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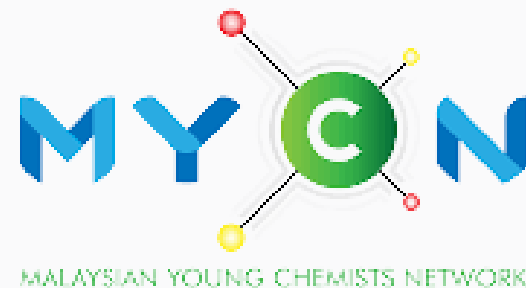
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NATURAL PRODUCTS
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MALYSIAN YOUNG CHEMISTS NETWORK



15 - 16 MAY 2025  Institute of Bioscience,
Universiti Putra Malaysia

NMR STRUCTURAL ELUCIDATION OF NATURAL PRODUCTS

Workshop

PROFESSIONAL TRAINERS



Professor ChM Dr
Intan Safinar Ismail



Associate Professor Dr
Mohamad Nurul Azmi
Mohamad Taib



Workshop Highlights

Fundamentals of NMR Spectroscopy

- Principle & instrumentation, 1D NMR (^1H & ^{13}C) & 2D NMR (COSY, HSQC, HMBC & NOESY)

Structural Elucidation

- Strategies for interpreting NMR data, case studies in solving structures of natural products
- Analysing real NMR data & collaborative problem solving

REGISTER NOW

LIMITED



REGISTRATION FEE DEADLINE

RM600 **30 APRIL**
2025

RM1000 FOR INDUSTRY PROFESSIONAL |
USD150 FOR INTERNATIONAL

Contact Us: Ts ChM Dr Mohamad Shazeli Che Zain (shazeli@usm.my)

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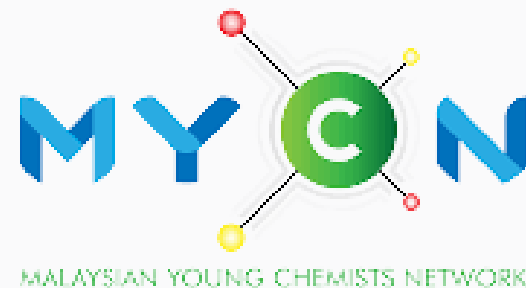
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TENTATIVE WORKSHOP OUTLINE

Day 1: Fundamentals of NMR Spectroscopy

9:00 AM
Registration and Welcome Remarks

9:30 AM
Lecture: Principles of NMR Spectroscopy

11:00 AM - Coffee Break

11:30 AM
Lecture: 1D and 2D NMR Techniques

1:00 PM - Lunch Break

2:00 PM
Practical Session: Sample Preparation and Data Acquisition

4:30 PM
Wrap-Up and Q&A

Day 2: Structural Elucidation

9:00 AM
Lecture: Strategies for structural elucidation

10:30 AM - Coffee Break

11:00 AM
Case studies: NMR Data Interpretation

1:00 PM - Lunch Break

2:00 PM
Hands-On Session: Analyzing NMR Data

4:00 PM
Group Activity: Problem Solving

5:00 PM
Certificate Distribution and Closing Remarks



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