**Medical Microbiology & Immunology department**

**Real-time PCR for Pathogen Detection & Nucleic Acid Extraction**

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| **Date** | Thursday |
| **Venue** | Medical Microbiology & Immunology Department, Faculty of Medicine |
| **Coordinator** | Dr. Sara Mina |
| **Chairpersons**: | **Prof. Mohamed Zakaria Hossein****Prof. Ahmed Amin**Prof. Naglaa Fawzy  |
| **Objectives** | The workshop aims to provide knowledge and an experience about extracting nucleic acid from different samples and using real time PCR for pathogen detection |
| **Time** | 9:00-14:00 Theoretical part 2hours, Practical part 2 hours |
| Schedule |
| 9:00-9:30 | Registration |
| 09:30-11:30 **Session 1** | Lecture on nucleic acid extraction and Real-time PCR**Dr. Sara Youssef** |
| 11:30 -12:00 | Break |
| 12:00-2:00 **Session 2** | Practical laboratory performance of nucleic acid extraction and Real-time PCR**Trainer: Dr. Sara Youssef** |