



## MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS

(Persatuan Ahli Biokimia Klinikal Malaysia)

Division of Biochemistry, Institute for Medical Research

Jalan Pahang, 50588 Kuala Lumpur, Malaysia.

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Minutes of the 31<sup>st</sup> Annual General Meeting (AGM) of Malaysian Association of Clinical Biochemists (MACB) held virtually on the 26<sup>th</sup> October 2021 via Microsoft Team.

### **PRESENT:**

- 1 ZURAIDAH BE BINTI MAHMUD
- 2 DR NOR'ASHIKIN OTHMAN
- 3 DEVIGA A/P BALAKERSNAN
- 4 ARZU NEETA BT AHMAD BOSTAMAM
- 5 MOHD JOKHA YAHYA
- 6 KATHELEEN NG LI FONG
- 7 LINGGESUWARY A/P VISWANATHAN
- 8 MUHAMAD SYAHMI BIN NAZLI
- 9 MUNIRAH MD MANSOR
- 10 AINUL LIZA BINTI AHMAT
- 11 PAVAI STHANESHWAR
- 12 NUR ELIANI AKMA MOHD ZABARI
- 13 LIM KEE KEE
- 14 CHUO PECK HAM
- 15 NOOR HIDAYAT BINTI HUSSAIN
- 16 AZUAN MUHAFIZ BIN ABDUL KARIM
- 17 KAM BOON LAI
- 18 NOORAZRIN BINTI MUSA
- 19 DR ZETY WIZANA BINTI RUSMAN
- 20 KAMISAH BINTI KARIM
- 21 NURAI SYAH KHU
- 22 CHEN BEE CHIN
- 23 WENNA NALLANCE LIM
- 24 ROHAIYU ISMAIL
- 25 SARASWATHY APPAROW
- 26 NOOR HIDAYAH BINTI KUSHAIRI
- 27 KHADIJAH BINTI NOH
- 28 RAJA HASYIDAH RAJA BONGSU
- 29 DR. NUR SUHAILA ABDUL MANAF
- 30 DR SITI HAJAR UMAR
- 31 ABDAL BINTI MD AKIM
- 32 RAJA ELINA RAJA AZIDDIN
- 33 NOOR HAFIZAH BT YACOB
- 34 NOORAISHAH BINTI PAIRAN
- 35 CECILIA LING HUONG GENE
- 36 ROZIELA ABU BAKAR
- 37 TUNKU MARINAH
- 38 CHEW YEE YEAN
- 39 VANI A/P MUNUSAMY
- 40 NURULSHUHADA BINTI SHOIB
- 41 DR MAHAYA CHE MAT
- 42 AZAHRIN BIN ABU SAIM
- 43 NORJANA BINTI MOHD JAIS

44 ONG MAY FOONG  
45 FARIDATUL HUSNA ABDUL RAHIM  
46 ADIBAH BINTI NASIR  
47 KHAIRUNNISA BINTI ROSLY  
48 NOOR AYUNI BINTI MOHAMED PESRI  
49 ELARAMZAH BINTI ADNAN  
50 BADRUL AMINI B ABD RASID  
51 SUHANA RAZALI  
52 SHIREEN KAUR PANNU  
53 NUR FARRAH BINTI ZUALL COBLEY  
54 NURWAHIDA ATIRA BINTI NORDIN  
55 ANIRAWATI MOHD SAHIR  
56 SIVASANGKARI SUPREMANIAM  
57 SALAWATI BT MANSOR  
58 NORSYAKIRA BINTI MOHAMED REJAB  
59 MOHD ZAKI UDDIN SAHLANI  
60 ROSMANI ISMAIL  
61 SUBASHINI C. THAMBIAH  
62 SITI NORFITRAH BINTI MOHD SALIM  
63 NORHISHAM HARON  
64 NADIAH BINTI MOHAMED ZAINUDDIN  
65 SABAB BIN HASHIM  
66 MOHAMMAD ZIR AINUR QARIMIE BIN ZAKARIA  
67 NURUL NAJWA BINTI ZAMIMI  
68 ANIS NABILA BT MOHD NOR  
69 DR. MOHD IZANI OTHMAN  
70 LAU KIM BEE  
71 BEH WEI PING  
72 SAZALIAH BINTI ISHAK  
73 JOAN YEOH  
74 JACLYN TAN AI CHIN  
75 CHEW YEE YEAN  
76 CHEW SHEL LING  
77 RUWAIDIAH BINTI MOHD YAACOB  
78 TING HUONG YEW  
79 MOHD FIRDAUS BIN ABDUL AZIZ  
80 SABAB HASHIM  
81 MOHD JAMSANI BIN MAT SALLEH  
82 LAI YIN YE  
83 NOOR HIDAYAT BINTI HUSSAIN  
84 DR JULIA OMAR

## **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 11.05 am as the requisite quorum was present. The Chairman extended her warm welcome to all members present and thanked them for attending the meeting virtually. She went on to remind members on their membership subscription and briefly described the various benefits of active members. The Chairman also gave a short presentation on the current and future plans of the MACB.

## **2.0 Adoption and Confirmation of the 30<sup>th</sup> AGM Minutes**

The minutes of the 30th MACB AGM, which was held virtually on the Microsoft Team platform on 26 October 2020, were presented and adopted.

Proposer : Mdm Lim Kee Kee  
Seconder: Ms Ong May Foong

## **3.0 Adoption of the Annual Report 2020/2021**

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

Proposer : Mdm Chen Bee Chin  
Seconder: Ms Vani a/p Munusamy

## **4.0 Adoption of Audited Accounts for the Year Ending 31<sup>st</sup> December 2020**

The audited account for 2020 was presented by Treasurer. The Chairman then invited members to comment or ask 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 : Mdm Lau Kim Bee  
Seconder : Mdm Chew Yee Yean

## **5.0 Appointment of Auditors for the Current Financial Year 2021**

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

1. Pn Kamisah Karim (Hospital Kuala Lumpur)
2. Dr Julia Omar (Universiti Sains Malaysia)

The Chairman then took up the consideration regarding the re-appointment of a registered auditor, 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 Any other Matters

- a) Amendment of the MACB constitution should be considered so that the various modes of sending out Call letter / Annual report / Annual General Meeting via email, social media, MACB website and etc to members is clearly stated. This issue was addressed due to current Covid pandemic where everyone resorted to the use of electronic media. This has resulted in a new normal where digitalization and paperless approach has become acceptable.
  - Assoc. Prof. Dr. Pavai Sthaneshwar (UMMC) , Dr Leslie Charles Lai (Gleneagles Hospital) and Assoc. Prof. Dr Julia Omar (USM) agreed for paperless and email is the fastest mode in communication.
- b) It was stated in the constitution that the AGM must be held not later than 31st Mac. If no objections are raised, the AGM will be held at a suitable time in the calendar year. The MACB council however will check if it's a requirement of the ROS for AGM to be held before a certain period in the year.
- c) The MACB President informed members that a reminder will be sent out to all members requesting that fees be paid prior to the MACB AGM..
- d) The MACB council will seek clarification with ROS whether a hybrid Conference and AGM complies with ROS requirements..
- e) The majority of members suggested that the MACB conference and AGM continue to be held in a hybrid mode.

The Chairman thanked the members for attending the AGM and for their active involvement. After all the items of the agenda being transacted with some new issues raised, the 31st AGM was adjourned at 4.30 pm.

Prepared by:



**CHUO PECK HAM**  
Secretary  
MACB Council 2020/2022

Certified Correct by:



**RAJA DR ELINA RAJA AZIDDIN**  
President  
MACB Council 2020/2022

Photos:



**31<sup>st</sup> AGM 2021**  
MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS

**FOR MACB MEMBERS ONLY**

**DR PAVAI STHANESWAR**  
2016  
Method Verification for Qualitative Tests  
09.00 - 10.00am

**DR RAJA ELINA**  
MACB President  
Forum Moderator  
'A practical approach to lot verification'  
10.05 - 11.05am

**DR TONY BADRICK**  
FRCR, FRCR (P)  
FRCR (P)

**DR NOR'ASHKIN BT OTHMAN**  
MSc (PhD) Public Health  
Medical Microbiologist

**PN ROZITA ABDULLAH**  
MSc (PhD) Public Health  
Medical Microbiologist

**REQUIREMENTS**

- A valid MACB members with no outstanding more than 2 years or more than RM400
- Please renew your membership NOW at <https://www.macb.org.my/fe-regs/af/membership-renewal/>
- To inquire about your outstanding membership fee, send an email to [macb\\_secretary@yahoo.com](mailto:macb_secretary@yahoo.com).

**RSVP NOW!**  
[www.macb.org.my/agm2021/](http://www.macb.org.my/agm2021/)

**OCTOBER, 26TH**  
**09:00 - 13:05**



# **2021 - 2022** **ANNUAL** **REPORT**

**MALAYSIAN ASSOCIATION OF  
CLINICAL BIOCHEMISTS**

*Prepared and Compiled by Chuo Peck Ham*

(Persatuan Ahli Biokimia Klinikal Malaysia)  
No 17-07, Tingkat 17, Menara ArinaUniti,  
No 97, Jalan Raja Muda Abd Aziz,  
Kampong Baru, 50300 Kuala Lumpur

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## 1.0 COUNCIL REPORT

### 1.1 MACB Council (2020-2022)

The 30<sup>th</sup> Annual General Meeting (AGM) elected the following to be the Members of its Council for the term 2020-2022 :

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 5 times during 2021/22 with attendance records as follows:

	<b>Attendance</b>
Y.M. Raja Dr. Elina binti Raja Aziddin	5
Y.M. Tunku Marinah Ashraf binti Tunku Abdullah	5
Chuo Peck Ham	4
Sivasangkari a/p Supremaniam	4
Chen Bee Chin	5
Dr Badrul Amini bin Abdul Rashid	4
Vani a/p Munusamy	5
Roziela binti Abu Bakar	4
Chew Yee Yean	3
<b>Subcommittee</b>	
Mohd Firdaus bin Abdul Aziz	5

Since Oct 2021, 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. MACB is compiling 2021 documents in order to keep ROS updated on the current status of the MACB.



## 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 Hatshey Bronson (Pantai Premier Pathology Sdn Bhd)  
Members :

<u>Corporate member</u>	<u>Representatives</u>
1. BECTON DICKINSON	1. Ms. Judy Yap
2. ABBOTT LABORATORIES (M) SDN BHD	2. Ms. Ong May Fong
3. UTAS MAJU SDN BHD	1. Mr. Daniel Lee
4. ROCHE DIAGNOSTICS (M) SDN BHD	2. Ms Felisiana Maya
5. RADIOMETER SDN BHD	1. En. Khusyairi b. Zubir
	2. Muhd Aiman b. Abdul Halim
	1. Ms.Wua Ming Sheng
	2. Ms. Shen Wai San
	1. Mr.Naveen Jayakumar

6. MEDINICS (M) SDN BHD	2. Mr. Matthew Chan Chin Meng 1. Dr. Ravindran Raman
7. SIEMENS HEALTHCARE SDN BHD	2. Ms. Nurul Afiqah 1. Mr. Gan Hui Hong
8. ACUTEST SYSTEMS(M) SDN BHD	2. Ms. Leong Lai Cheng 1. Ms. Chew Shel Ling
9. AXISBIO DIAGNOSTICS SDN BHD	2. Ms. Cindy Ting Jieh Ing 1. Ms. Farrah Zuall Cobley
10. PANTAI PREMIER PATHOLOGY	2. Mr. Nor Hilal Abu Hanipah 1. Mr. Adam Hathsey
11. INNOQUEST PATHOLOGY SDN BHD (GRIBBLES PATHOLOGY (M) SDN.BHD)	2. Ms Haslina Yaakub 1. Mr. Sivasooriar Sivaneson
12. CHEMOPHARM SDN BHD	2. Mr. Gobhy Ramaloo 1. Ms. Wei Suh Chan
13. PERKIN ELMER SDN BHD	2. Ms. Wong Yoke Yien 1. Ms. June Tan 2. Ms. Noorulaini Sulaiman

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

Duties : to manage the editorial direction of the MACB Journal in consultation with the Editor and the MACB Council and to monitor the quality of the Journal. The committee will work with the Editor to establish a panel of peer reviewers on the basis of expertise and will also participate in the review process. They may provide advice on other strategic and ongoing issues relating to the Journal as requested by the MACB Council.

**f. MACB Awards Subcommittee**

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

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

**g. IFCC and APFCB National Representatives**

Y.M. Raja Dr Elina binti Raja Aziddin is the national representative to the IFCC and APFCB.

This year, Tunku Marinah, MACB vice- president represented the MACB at the 16th APFCB Council meeting which was held in conjunction with the IFCC WorldLab Congress 2022 and 16th APFCB Congress in Seoul, Korea. Raja Dr. Elina, attended the council meeting in her capacity as

Chair of the APFCB Communications and Publications Committee. Both MACB president and vice-president attended the meeting virtually. The meeting announced the newly elected EB of the APFCB which will take office in January 2023.

## 1.5 MEMBERSHIP

For the year 2021/2022 MACB has recruited 26 ordinary and 10 associate members, in the membership list with a total increase of 5.9%. MACB Membership Secretariat is actively driving sustainability of MACB membership and provision of benefits and privileges to members.

Membership	2019/2020	2020/2021	2021/2022
Fellow	1	1	1
Life	8	9	9
Ordinary	365	383	409
Associate	213	229	239
Corporate	16	20	21
Retired members	5	6	5
			(updated data)
<b>Total</b>	<b>608</b>	<b>648</b>	<b>686</b>

\*updated on 20 August 2022

## 2.0 SCIENTIFIC SUBCOMMITTEE REPORT

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

### 2.1 Activities carried out in the second half of 2021

#### 2.1.1 Participation in the IFCC Townhall for APFCB Region

The MACB Council participated in the IFCC Townhall that was organized for the APFCB region on 20<sup>th</sup> October, 2021. The event provided an opportunity for members to interact and ask questions with the IFCC president and Executive board.

MACB requested IFCC to continue hosting hybrid meetings and conferences as the Covid-19 travel restrictions are still imposed by the Malaysian government. Hybrid meetings and conferences are also more affordable and therefore will encourage a bigger participation from Malaysian delegates.

#### 2.1.2 MACB 31<sup>st</sup> Annual General Meeting: Pre- AGM Scientific Program

The 31st Malaysian Association of Clinical Biochemists (MACB) Annual General Meeting (AGM) for 2021 was successfully carried out virtually on Tuesday, 26<sup>th</sup>. Oct, 2021.

Prior to the 31<sup>st</sup> MACB AGM, a 2-hr scientific program was organised for members. In the first hour, a webinar on the topic of Method Verification for Qualitative Tests for delivered by Associate Professor Dr Pavai Sthaneswar from University Malaya Medical Centre.

This was followed by a forum on the topic 'A practical approach to lot-to-lot verification'. The 3 panellists for the forum were Dr Tony Badrick, CEO of RCPAQAP, Dr Nor'ashikin bt Othman from Hospital Kuala Lumpur and Rozita Abdullah from Hospital Sg Buloh. The forum was moderated by Dr Raja Elina, President of MACB.

The scientific program received good response and had active participation from members.

### 2.1.3 Project on Method Evaluation for TSH, PCT and HFABP diagnostic kits

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 Maglumi Thyroid Stimulating Hormone (TSH), Procalcitonin (PCT) and Heart Fatty Acid Binding Protein (HFABP) diagnostic kits on Maglumi 1000 analyzer. The objectives of the study were as follows:

- To verify the performance of Maglumi 1000 analyzer for precision, accuracy, linearity range and Limit of Quantitation (Functional Sensitivity) as compared to manufacturer's claim and analytical quality requirement.
- To evaluate the correlation between Maglumi 1000 VS Architect i2000sr for TSH assay, Maglumi 1000 VS Cobas e411 for PCT assay and Maglumi 1000 VS HUMASIS Hubi-QuanPRO for HFABP assay.
- To provide objective evidence that the new analyzer fulfills the requirements for a specific intended use.

Results of the TSH study was presented in a poster presentation at the 31<sup>st</sup> MACB Conference on 21-22<sup>nd</sup> June 2021. A complete report on the study was completed on 12<sup>th</sup> July 2021 and will be published in a scientific journal in the near future.

### 2.1.4 Project on Measurably Better Healthcare Performance

The MACB launched the project to encourage inter-disciplinary collaboration and to promote a value-based approach in the delivery of laboratory medicine services. The first meeting on the project was held virtually on 9<sup>th</sup> December 2021. Representatives from leading government and private hospitals and laboratories attended the meeting.

The MACB president gave a briefing on the project and Mr Lim Yew Khuay from Abbott presented some examples of projects from winners of the Univants Award program. This project is supported by Abbott Laboratories and is due to start in early 2022.

## 2.2 Activities in 2022

### 2.2.1 Project on Measurably Better Healthcare Performance

Five (5) project submissions were received from 2 institutions, 2 from Hospital Selayang and 3 from Pantai Premier Pathology. Due to limited funds, one project from each institution was selected in March 2022. The study is currently ongoing.

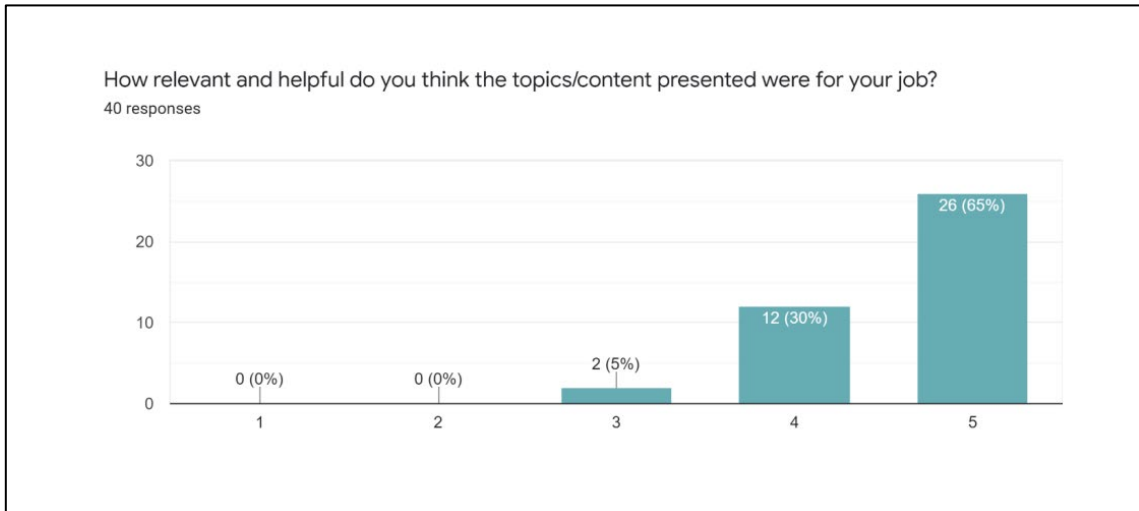
### 2.2.2 Workshop

The Scientific Committee has to date conducted 3 physical workshops in 2022. All 3 workshops were carried out in collaboration with Department of Standards Malaysia.

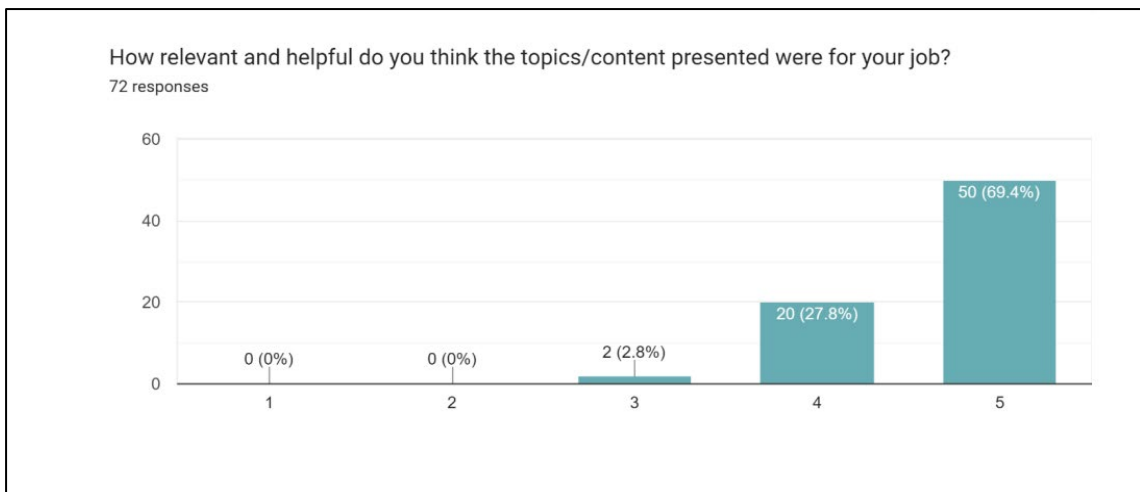
#### 2.2.2.1 Method Verification for Qualitative Tests - Two Workshops

The first workshop on Method Verification for Qualitative Tests was held on 21st March 2022. This workshop was organised as a followup to the lecture that was held at the 31st MACB AGM on a similar topic.

Due to the situation of the Covid-19 pandemic, the number of participants had to be limited and only 56 participants were allowed to participate. This one-day hands-on workshop was very well received and 95 % found the workshop relevant and useful. Topics covered include precision, verification of cut-off value and comparison studies for qualitative tests. Participants feedback is presented below



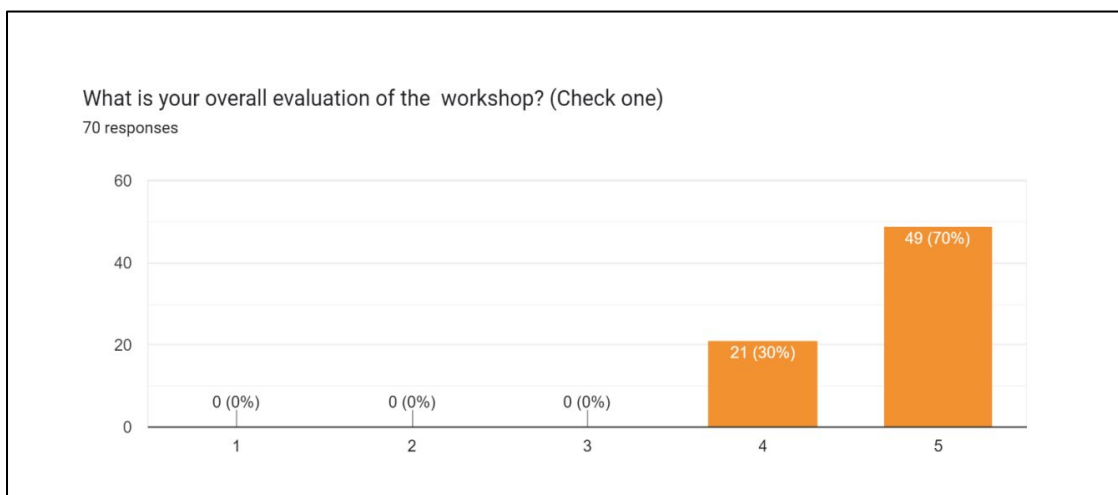
Due to requests from participants who were unsuccessful in their registration to the first workshop, a second workshop on Method Verification for Qualitative Tests was carried out on 2 August, 2022. This workshop had 87 participants and more than 97% found the workshop relevant and useful for their job.



#### 2.2.2.2 Approach to Method Verification for Quantitative Tests to Fulfil ISO 15189 Requirements

This 2-day workshop was held on 18-19th July 2022 and had 83 participants. Topics include quality specifications, imprecision, method comparison, linearity, reportable range, detection limit, functional sensitivity, verification of reference interval and how to prepare a method verification report.

Participants found this hands-on workshop very relevant and useful and due to the high demand a second workshop on the same topic will be carried out in October 2022. Participants feedback is presented below:



### 2.2.3 Collaboration with other professional societies



The Malaysian Association of Clinical Biochemist (MACB) organised a discussion on the topic of Non-alcoholic Fatty Liver Disease (NAFLD) with Prof Dr. Rosmawati Mohamed, Consultant Hepatologist, University of Malaya and medical lab representatives from various hospitals on Tuesday, 14 June, 2022 @12 noon. Agenda of the discussion were as follows:

1. Background on NAFLD disease burden and impact
2. Background and rationale of liver disease screening and risk stratification at the primary care level
3. Potential for reflex fibrosis-4 (FIB-4) scoring algorithm and consensus workflow for liver disease screening and risk stratification.

The objective of the discussion was to create better awareness among medical lab professional on NAFLD and to formulate an algorithm on lab testing for better detection and management of NAFLD in hospitals and public health labs in the country.

### 2.2.4 MACB Annual Conference

The 32<sup>nd</sup> MACB Conference will be held from 11-13 September, 2022. A pre-conference which will focus on Point of Care Testing (POCT) will be held on 11 September 2022 followed by a 2-day conference. The theme of the virtual conference is “Integrated Approach in Medical Laboratory: Challenges and Opportunities”. Various topics of interest such as integrated diagnostics, updates on eGFR reporting, personalised medicine and quality management.

The conference organizing committee are as follows:

- Advisor** : Dr. Raja Elina Raja Aziddin  
**Chairman** : Dr Norlida Harun  
**Treasurer** : Chen Bee Chin  
**Secretary** : Nafisah Mohamad Noor  
**Scientific** : Raja Dr Elina binti Raja Aziddin  
 Dr Nurulamin Abu Bakar  
 Pn. Suzana binti Ismail

<b>Registration</b>	: Noor Hidayat Hussain Vani a/p Munusamy
<b>Trade and exhibition</b>	: Sivasangkari Supremaniam Manimagalai Victoria Subramaniam
<b>MyCPD</b>	: Chuo Peck Ham
<b>Publicity and publication</b>	: Marina Shah bt Muhammad Zabri Tan
<b>Technical</b>	: Mohd Firdaus bin Abdul Aziz
<b>Protocol</b>	: Roziela binti Abu Bakar Sharon Chew Li Ping

For the first time ever, MACB held a Young Scientist Award Competition. Five winners were selected and they will be presenting in a special oral session during the conference.

A detailed report on the 32<sup>nd</sup> MACB Conference will be presented in the 2022/2023 Annual report.

### 3.0 EDUCATION SUBCOMMITTEE REPORT

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

#### 3.1 Skills Training for Clinical Biochemists

The Chairman of the Working Committee for NOSS, En. Rusli Ibrahim resigned due to work commitments. A virtual meeting and a face-to-face meeting attended by many of the committee representatives were held in 2022 to discuss the way forward. It was agreed that a Working Committee was not needed for the time being. A Curriculum meeting/workshop will be held to work on details such as the allocated hours for each topic/lecture and trainers required.

Previously MACB had registered with SLDN as a training centre but this was not finalised due to the Covid-19 pandemic. Last year the Ministry of Human Resources introduced a new software called Myspike for all applications and we were told that we have to register all over again. Similarly for registration of Hospital Kuala Lumpur and Pantai Premier Pathology as “Syarikat” for the practical training. This will cause a delay in the whole process but is now being addressed.

It was decided that Tunku Marinah will register as the Pengurus for MACB to manage the registrations and input into the new software, while Puan Norlida Harun will be appointed as Penyelaras for MACB.

Previous arrangement for the syllabus, exams and appointment of trainers and coaches will be reviewed. Dr. Shafini will remain as the Pengurus for HKL and Puan Kamisah Karim will replace Puan Siti Gayah as Penyelaras for HKL. For Pantai Premier Pathology, the Pengurus is Low Yoke Lee and Penyelaras is Rusfiza Mustapa.

#### 3.2 Workshop and Webinars

Under the Education Subcommittee, no webinars or workshops were conducted.

### 4.0 CORPORATE AFFAIR SUBCOMMITTEE REPORT

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

Corporate sub-committee 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.

In the road to Covid 19 endemic in our country, we were unable to organize any events physically. Abbott Laboratories (M) Sdn Bhd and Axisbio Diagnostics Sdn Bhd had given their support by sending participants to attend the MACB's Workshop on Method Verification for Qualitative Tests held on 21<sup>st</sup> March and 2<sup>nd</sup> Aug 2022 at Jabatan Standards Malaysia

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 Awards Subcommittee launched the MACB Young Scientist Awards (YSA) in 2022. Five (5) deserving scientists under the age of 40 years old are selected as award winners. The main objective of the MACB YSA 2022 is to recognize the achievements of young scientists under 40, who have demonstrated to be the leading experts in the field of Clinical Biochemistry. The Awards will be conferred to the recipients during the 32nd MACB Annual Conference 2022.

## 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 seminars. Our duties include co-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 subcommittee is currently developing a member database on the website that will be accessible on September 2022. The website will be the main channel for members to know their status of membership, register to an event, and access the education content.

C&P Subcommittee strive to provide technical support for MACB to continue its activities via electronic platforms. These include to hold its annual conference through ZOOM Event platform and annual general meeting via Microsoft Teams. A dedicated website has been developed for the registration of the conference and the participants can access the recorded lectures for about 30 days directly from the ZOOM platform.

Currently C&P Sub manage about four websites and six social media accounts.

Domain/subdomain/Account	Address
MACB Main Website	<a href="http://www.macb.org.my">www.macb.org.my</a>
MACB Webinar	<a href="http://www.webinar.macb.org.my">www.webinar.macb.org.my</a>
MACB Virtual Conference	<a href="http://www.32conference.macb.org.my">www.32conference.macb.org.my</a>
Malaysian journal of Clinical Biochemistry	<a href="https://journal.macb.org.my/index.php/home">https://journal.macb.org.my/index.php/home</a>
Facebook Account	<a href="http://www.facebook.com/macbpage">www.facebook.com/macbpage</a>
Instagram Account	<a href="http://www.instagram.com/macb_moments">www.instagram.com/macb_moments</a>
Youtube Channel	<a href="http://www.youtube.com/channel/UccOj_T_t-JfKpWL7F_ttFImw">www.youtube.com/channel/UccOj_T_t-JfKpWL7F_ttFImw</a> will change the url after the channel have 100 subscribers.
Flicker Account	<a href="http://www.flickr.com/photos/macbphotogallery/albums">www.flickr.com/photos/macbphotogallery/albums</a>
Telegram Info Channel	<a href="https://t.me/macbinfo">t.me/macbinfo</a>
MACB WhatsApp No	<a href="https://wa.me/60193744779">Wa.me/60193744779</a>



## 7.0 JOURNAL SUBCOMMITTEE REPORT

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

Journal Committee had one online meeting on 24 February 2022.

The decision of the committee was to contact Malaysian Citation Centre for training to run the Open Journal System (OJS) platform for journal submissions, reviewers and acceptance. Further to that, MACB Journal Committee decided to complete Journal MACB Website and input publications (abstract and papers that were submitted and reviewed by MACB reviewers. Lastly the committee aimed to place JMACB in MyCite by end of 2022.

Sincere condolences to the demised member of the MACB Journal Committee Pn. Malarvili Ramachandran who passed away on the 25<sup>th</sup> December 2021.

## 8.0 ANNUAL GENERAL MEETING 2021

The 31<sup>st</sup> MACB AGM was held virtually on 26<sup>th</sup> October 2021. Please refer to the 31<sup>st</sup> AGM minutes for details.

## 9.0 NEXT ANNUAL CONFERENCE 2023

### 9.1 33<sup>rd</sup> MACB Annual Conference 2023

The 33rd MACB Annual Conference will be held physically in Kuala Lumpur in 2023. The MACB website will keep you updated with the confirmed location and date.

## 10.0 OTHER ACTIVITIES

### 10.1 EFLM e-Academy 2022



MACB as the affiliated national association for the EFLM Academy, again establish a block enrolment for its active members starting from January 2022. EFLM Academy is a package of professional benefits for individuals working in the field of laboratory medicine. EFLM Academy Members that enrolled collectively through MACB are compliment for free access to documents of the Clinical Laboratory Standards Institute (CLSI).

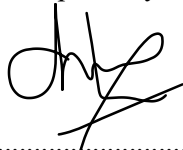
The EFLM Syllabus Course, the most complete online with on-demand Laboratory Medicine course, was introduced by EFLM in January 2022. This EFLM Syllabus course consists of more than 40 modules and over 300 lectures which cover all four main sections of the EFLM Syllabus.

MACB had received positive response from the participants where enrolment had increased tremendously from 47 to 76 enrolments. Since the majority of the MACB members are involved in the practice of clinical laboratory medicine, we hope that the enrolment in EFLM eAcademy will encourage members to use it as a competency and training resources.

**10.2 Recruitment to MACB Subcommittees**

This year MACB announced the MACB Subcommittee recruitment in order to encourage MACB members to get involved in the various committees. This is in support of achieving MACB's objectives and to give opportunities to members to play a more active role in the association. Selected applicants will hold office for a term of 2 years from the date of appointment. The MACB looks forward to expression of interests from members so as to enable the association to spearhead more activities through the various committees for the betterment of laboratory medicine in the country.

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)

**STATEMENT OF FINANCIAL POSITION**  
**AS AT 31 DECEMBER 2021**

	Note	2021 RM	2020 RM
<b>NON-CURRENT ASSETS</b>			
Property, plant and equipment	2	413,332	416,041
<b>TOTAL NON-CURRENT ASSETS</b>		<u>413,332</u>	<u>416,041</u>
<b>CURRENT ASSETS</b>			
Fixed deposits with licensed bank		769,319	618,404
Cash and bank balances		248,847	313,230
<b>TOTAL CURRENT ASSETS</b>		<u>1,018,166</u>	<u>931,634</u>
<b>TOTAL ASSETS</b>		<u>1,431,498</u>	<u>1,347,675</u>
<b>FINANCED BY:</b>			
ACCUMULATED FUND	3	1,422,361	1,339,926
<b>CURRENT LIABILITIES</b>			
Other payables and accruals		8,009	6,600
Tax liability		1,128	1,149
<b>TOTAL CURRENT LIABILITIES</b>		<u>9,137</u>	<u>7,749</u>
<b>TOTAL EQUITY AND LIABILITIES</b>		<u>1,431,498</u>	<u>1,347,675</u>

Registration No.: 1075/90

**MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS**  
(Registered in Malaysia)

**STATEMENT OF INCOME AND RETAINED PROFITS**  
**FOR THE YEAR ENDED 31 DECEMBER 2021**

	Note	2021 RM	2020 RM
<b>REVENUE</b>	<b>4</b>	195,727	87,253
LESS: COST OF REVENUE		(59,242)	(35,035)
<b>GROSS PROFIT</b>		<u>136,485</u>	<u>52,218</u>
ADD: OTHER INCOME	<b>5</b>	13,622	18,719
<b>LESS: OPERATING EXPENSES</b>			
Distribution expenses		(59,815)	(59,237)
Other operating expenses		(7,806)	(6,668)
		<u>(67,621)</u>	<u>(65,905)</u>
<b>PROFIT BEFORE TAXATION</b>	<b>5</b>	82,486	5,032
Tax expense	<b>6</b>	(51)	(576)
<b>PROFIT AFTER TAXATION</b>		<u>82,435</u>	<u>4,456</u>
RETAINED PROFITS BROUGHT FORWARD		1,339,926	1,335,470
<b>RETAINED PROFITS CARRIED FORWARD</b>		<u><u>1,422,361</u></u>	<u><u>1,339,926</u></u>