Pondicherry Institute of Medical Sciences
(A Unit of The Madras Medical Mission)
Office of the Vice Principal UG

**Department of Pathology MBBS (2025 Batch) Schedule - October 2026**

| Competancy No | Date | Timings | Competancy | Teaching Learning Methods | Hours taken | Faculty 1 | Faculty 2 | Faculty 3 | Faculty 4 |
|---|---|---|---|---|---|---|---|---|---|
| PA1.1,1.2,1.3 | 07.10.26 | 8-9 am | Introduction to Pathology – History & Evolution, Role of a Pathologist, Common definitions and terms used&Cell proliferation and cell cycle and concept of regenerative medicine along with role of stem cells. | Lecture | 1 | Dr. Moses | | | |
| PA1.1,1.2,1.3 | 07.10.26 | 2-4 pm | Introduction to Pathology-Lab visit | SGD DOAP | 2 | Dr. Prabhavati | Dr. Gayathri | Dr. Fareeda | Dr. Grace, Dr. Bharathi |
| PA2.6 | 09.10.26 | 9-10 am | Overview of Cellular Responses to Stress and Noxious Stimuli & Adaptations of cellular growth and differentiation including dysplasia | Lecture | 1 | Dr. Soundarya | | | |
| PA2.1, PA2.2 | 10.10.26 | 8-9 am | Cell Injury- Causes, mechanisms and clinico-pathological correlation of cell injury and death. Distinguish between reversible-irreversible injury | Lecture | 1 | Dr. Soundarya | | | |
| | 12.10.26 | 8-9 am | Case based MCQ test and discussion on on Cell adaptation & reversible-irreversible injury | | 1 | Dr. Jaseel | | | |
| PA2.4,PA2.5 | 12.10.26 | 9-10 am | Describe and explain Cell death- types, mechanisms, necrosis, Gangrene & autolysis | Lecture | 1 | Dr. Kumuthini | | | |
| PA2.6,PA2.8 | 13.10.26 | 2-4 pm | Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens. Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia Gross-Hypertrophy heart, pregnant uterus & atrophic uterus | SGD DOAP | 2 | Dr. Moses | Dr. Oshan | Dr. Kumuthini | Dr. Soundarya, Dr. Jaseel |
| PA2.4,PA2.7 | 14.10.26 | 8-9 am | Describe and explain Cell death- types, mechanisms, apoptosis (basic as contrasted with necrosis), Cellular aging | Lecture | 1 | Dr. Kumuthini | | | |
| PA2.6,PA2.8 | 14.10.26 | 2-4 pm | Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens. Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia Gross-Hypertrophy heart, pregnant uterus & atrophic uterus | SGD DOAP | 2 | Dr. Prabhavati | Dr. Gayathri | Dr. Fareeda | Dr. Grace, Dr. Bharathi |
| PA2.3, 2.5 | 16.10.26 | 9-10 am | Intracellular accumulations of fats, proteins, carbohydrates and pigments. Pathological calcification | Lecture | 1 | Dr. Oshan | | | |
| PA11.3 | 17.10.26 | 8-9 am | Describe the pathogenesis of common storage disorders in infancy andchildhood-Mendelian Disorders (Marfan's, Ehler- Danlos, Lysosomal Storage Disorders, Glycogen storage disorders) | Lecture | 1 | Dr. Bharathi | | | |
| PA11.1 | 17.10.26 | 11.15am -1pm | Mutations and Cytogenetic Disorders ( Down's, Turner's, Klinefelter) and diagnosis of genetic disorders **(Integrated teaching with Anatomy-Genetics & Paediatrics)** | Lecture | 2 | Dr.Grace | | | |

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| PA2.4,PA2.8 | 20.10.26 | 2-4 pm | Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens<br>Describe and discuss Cell death- types, mechanisms, necrosis and apoptosis<br>Gross-Myocardial infarct, splenic infarct,Gangrene intestine,Fat necrosis (pancreas), Brain abscess, Caseous necrosis lymphnode<br>Slides-Myocardial infarct, Caseous necrosis lymphnode<br>Demonstration-Apoptosis | SGD<br>DOAP | 2 | Dr. Moses | Dr. Oshan | Dr. Kumuthini | Dr. Soundarya, Dr. Jaseel |
| PA 3.1 | 21.10.26 | 8-9 am | General features of acute and chronic inflammation.<br>Acute inflammation – Vascular events | Lecture | 1 | Dr. Prabhavati | | | |
| PA2.4,PA2.8 | 21.10.26 | 2-4 pm | Identify and describe various forms of cell injuries, their manifestations and consequences in gross and microscopic specimens<br>Describe and discuss Cell death- types, mechanisms, necrosis and apoptosis<br>Gross-Myocardial infarct, splenic infarct,Gangrene intestine,Fat necrosis (pancreas), Brain abscess, Caseous necrosis lymphnode<br>Slides-Myocardial infarct, Caseous necrosis lymphnode<br>Demonstration-Apoptosis | SGD<br>DOAP | 2 | Dr. Prabhavati | Dr. Gayathri | Dr. Fareeda | Dr. Grace,<br>Dr. Bharathi |
| PA 3.1 | 23.10.26 | 9-10 am | Acute inflammation - Cellular events, Killing and phagocytosis. Outcomes and morphological patterns of acute inflammation | Lecture | 1 | Dr. Prabhavati | | | |
| PA 4.3, PA5.1 | 24.10.26 | 8-9 am | Acute inflammation – Chemical mediators. Systemic effects of inflammation | Lecture | 1 | Dr. Selva Guru Lakshmi | | | |
| PA2.3, 2.5 | 27.10.26 | 2-4 pm | Intracellular accumulation of fats, proteins, carbohydrates,pigments,<br>Describe and discuss pathologic calcifications<br>Gross-Anthracosis lung, Fatty liver ;<br>Slide-Fatty liver, Dystrophic calcification, Anthracotic pigment & Hemosiderin pigment | SGD<br>DOAP | 2 | Dr. Moses | Dr. Oshan | Dr. Kumuthini | Dr. Soundarya, Dr. Jaseel |
| PA4.3 | 28.10.26 | 8-9 am | Chronic inflammation – Chronic inflammatory cells, causes, types – non specific and granulomatous inflammation | Lecture | 1 | Dr.Gayathri | | | |
| PA2.3, 2.5 | 28.10.26 | 2-4 pm | Intracellular accumulation of fats, proteins, carbohydrates,pigments,<br>Describe and discuss pathologic calcifications<br>Gross-Anthracosis lung, Fatty liver ;<br>Slide-Fatty liver, Dystrophic calcification, Anthracotic pigment & Hemosiderin pigment | SGD<br>DOAP | 2 | Dr. Prabhavati | Dr. Gayathri | Dr. Fareeda | Dr. Grace,<br>Dr. Bharathi |
| PA5.1 | 30.10.26 | 9-10 am | Cell regeneration & repair by fibrosis. Wound healing and fracture healing<br>( Vertical Integration with Surgery) | Lecture | 1 | Dr.Ann | | | |
| PA 3.1 &<br>PA 3.2 | 31.10.26 | 8-9 am | Amyloidosis | Lecture | 1 | Dr.Oshan | | | |

**Dr. Moses Ambroise**
**Professor and Head**
**Department of Pathology**