

MEDICAL DOCTOR (MD) PROGRAMME PHASE I (YEAR 1)

Academic Session 2021/2022

WEEK: 1
MICROBIOLOGY, IMMUNOLOGY & PATHOLOGY COURSE (GMT 104)

 Course Coordinator:
 P/M Dr Wong Kah Keng (Ext :6227)
 email: kahkeng@usm.my

| DAY/ TIME | 8.30 | 9.00 | 10.00 | 11.00 | 12.00 | | 2.00 | 3.00 | 4.00 | |
|---------------------------------------|--------------------------|---|------------|---|------------|--|-----------------------|--------------------------|--|------------|
| SUNDAY 26/12/2021 | CHRISTMAS HOLIDAY | | | | | | L U N C H | CHRISTMAS HOLIDAY | | |
| MONDAY 27/12/2021 | Briefing <i>WKK</i> | Classification of Medically Important Bacteria <i>KK</i> | Self study | PBL 5(A) <i>PBL Facilitators</i> | | | | Self study | ENGLISH | Self study |
| TUESDAY 28/12/2021 | Self study | Classification & Replication of Viruses <i>RHS</i> | Self study | Classification of Medically Important Parasites <i>RBZ</i> | Self study | Perpustakaan Hamdan Tahir Training Librarian | | Self study | ENGLISH | Self study |
| WEDNESDAY 29/12/2021 | Self study | Microscopic Examination of Bacteria and Fungi <i>KK</i> | Self study | PBL 5(B) <i>PBL Facilitators</i> | | | | Self study | Kursus Teras Keusahawanan (WUS 101/2) <i>JKP</i> | Self study |
| THURSDAY 30/12/2021 | Self study | PRACTICAL: Staining Techniques and Microscopic Examination <i>CYY, KK, AZH, ZNA, HH, NI, RBZ, RHS, SAH, ZAR, ZSD, ZEE, NHH & Technologists</i> | | ENGLISH | | | | Self study | Classification & Development of Medically Important Fungi <i>AH</i> | Self study |

| GROUP | BT | PBL TUTORS | GROUP | BT | PBL TUTORS | GROUP | BT | PBL TUTORS |
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| 6 | 6 | | 12 | 12 | | 18 | 18 | |

MEDICAL DOCTOR (MD) PROGRAMME PHASE I (YEAR 1)

Academic Session 2021/2022

WEEK: 2

MICROBIOLOGY, IMMUNOLOGY & PATHOLOGY COURSE (GMT 104)

Course Coordinator:
P/M Dr Wong Kah Keng (Ext :6227)
email: kahkeng@usm.my

| DAY/ TIME | 8.30 | 9.00 | 10.00 | 11.00 | 12.00 | L U N C H | 2.00 | 3.00 | 4.00 | | |
|------------------------------|------------|--|------------|---|-------------------------------------|-----------------------|---|--|---|--|------------|
| SUNDAY 2/1/2022 | Self study | Microbial Genetics & Principles of Antimicrobial Resistance CYY | Self study | ENGLISH | | | Self study | Introduction to Immunology NMR | Self study | Cells and Organs of the Immune System RM | |
| MONDAY 3/1/2022 | Self study | PRACTICAL: Transport media, growth media and microbial culture ZAR, CYY, KK, AZH, ZNA, HH, NI, RBZ, RHS, SAH, ZZD, ZEE, NHH & Technologist | | Self Study | Innate Immune Response RM | | Self study | Self study | ENGLISH | | Self study |
| TUESDAY 4/1/2022 | Self study | Complement and Cytokines WKK | Self study | Adaptive Immune Response WKK | Self study | | T and B cell Development WKK | Self study | Self study | Principles of Antigen and Antibody Interactions RM | Self study |
| WEDNESDAY 5/1/2022 | Self study | Structure and Functions of Immunoglobulin RK | Self study | Major Histocompatibility Complex RM | Self Study | | Principles of Tolerance and Autoimmunity RM | Self study | Kursus Teras Keusahawanan (WUS 101/2) JKP | | Self study |
| THURSDAY 6/1/2022 | Self study | PRACTICAL: Immunological Tests WKK, NKY, NSMA, RM, NMR, RK, ASA, JMA & MLTs | | ENGLISH | | | Self study | PPIP Activity NAY | Self study | | |

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MEDICAL DOCTOR (MD) PROGRAMME PHASE I (YEAR 1)

Academic Session 2021/2022

WEEK: 3
MICROBIOLOGY, IMMUNOLOGY & PATHOLOGY COURSE (GMT 104)
Course Coordinator:
 P/M Dr Wong Kah Keng (Ext :6227)
 email: kahkeng@usm.my

| DAY/ TIME | 8.30 | 9.00 | 10.00 | 11.00 | 12.00 | L U N C H | 2.00 | 3.00 | 4.00 | |
|-------------------------------|------------|--|------------|---|-------|-----------------------|------------|--|--|---|
| SUNDAY 9/1/2022 | Self study | Principles of Immunization <i>RK</i> | Self study | ENGLISH | | | Self Study | Introduction to Pathophysiology <i>WSWG</i> | Self Study | |
| MONDAY 10/1/2022 | Self study | Clinical Immunology <i>NSMA</i> | Self study | PBL 6 (A) <i>PBL Facilitators</i> | | | Self study | | PPIP Activity NAY | |
| TUESDAY 11/1/2022 | Self study | Tissue Healing and Repair <i>SHS</i> | Self study | ENGLISH | | | Self Study | Epidemiology, Nomenclature & Characteristic of Tumour <i>ZK</i> | Self study | Carcinogenic Agents and Cellular Interaction <i>SNMN</i> |
| WEDNESDAY 12/1/2022 | Self study | Oedema & congestion <i>NACJ</i> | Self study | PBL 6 (B) <i>PBL Facilitators</i> | | | Self Study | Kursus Teras Keusahawanan (WUS 101/2) <i>JKP</i> | | Self Study |
| THURSDAY 13/1/2022 | Self study | Molecular Basis of Neoplasia I: Oncogene & Tumour Suppressor Genes <i>SHS</i> | Self study | ENGLISH | | | Self study | | Formative Assessment 1: e-Quiz e-Learning | |

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MEDICAL DOCTOR (MD) PROGRAMME PHASE I (YEAR 1)

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WEEK: 4

MICROBIOLOGY, IMMUNOLOGY & PATHOLOGY COURSE (GMT 104)

Course Coordinator:
P/M Dr Wong Kah Keng (Ext :6227)
email: kahkeng@usm.my

| DAY/ TIME | 8.30 | 9.00 | 10.00 | 11.00 | 12.00 | L U N C H | 2.00 | 3.00 | 4.00 | | |
|--------------------------------------|------------|--|------------|---|---|-----------------------|------------|---|------------|------------|--|
| SUNDAY 16/1/2022 | Self study | Molecular basis of Neoplasia II: Angiogenesis, Metastasis and Stromal Microenvironments of Tumours SNMN | Self study | ENGLISH | | | Self study | Clinical aspect of Tumours & Host Defense Against Tumours MSFZ | Self study | | |
| MONDAY 17/1/2022 | Self study | Acute Inflammation AIY | Self study | PBL 7 (A) <i>Facilitators</i> | | | Self study | ENGLISH | | Self study | |
| TUESDAY 18/1/2022 | Self study | Chronic Inflammation AIY | Self study | Thromboembolic Disorder SAM | Self study | | Self study | PRACTICAL: Neoplasia ZK & AIY | | Self study | |
| WEDNESDAY 19/1/2022 | Self study | PPIP Activity NAY | | Self study | PBL 7 (B) <i>Facilitators</i> | | Self study | Kursus Teras Keusahawanan (WUS 101/2) JKP | | Self study | |
| THURSDAY 20/1/2022 | Self study | Formative Assessment 2: e-Quiz/Kahoot e-Learning | Self study | ENGLISH | | | Self study | | | | |

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COURSE COMMITTEE MEMBERS OF MICROBIOLOGY, IMMUNOLOGY & PATHOLOGY COURSE (GMT 104)

| No | Initial | Name | E-Mail | Extension | Personal Webex link | Department |
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| 2. | RHS | Prof. Madya Dr. Rafidah Hanim Shomiad@Shueb | hanimkk@usm.my | 6255 | https://usm-cmr.webex.com/meet/hanimkk | |
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| 9. | NI | Dr. Nabilah Hj Ismail | drnabilah@usm.my | 6302 | | |
| 10. | SAH | Prof. Madya Dr. Siti Asma' Hassan | sitiasmakb@usm.my | 6826 | | |
| 11. | ZZD | Prof. Dr. Zakuan Zainy Deris | zakuan@usm.my | 6250 | | |
| 12. | ZEE | Prof. Dr. Zeehaida Mohamad | zeehaida@usm.my | 6256 | https://usm-cmr.webex.com/meet/zeehaida | |
| 13. | NHH | Dr. Nik Haszroel Hysham Nik Hashim | haszroel@usm.my | 6246 | https://usm-cmr.webex.com/meet/haszroel | |
| 14. | NKY | Dr. Nurul Khaiza Yahya | nuruliza@usm.my | 6224 | https://usm-cmr.webex.com/meet/nuruliza | IMMUNOLOGY |
| 15. | NSMA | Dr. Noor Suryani Mohd Ashari | suryani@usm.my | 6225 | https://usm-cmr.webex.com/meet/suryani | |
| 16. | WKK | Prof. Madya Dr. Wong Kah Keng | kahkeng@usm.my | 6227 | https://usm-cmr.webex.com/meet/kahkeng | |
| 17. | RM | Dr. Rohimah Mohamud | rohimahm@usm.my | 6248 | https://usm-cmr.webex.com/meet/rohimahm | |
| 18. | NMR | Dr. Norhanani Mohd Redzwan | hanani.redzwan@usm.my | 6130 | https://usm-cmr.webex.com/meet/hanani.redzwan | |
| 19. | RK | Dr. Ramlah Kadir | ramlahkadir@usm.my | 6124 | https://usm-cmr.webex.com/meet/ramlahkadir | PATHOLOGY |
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| 21. | AIY | Dr. Aidy Irman Yajid | aidy@usm.my | 6464 | https://usm-cmr.webex.com/meet/aidy | |
| 22. | SAM | Dr. Seoparjoo Azmel Mohd Isa | seoparjooazmel@usm.my | 6445 | https://usm-cmr.webex.com/meet/seoparjooazmel | |
| 23. | ZK | Dr. Zaleha Binti Kamaludin | zalehak@usm.my | 6453 | | |
| 24. | SNMN | Dr. Siti Norasikin Mohd Nafi | snmn@usm.my | 6443 | https://usm-cmr.webex.com/meet/snmn | |
| 25. | SHS | Dr. Shazana Hilda Shamsuddin | shazana.hilda@usm.my | 6617 | https://usm-cmr.webex.com/meet/shazana.hilda | ORTHOPAEDICS |
| 26. | MSFZ | Dr. Muhamad Syahrul Fitri Zawawi | msf.zawawi@usm.my | 6381 | https://usm-cmr.webex.com/meet/msf.zawawi | |
| 27. | WSWG | Dr. Wan Syaheedah Wan Ghazali | syaheeda@usm.my | 6177 | https://usm-cmr.webex.com/meet/syaheeda | PHYSIOLOGY |

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| 2 | Dr. Anisa Ahmad | anisa@usm.my | 6560 | Pengerusi Jawatankuasa PBL / Jabatan Pendidikan Perubatan |
| 3 | Dr. Muhd. Al-Aarifin Ismail | alaarifin@usm.my | 6558 | Penyelaras e-learning / Jabatan Pendidikan Perubatan |
| 4 | Dr. Nik Mohd. Rizal Mohd. Fakri | nrizal@usm.my | 6551 | Penyelaras Unit MPG, Pusat Kemahiran Klinikal & BPSP |
| 5 | Puan Nik Asmak Nik Idris | asmak@usm.my | 1475 | Deputy Chief Librarian, Perpustakaan Hamdan Tahir |
| 6 | Puan Nurul Azurah Mohd Roni | azurah@usm.my | 1478 | Senior Librarian, Perpustakaan Hamdan Tahir |
| 7 | Puan Jayah K. Pubalan | jayahkp@usm.my | 7550 | Pensyarah Kursus WUS101/PPSK |
| 8 | Puan Nor Rafida binti Mohd Seni | rafida@usm.my | 1262 | Pengerusi Caw. Pusat Pengajian Bahasa, Literasi & Terjemahan |
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| 10 | En. Mohd Rosdi Yahya | rosdikck@usm.my | 6854 | Unit AVA-UKAST, Pejabat Aset & Operasi Universiti (PAO) |
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| 13 | En Mohammad Kasni Ismail | kasni@usm.my | 1360 | Jabatan Keselamatan |
| 14 | En. Maarof Salleh | maarof1@usm.my | 6859 | Unit MPG |
| 15 | En. Asri Akhbar | asri@usm.my | 6116/6119 | BPSP |
| 16 | Puan Norhasimah Mamat@Mukhtar | norhasimah@usm.my | 6119 | |

Notes:

- ◆ All lectures, practicals, PBLs and seminars are held via online platforms (Webex, Teams etc).
- ◆ End of Course Feedback is conducted through e-learning
- ◆ Course Coordinator should be informed for any changes made in the Timetable.
- ◆ **GSL:** Guided Self Learning

Approved by:

(ASSOC. PROF. DR. ZUL IZHAR MOHD.ISMAIL)
Phase 1 Chairperson

Date :