**3rd year Theory Lectures 2015-2016**

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| **Lec No.** | **Lecture Title** | **Lecturer** |
| 1 | General prosperities & classification of viruses | Dr Ahmed Sahib |
| 2 | Viral replication and genetics | Dr Ahmed Sahib |
| 3 | Cultivation of viruses, effect of virus on host cells  Pathogenesis of viral diseases (acute, chronic, latent, and slow viral infection) | Dr Ahmed Sahib |
| 4 | Prevention and treatment of viral infections: Viral vaccines and interferon. | Dr Arwa Mujahed |
| 5 | Antiviral chemotherapy | Dr Arwa Mujahed |
| 6 | Medically important non-enveloped DNA viruses | Dr Asmaa Baqer |
| 7 | Medically important enveloped DNA viruses (1) | Dr Ahmed Sahib |
| 8 | Medically important enveloped DNA viruses (2) | Dr Ahmed Sahib |
| 9 | Orthomyxoviruses (1) | Dr Arwa Mujahed |
| 10 | Orthomyxoviruses (2) | Dr Arwa Mujahed |
| 11 | Paramyxoviruses | Dr Asmaa Baqer |
| 12 | Hepatitis viruses (1) | Dr Arwa Mujahed |
| 13 | Hepatitis viruses (2) \***(newly introduced anti-hepatitis drugs, and HCV vaccination trials)** | Dr Arwa Mujahed |
|  | Midterm Examination |  |
| 14 | Rubella virus and other congenital viral infection | Dr Asmaa Baqer |
| 15 | Rhabdovirus , RNA non-enveloped viruses | Dr Arwa Mujahed |
| 16 | Picornaviruses | Dr Asmaa Baqer |
| 17 | Rotavirus \***(newly introduced rata virus vaccine in Iraq)** | Dr Asmaa Baqer |
| 18 | Retroviruses (1) | Dr Arwa Mujahed |
| 19 | Retroviruses (2) \***(HIV vaccines and curative therapy in HIV CHILDREN)** | Dr Arwa Mujahed |
| 20 | Reo, corona virus, SARS | Dr Arwa Mujahed |
| 21 | Arboviruses and \***Ebola Virus** | Dr Asmaa Baqer |
| 22 | Human Cancer viruses | Dr Asmaa Baqer |
| 23 | Human Cancer viruses \***(NEWLY DISCOVERED ONCOGENIC VIRUSES)** | Dr Asmaa Baqer |
| 24 | **\*Bacteriophages** | Dr Ahmed Sahib |

Coarse instructor: Assist. Prof. Dr. Ahmed Sahib

**\*Subjects written in bold are newly introduced lectures**