

Final Announcement



Abstract/Paper Submission & Presentation in English only

Emerging Trends in Plant Breeding Towards Sustainable Bioeconomy

8-9 March 2022
Online Conference



ORGANISED BY:
Persatuan Genetik Malaysia (Genetics Society of Malaysia)



CO-ORGANISER:
Malaysian Agricultural Research and Development Institute



IN COLLABORATION WITH:
Ministry of Agriculture and Food Industries Malaysia



MANAGED BY:
WMIT Group Sdn Bhd

Supported by:



Keynote Speech and Opening By:
YBhg. Dato' Haslina Binti Abdul Hamid
Secretary General
Ministry of Agriculture and Food Industries Malaysia

For details:
<https://www.pgm-my.org/event/ipbc2022>

For registration:
<http://submit.confday.com/conf/ipbc2020>



SCAN ME

SPONSORS:



List of Speakers

Norman Borlaug Lecture



Prof. Dr. Richard Visser

Chair & Head Plant Breeding

Wageningen University and Research, The Netherlands

*Challenges and Opportunities in Breeding Future Proof
and Sustainable Solanaceous Crops*

Plenary Speakers



Prof. Dr.

Daniel Tan Kean Yuen

University of Sydney, Australia

*Pre-Breeding Methods for
Heat Tolerant Cotton and Okra*



Prof. Dr. Nigel Maxted

University of Birmingham,
United Kingdom

*How to Double the Genetic
Diversity Available to Breeders*



Prof. Dr. Richard

M Trethowan

University of Sydney, Australia

*Experiences from
Trait Focused Pre-Breeding*



Dr. B P Mallikarjuna Swamy

International Rice
Research Institute, Philippines
Nutritional Improvement of Rice



Prof. Dr. Hou Yu

National University
of Singapore, Singapore
Breeding for Urban Farming Crops



Hj. Tapsir B. Serin

Malaysian Agricultural Research and
Development Institute, Malaysia
*MARDI's Way in Promoting
Bioeconomy*



Dr. Ir. Rony Swennen

International Institute of
Tropical Agriculture, Nigeria
*Accelerated Breeding and
Delivering Plantain and Cooking
(Matooke and Mchare)
Banana Hybrids for Africa
and Contributions from Asia*



Dr. Paul Arens

Wageningen University
and Research, The Netherlands
*Developments within Genetics and
Genomics of Ornamental Plants:
Breeding in Ornamentals is
Coming of Age*



**Prof. Datuk Dr. Mad Nasir Bin
Shamsudin**

Universiti Putra Malaysia, Malaysia
*Food Security: Issues and Policy
Responses*

List of Speakers

Lead Speakers



Prof. Dr. Kuswanto
Universitas Brawijaya, Indonesia
*Pre-Breeding Strategies of
Winged Bean and Yardlong Bean*



Dr. Abdul Rahim Harun
Agensi Nuklear Malaysia, Malaysia
*From Lab to Market:
A Case Study of NMR 152
Rice Variety using
Nuclear Technology*



Muhamad Nizam Haron
Sime Darby Research
Sdn Bhd, Malaysia
*Towards the Production of Pure
MATAG Coconut Hybrid Planting
Materials using Marker-Assisted
Selection*



Assoc. Prof. Ts. Dr. Shamsiah Abdullah
Universiti Teknologi
MARA Cawangan Melaka, Malaysia
*In Vitro Mutation
Breeding Of Banana
(Musa Acuminata Cv Berangan)*



Dr. Mohd Razik Midin
International Islamic
University Malaysia, Malaysia
*Apomixis: Mechanism and
Its Agricultural Potentials*



Marhalil Bin Marjuni
MPOB Research Station,
Bagan Datuk, Malaysia
*Evaluation and Selection
for Economically Important Traits
in Oil Palm Breeding*



Dr. Mohd Zaki Hj Abdullah
Forest Research
Institute Malaysia, Malaysia
*Forest tree breeding
in Malaysia:
Challenges & Opportunities*



Dr. Noraziyah Abd Aziz Shamsudin
Universiti Kebangsaan Malaysia, Malaysia
*Development of Rice for Tolerance to
Multiple Abiotic Stresses through Marker
Assisted Breeding*



Dr. Mohamad Kamal B. Haji Abdul Kadir
Malaysian Agricultural
Research and
Development Institute,
Malaysia
*MARDI's Plant Breeding:
Achievement and Moving
Forward*

Conference Track

PRE-BREEDING STRATEGIES

Determining and introgressing desirable traits or genes from unadapted plants or wild species into breeding lines is a vital step in plant breeding. This activity can develop an intermediate set of genetic materials or desired agronomic background of plant materials that can be used in producing new plant varieties, in which can benefit us in many ways such as delivering nutritious food for present and future generations. Research in this area is important to prepare genetic pools for breeding programs.

CONVENTIONAL PLANT BREEDING

Conventional plant breeding involves manipulation of genetic makeup of the plants. Techniques such as selection, backcrossing, single seed descent, and pedigree are approaches that have been employed to produce elite plant variety with desirable traits. High acceptance of bred lines derived from conventional plant breeding makes this technique still relevant and therefore increasing production of agriculture products.

MODERN PLANT BREEDING

Molecular breeding represents a great opportunity to consider the variability and uncertainties that are involved in the agri-food production chain. New advancements in technologies such as molecular marker, gene editing, genome selection, targeted mutagenesis, and precision agriculture technologies offer an excellent opportunity to accelerate and support productivity and efficiency that shift towards an innovation- and a knowledge-based economy.

BIOECONOMY

Plant breeding is a prime driver for bioeconomy with the development of high-yielding crops and plants with new or improved traits. With the increase in world population and challenges faced by climate change, plant breeding has significantly contributed to bioeconomy by assuring sustainable biomass feedstock for food, feed, health, energy, and industrial applications.

Organizing Committee

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Dr. Bui Chi Bui, Vietnam

Publication Opportunity

Malaysian Journal of Biochemistry &
Molecular Biology (MJBMB)

E-ISSN 2600-9005
Indexed by SCOPUS and MYCITE



Background

Plant breeding is an important field of research for improvement of yield and quality of plant production. The achievements of plant breeding have had tremendous on economic and national development. Advanced techniques and tools would be able to assist plant breeders in their practice of selection and strategies for plant improvement. This Conference will be its fifth debut of Plant Breeding Conference Series organised by the Genetics Society of Malaysia, which begun in 2012. Due to the overwhelming success of the first, second, third and fourth conferences, we are pushing this fifth conferences into a bigger role in accelerating synergies in plant breeding and genetics.

This 2-day conference will address the latest advances in various plant breeding activities and its achievements. More than 20 keynote and invited speakers will be presenting their views and findings in this conference. The conference will provide opportunities and gather as many plant breeders, agricultural scientists, geneticist, researchers, academicians, biotechnologies and student to share their latest knowledge, experience and achievements in plant improvement programmes. We will also include a special symposium related to COVID-19. This special symposium will cover topics related to 'Innovation of Plant Breeding in the Post Pandemic COVID-19 Era'

Call For Paper

The Conference cordially invites academics, practitioners, scholars, researchers, policy makers of any government agencies to present their oral or poster papers in IPBC2022. Please submit your abstract to secretariat.ipbc2020@gmail.com. All submitted papers will be blind reviewed by our scientific reviewers. Authors of accepted abstracts are required to submit a full paper consisting of a paper title, author(s) list, address and e-mail, abstract, introduction, methodology, results and discussion, conclusion, acknowledgement and references. The manuscript should be prepared using Times New Roman with font size 12. The manuscript should be written in not more than 15 pages, single-spaced (maybe word count is better) including tables and figures.

To expose our young minds to scientific cultures, we encourage the participation from postgraduate students all over the world to present their research projects in this Conference with their registration fee discounted.

Who Should Attend

- Geneticists
- Breeders
- Biotechnologists
- Industries
- Academicians
- Researchers
- Agriculturists
- Companies
- Graduate Students
- Enthusiasts
- General Public

Important Deadline

Abstract Submission (Poster Only): 25 February 2022



REGISTRATION FEE	PRESENTER	PARTICIPANT
	<i>Online</i>	<i>Online</i>
PGM Member (Local)	MYR 400.00	MYR 320.00
Government	MYR 500.00	MYR 400.00
Private/Non-Government	MYR 600.00	MYR 480.00
Student (Local)	MYR 300.00	MYR 240.00
Student (International)	USD 150.00	USD 120.00
International	USD 200.00	USD 160.00

Group of 4 individuals or more – 10% discount

Sponsorship Packages:

Packages	Price	Benefit
PLATINUM	RM 10,000.00	<ol style="list-style-type: none"> 1. Six (6) complimentary local delegates registration 2. Full page advertisement and acknowledgement in conference programme book 3. Website: Logo and name on IPBC2022 official website 4. Certificate of appreciation 5. Company corporate video during opening ceremony, breaks/lunches
GOLD	RM 5,000.00	<ol style="list-style-type: none"> 1. Three (3) complimentary local delegates registration 2. Full page advertisement and acknowledgement in conference programme book 3. Website: Logo and name on IPBC2022 official website 4. Certificate of appreciation 5. Company corporate video during breaks/lunches
SILVER	RM 3,000.00	<ol style="list-style-type: none"> 1. Two (2) complimentary local delegates registration 2. 1/2 page advertisement and acknowledgement in conference programme book 3. Website: Logo and name on IPBC2022 official website 4. Certificate of appreciation 5. Company corporate video during breaks/lunches
BRONZE	RM 2,000.00	<ol style="list-style-type: none"> 1. One (1) complimentary local delegate registration 2. Acknowledgement in conference programme book 3. Website: Logo and name on IPBC2022 official website 4. Certificate of appreciation 5. Company corporate video during breaks/lunches
Sponsorship less than RM 1,000.00 – Acknowledgement in the programme book		

CORRESPONDENCE

All correspondence and further enquiries should be addressed to:

Conference Secretariat:

E-mail: secretariat.ipbc2020@gmail.com

Tel: +603 8928 0577

Mobile: +6017 - 732 1669 (Mr. Zesdyzar)

+6017 - 213 2785 (Miss Rozie)

**“With over
200 delegates,
20 key papers
& 10 exhibitors
from all continents”**

Registration Form

Registration Status

☐ Individual ☐ Organisation

Contact Person's Details

Name _____
Designation _____ Organisation _____
Address _____
Telephone _____ Mobile _____
Facsimile _____ Email _____

Participant's Information

Name _____
Designation _____ Organisation _____
Telephone _____ Mobile _____
Facsimile _____ Email _____

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Government	MYR 500.00 ■	MYR 400.00 ■
Private/Non-Government	MYR 600.00 ■	MYR 480.00 ■
Student (Local)	MYR 300.00 ■	MYR 240.00 ■
Student (International)	USD 150.00 ■	USD 120.00 ■
International	USD 200.00 ■	USD 160.00 ■

Group of 4 individuals or more – 10% discount

Registration Online at

<http://submit.confbay.com/conf/ipbc2020>

Date and Venue

Date : 8-9 March 2022
Via : Online Conference

Secretariat

Tel : +603 8928 0577
Mail to : WMIT Group Sdn Bhd
No. 35-2-2A,
Jalan Medan Pusat Bandar 2,
Seksyen 9, 43650 Bandar Baru Bangi,
Selangor Darul Ehsan,
Malaysia
Website : <https://www.pgm-my.org/event/ipbc2022>

Online Enquiries

Email : secretariat.ipbc2020@gmail.com

Payment Term

Full payment shall be made to the Conference upon the receipt of registration form via fax or online. Due to limited conference and exhibition space, we advise the participants to register earlier and enjoy discounted promo rates for this event. Your registration will not be confirmed until full payment(s) is made via online payment, company cheque, bank draft or cash. Admission to the Conference will be restricted be if the payment has not been made by the registered participant on or before the commencement of IPBC2022.

Substitution of Participants

A participant(s) can be substituted with another participant if the Conference was notified (in writing) with the replacement details within 14 days prior to the commencement of the event. Transfer of registration to other programmes is not allowed.

Refund of Fees

Cancellation of registration must be done in writing. If the Conference received cancellation notification from participant(s):

- more than 30 days before the event, a full amount of the less 25% administrative charges will be refundable
- any cancellation less than 30 days before the event, a 50% refund of the fee will be given.;
- no refund will be given if cancellation was made less than 14 days before the event,. However, a substitute delegate is welcomed as replacement with prior notice given as mentioned above.

Cancellation or Postponements of Event

The Conference Secretariat reserves the right to cancel and/ or postpone IPBC2022 should there be any unforeseen circumstances.

Payment

(☐ Please tick (/) as applicable)

*Please write your name and event name "IPBC2022" on the back of cheque. Cross cheque shall be made payable to "WMIT Group Sdn. Bhd."

☐ Cheque Cheque No. _____
Bank Name _____

☐ Transfer Account Payable To : WMIT Group Sdn. Bhd
Account Number : 2124 5760 0121 60
Bank Address : RHB Islamic Banking, Bandar Baru Bangi, Selangor, Malaysia

Upon signing this form, you are deemed to have read and understood the Registration Guidelines, Procedures, and Policies, and have accepted the terms contained therein. Please return this registration form together with the payment to reach us before the commencement of the event. Please address it to WMIT Group Sdn Bhd, No. 35-2-2A, Jalan Medan Pusat Bandar 2, Seksyen 9, 43650 Bandar Baru Bangi, Selangor Darul Ehsan, Malaysia

Signature _____ Date _____