | 8,132 | - |
| Training workshop and seminar fees | 21,600 | 32,250 |
| | <u>87,253</u> | <u>283,314</u> |
| LESS: COST OF REVENUE | | |
| Conference expenditure | (18,581) | (169,907) |
| Sinbe reagent evaluation expenses | (7,000) | - |
| Training workshop and seminar expenses | (9,454) | (22,453) |
| | <u>(35,035)</u> | <u>(192,360)</u> |
| GROSS PROFIT | <u>52,218</u> | <u>90,954</u> |
| ADD: OTHER INCOME | | |
| Interest on fixed deposit | 18,719 | 17,359 |
| Processing fees | - | 300 |
| | <u>18,719</u> | <u>17,659</u> |
| LESS: OPERATING EXPENSES | | |
| Administration expenses | (59,237) | (92,676) |
| Other operating expenses | (6,668) | (14,775) |
| | <u>(65,905)</u> | <u>(107,451)</u> |
| PROFIT BEFORE TAXATION | <u><u>5,032</u></u> | <u><u>1,162</u></u> |

The detailed income statement do not form part of the Financial Statements of the Association.

Registration No.: 1075/90

MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS
(Registered in Malaysia)
SCHEDULE OF EXPENSES
FOR THE YEAR ENDED 31 DECEMBER 2020

| | 2020 | 2019 |
|----------------------------------|---------------|---------------|
| | RM | RM |
| ADMINISTRATIVE EXPENSES | | |
| Council meeting | 8,800 | 4,200 |
| Depreciation expenses | 3,039 | 3,039 |
| Food and messing | 887 | 5,546 |
| General expenses | 50 | 64 |
| Gift and donation | - | 918 |
| License fees | 200 | - |
| Maintenance charges | 3,037 | 3,313 |
| Membership subscription | 8,904 | 8,046 |
| Meeting and travel allowance | - | 5,000 |
| Personal protection expenses | 354 | - |
| Petrol, parking and toll | 925 | 4,039 |
| Postage, printing and stationery | 1,124 | 3,431 |
| Quit rent and assessment | 135 | 412 |
| Register fee | - | 14,675 |
| Salary and wages | 16,800 | 15,200 |
| Sponsorship | 3,774 | 500 |
| Services tax expenses | 548 | - |
| Sub-committee activities | - | 4,000 |
| Telephone charges | 4,070 | 4,567 |
| Travelling expenses | 90 | 10,411 |
| Upkeep of office equipment | 1,068 | 1,611 |
| Upkeep of premises | 206 | 365 |
| Upkeep of website | 4,478 | 2,158 |
| Water and electricity | 748 | 1,181 |
| | <u>59,237</u> | <u>92,676</u> |
| OTHER OPERATING EXPENSES | | |
| Auditor's remuneration | 1,200 | 1,696 |
| Accounting fees | 4,000 | 6,360 |
| Bank charges | 478 | 573 |
| Tax agent fees | 990 | 6,146 |
| | <u>6,668</u> | <u>14,775</u> |

The detailed income statement do not form part of the Financial Statements of the Association.



MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS

(Persatuan Ahli Biokimia Klinikal Malaysia)

Division of Biochemistry, Institute for Medical Research

Jalan Pahang, 50588 Kuala Lumpur, Malaysia.

Tel : (GL) 603 - 2698 6003 ext. 395 (DL) 603 - 4040 2395 Fax : 603 - 2693 8210

Minutes of the 30th Annual General Meeting (AGM) of Malaysian Association of Clinical Biochemists (MACB) held virtually on the 28th November 2020 via Microsoft Team.

PRESENT:

- 1 ABDAH MD AKIM
- 2 AFFANDI BIN OMAR
- 3 AINUL LIZA BINTI AHMAT
- 4 ANGELI AMBAYYA
- 5 ARZU NEETA BINTI AHMAD BOSTAMAM
- 6 AZAHRIN BIN ABU SAIM
- 7 AZUAN MUHAFIZ BIN ABDUL KARIM
- 8 BEH WEI PING
- 9 CHEN BEE CHIN
- 10 CHEW LI PING @ SHARON
- 11 CHEW YEE YEAN
- 12 CHUO PECK HAM
- 13 DR AUNG MYO OO@M HASHYM
- 14 DR JULIA OMA
- 15 DR. NURULAMIN BIN ABU BAKAR
- 16 HAIRIAH MOHD YUNUS
- 17 HARMIZA BTE HARUN
- 18 IYLIA RAIHANA SEMSUDIN
- 19 JOELYN PANG
- 20 KAMISAH KARIM
- 21 KATHELEEN LI FONG NG
- 22 KHAIRIYAH ABU BAKAR
- 23 KOMATE A/P RAMAYA
- 24 KUMARI SOMIAH
- 25 LESLIE CHARLES LAI CHIN LOY
- 26 LIM KEE KEE
- 27 LO SHAO CHING
- 28 MARINA SHAH BINTI MUHAMMAD ZABRI TAN
- 29 MOHD FAIRULNIZAL MD NOH
- 30 MOHD FIRDAUS ABDUL ABDUL AZIZ
- 31 MOHD JAMSANI BIN MAT SALLEH
- 32 MOHD JOKHA YAHYA
- 33 MUNIRA BT MOHD ZAIB
- 34 MUNIRAH MD MANSOR
- 35 NADA SYAZANA BINTI ZULKUFLI
- 36 NIK AISHAH NIK HITAM
- 37 NOOR AZIEDA BINTI MD SAAD
- 38 NOOR HAFIZAH YACOB
- 39 NOOR HIDAYAH KUSHAIRI
- 40 NOOR HIDAYAT HUSSAIN
- 41 NOORAISHAH BT PAIRAN
- 42 NOORNATISHA SALLEH

- 43 NOR IDAYU RAZALI
- 44 NOR WAHIDA BINTI ZAKARIA
- 45 NORAFEDA
- 46 NORHAZWATI MOKHTAR
- 47 NORINSIAH SARNI
- 48 NORSAMSIAH AHMAD
- 49 NUR ELIANI AKMA BT MOHD ZABARI
- 50 NUR HAZLINDA BINTI KHALIDI
- 51 NUR HIDAYAH BT ISMAIL
- 52 NUR NADIAH YUSOFF
- 53 NUR SHAFINA MISBAH
- 54 NURHARNIZA ZAKARIA
- 55 NURUL SYAMIMI SALLEH
- 56 NURULSHUHADA SHOIB
- 57 ONG MAY FOONG
- 58 RAFIDAH BT MOHAMED KASIM
- 59 RAJA ELINA RAJA AZIDDIN
- 60 ROZIELA ABU BAKAR
- 61 RUSLI BIN IBRAHIM
- 62 RUWAIDIAH MOHD YAACOB
- 63 SABAB BIN HASHIM
- 64 SALAWATI BT MANSOR
- 65 SANGITHA PANNIRSELVAM
- 66 SAZALIAH ISHAK
- 67 SHASHI KUMAR A/L VIJAYAKUMAR
- 68 SITI RASHIDAH A RAHMAN
- 69 SITI SUHANA ABDULLAH SOHEIMI
- 70 SIVASANGKARI SUPREMANIAM
- 71 SURIATI BINTI ADENAN
- 72 SYAFIQ AKRAM BIN SUHAYMIN
- 73 TING HUONG YEW
- 74 TUNKU MARINAH
- 75 VANI A/P MUNUSAMY
- 76 WAN HAFIZAH HJ WAN ALI
- 77 WAN MUHAMMAD AZFAR BIN WAN SHUAIB
- 78 YUSNIZA MAMAT
- 79 ZURAI DAH BE BINTI MAHMUD
- 80 NOORNATISHA SALLEH

1.0 Opening of Meeting and President's Address

The Chairman, Y.M Raja Dr Elina binti Raja Aziddin, President of MACB, called the meeting to order at 2.30 pm as the requisite quorum being available. The Chairman extended her warm welcome to all members present and thanked them for attending the meeting virtually.

2.0 Adoption and Confirmation of the 29th AGM Minutes

Minutes of the 29th MACB AGM held on the 17th July 2019 at Seri Pacific Hotel Kuala Lumpur was presented and adopted.

Proposer :Dr Nurulamin bin Abu Bakar
Seconder:Pn Chew Li Ping (Sharon)

3.0 Adoption of the Annual Report 2019/2020

The annual report was presented by the Secretary and the Chairman of each subcommittee. The Annual Report was adopted.

Proposer : Dr Leslie Charles Lai Chin Loy
Seconder : Dr Mohd Jokha bin Yahya

4.0 Adoption of Audited Accounts for the Year Ending 31st December 2019

The audited account for 2019 was presented by Treasurer. The Chairman then invited from the members for any clarification on the annual accounts of the association. The Chairman put the motion to adopt the account. The account was adopted unanimously.

Proposer : Pn Nurul Syamimi Salleh
Seconded : Pn Siti Suhana Soheimi

5.0 Appointment of Auditors for the Current Financial Year 2020

The meeting appointed the following two (2) internal auditors for the current financial year:

1. Pn Norhazwati Mokhtar (Hospital Seremban)
2. Pn Siti Rashidah A Rahman (Pantai Premier Hospital)

The Chairman then took up the consideration regarding reappointment of SYS Koh and Co as statutory auditor of the association from the conclusion of this AGM.

6.0 Resolution of Constitution Amendments

No motion was forwarded.

7.0 Election of Council Members for Term 2020/2022

In view of the declaration of COVID-19 pandemic on 13th March 2020 by WHO and the restriction of the Malaysian government on mass gatherings, MACB Council has decided not to hold its Annual General Meeting (AGM) in year 2020. However, MACB had successfully carried out a survey from 14 to 23 June 2020. Based on the survey, all respondents (100%, n=79) strongly agreed that election of the new Council Members to be carried out through e-Voting.

All nine (9) Council Member positions available for election and the outgoing Council Members are eligible for re-election.

All past-elected Council remain except one new council member. Following to all positions had been filled up, therefore election is not required. The newly appointed Council was as follows:


| | |
|---------------------|--|
| President | Y.M. Raja Dr. Elina binti Raja Aziddin |
| Vice President | Y.M. Tunku Datin Marinah Ashraf binti Tunku Abdullah |
| Secretary | Chuo Peck Ham |
| Assistant Secretary | Sivasangkari a/p Supremaniam |
| Treasurer | Chen Bee Chin |
| Council Member | Dr Badrul Amini bin Abdul Rashid |
| | Chew Yee Yean |
| | Vani a/p Munusamy |
| | Roziela binti Abu Bakar |

8.0 Any other Matters

No other matters raised during the AGM.

With all the items of the agenda being transacted and no other matter raised, the Chairman thanked the members for taking time to attend the AGM and also thanked them for their active participation. The 30th AGM was adjourned at 4.30 pm.

Prepared by:



CHUO PECK HAM
Secretary
MACB Council 2019/2020

Certified Correct by:



RAJA DR ELINA RAJA AZIDDIN
President
MACB Council 2019/2020

Photos:

