

My NOTES



PROGRAM BOOK



A WORKSHOP SERIES ON THE
LABORATORY PRACTICES IN
NATURAL PRODUCTS RESEARCH

SOLPINAR

KULLIYAH OF SCIENCE, IUM KUANTAN CAMPUS

25 – 28 July 2016

TENTATIVE SOLPINAR SCHEDULE: DAY 1 (MONDAY JULY 25, 2016)

- 9.30 A.M. PARTICIPANTS REGISTRATION (LOBBY KOS)
- 10.00 A.M. OPENING CEREMONY (KBM)
- 10.30 A.M. REFRESHMENTS (KBM)
- 11.00 A.M. PUBLIC LECTURE (KBM)
TITLE : OVERCOMING COMMERCIALIZATION AND RESEARCH CHALLENGES OF NATURAL PRODUCTS IN MALAYSIA
SPEAKER: PROF. DR. IBRAHIM JANTAN
- 12.00 P.M. INTRODUCTORY LECTURE I (ORKID LAB)
TITLE: DISTILLATION METHODS FOR NATURAL PRODUCTS
SPEAKER: ASSOC. PROF.DR. DENY SUSANTI
- 12.45 P.M. *BRIEFING ON HYDRO DISTILLATION OF CINNAMALDEHYDE FROM CINNAMON USING HYDRO DISTILLATION METHOD*
SPEAKER: ASSOC. PROF.DR. DENY SUSANTI
- 1:00 P.M. LUNCH AND ZUHR PRAYER (BIOLOGICAL BUILDING LOBBY, PRAYER ROOM)
- 2:15 P.M. HANDS-ON LABORATORY PRACTICAL I (NATURAL PRODUCTS LABORATORY)
EXTRACTION OF CINNAMALDEHYDE FROM CINNAMON USING HYDRO DISTILLATION METHOD
DEMONSTRATOR : BR. HASSAN SHEIKH IBRAHIM & BR. AHMAD MUZAMMIL ZUBERDI

- 4:30 P.M. TEA BREAK AND DISPERSE (BIOLOGICAL BUILDING LOBBY)

SOLPINAR SCHEDULE: DAY 2 (TUESDAY JULY 26, 2016)

- 9:30 A.M. INTRODUCTORY LECTURE II (ORKID LAB)
TITLE: ISOLATION OF COMPOUNDS USING GRAVITY COLUMN CHROMATOGRAPHY & CENTRIFUGAL THIN-LAYER CHROMATOGRAPH (CHROMATOTRON)
SPEAKER: ASSOC. PROF.DR. DENY SUSANTI
- 10:30 A.M. *BRIEFING ON ISOLATION OF CINNAMALDEHYDE USING GRAVITY COLUMN CHROMATOGRAPHY*
SPEAKER: ASSOC. PROF.DR. DENY SUSANTI
- 10.45 A.M. TEA BREAK
- 11.00 A.M. HANDS-ON LABORATORY PRACTICAL II (NATURAL PRODUCTS LABORATORY)
TITLE: ISOLATION OF CINNAMALDEHYDE USING GRAVITY COLUMN CHROMATOGRAPHY
➤ PACKING THE COLUMN
DEMONSTRATOR : BR. HASSAN SHEIKH IBRAHIM & BR. AHMAD MUZAMMIL ZUBERDI
- 1:00 P.M. LUNCH AND ZUHR PRAYER (BIOLOGICAL BUILDING LOBBY, PRAYER ROOM)
- 2:00 P.M. CONTINUE HANDS-ON LABORATORY PRACTICAL II (NATURAL PRODUCTS LABORATORY)

TITLE: ISOLATION OF CINNAMALDEHYDE USING GRAVITY COLUMN CHROMATOGRAPHY

➤ SAMPLE POURING & FRACTION

DEMONSTRATOR : **BR. HASSAN SHEIKH IBRAHIM & BR. AHMAD MUZAMMIL ZUBERDI**

4:30 P.M. TEA BREAK AND DISPERSE ([BIOLOGICAL BUILDING LOBBY](#))

SOLPINAR SCHEDULE: DAY 3 (WEDNESDAY 27, 2016)

9:30 A.M. **INTRODUCTORY LECTURE III (ORKID LAB)**

TITLE: **THIN LAYER CHROMATOGRAPHY METHOD**

SPEAKER: **PROF.DR. MUHAMMAD NOR OMAR**

10:30 A.M. INTRODUCTORY LECTURE III ([MAIN AUDITORIUM](#))

BRIEFING ON CHARACTERIZATION OF CINNAMALDEHYDE USING THIN LAYER CHROMATOGRAPHY

SPEAKER: **PROF.DR. MUHAMMAD NOR OMAR**

10:45 A.M. TEA BREAK ([BIOLOGICAL BUILDING LOBBY](#))

11.00 A.M. HANDS-ON LABORATORY PRACTICAL III ([NATURAL PRODUCTS LABORATORY](#))

CHARACTERIZATION OF CINNAMALDEHYDE USING THIN LAYER CHROMATOGRAPHY & GC-MS

DEMONSTRATOR : **BR. HASSAN SHEIKH IBRAHIM & BR. AHMAD MUZAMMIL ZUBERDI**

12.30 P.M. LUNCH AND ZUHR PRAYER ([BIOLOGICAL BUILDING LOBBY, PRAYER ROOM](#))

2:00 P.M. HANDS-ON LABORATORY PRACTICAL IV ([NATURAL PRODUCTS LABORATORY](#))

DEMO ISOLATION METHOD USING CENTRIFUGAL THIN-LAYER CHROMATOGRAPH (CHROMATOTRON)

DEMONSTRATOR : **SR. SHARIFAH NURUL AKILAH SYED MOHAMAD & BR. HASSAN SHEIKH IBRAHIM & BR. AHMAD MUZAMMIL ZUBERDI**

5.00 P.M. TEA BREAK AND DISPERSE ([BIOLOGICAL BUILDING LOBBY](#))

SOLPINAR SCHEDULE: DAY 4 (THURSDAY JULY 28, 2016)

9.30 A.M. DISCUSSION OF RESULTS AND SUMMARY DEMO ISOLATION ([NATURAL PRODUCTS LABORATORY](#))

10.30 A.M. TEA BREAK ([BIOLOGICAL BUILDING LOBBY](#))

11.00 A.M. CLOSING CEREMONY

CLOSING REMARK BY THE DEAN OF KOS,

PROF. DR. KAMARUZZAMAN YUNUS

PRESENTATION OF CERTIFICATES FOR PARTICIPANTS ([BIOLOGICAL BUILDING LOBBY](#))

PHOTOGRAPHY SESSION

12.00 P.M. LUNCH AND ZUHR PRAYER ([BIOLOGICAL BUILDING LOBBY, PRAYER ROOM](#))

DISPERSE

-----**-----