



**AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE**

**AIMS Ponekkara P.O. Kochi-41**

## **DEPARTMENT OF BIOCHEMISTRY**

### **PG TEACHING SCHEDULE FOR THE MONTH OF AUGUST 2025**

#### **THEORY (TIME: 2 PM – 3 PM)**

| <b>DATE</b> | <b>TOPIC</b>                             | <b>FACULTY</b>          |
|-------------|------------------------------------------|-------------------------|
| 01.08.2025  | Cell Part 1                              | Dr. Sajitha.Krishnan    |
| 08.08.2025  | Cell fractionation 1                     | Dr. Sajitha.Krishnan    |
| 11.08.2025  | Intracellular protein trafficking part 1 | Dr. Sumithra N Unni     |
| 27.08.2025  | Cell cycle part1                         | Dr. Purnima Eliz Thomas |

#### **CLINICAL BIOCHEMISTRY POSTING (TIME 10 AM – 1 PM)**

| <b>DATE</b> | <b>TOPIC</b>  | <b>FACULTY</b>                                                           |
|-------------|---------------|--------------------------------------------------------------------------|
| 04.08.2025  | EQAS          | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 11.08.2025  | ELISA         | Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas                          |
| 18.08.2025  | IQC           | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 25.08.2025  | Kappa & Lamda | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |

**SEMINAR (TIME: 12 PM – 1 PM)**  
**(Attendees: All faculties and PGs)**

| DATE       | TOPIC                              | PRESENTER            | FACULTY                                                                                                                                                                 |
|------------|------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.08.2025 | Biomedical waste Management Part 1 | Dr. Elizabeth Thomas | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu,<br>Dr. Pooja<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V, |
| 19.08.2025 | Pre Analytical Errors Part 1       | Dr. Pooja Prasannan  | Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu,<br>Dr. Pooja<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,                          |
| 27.08.2025 | Gravimetry Part 1                  | Dr. Afthab Moideen   | Dr. Sajitha Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu,<br>Dr. Pooja<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,  |

**JOURNAL CLUB (TIME: 2 PM – 4 PM)**  
**(Attendees: All faculties and PGs)**

| DATE       | TOPIC                                                                                                                                                                                                                                                         | PRESENTER            | FACULTY                                                                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.08.2025 | Aydin, S., Aydin, S., Eren, M.N. et.al,<br>The cardiovascular system and the<br>biochemistry of grafts used in heart<br>surgery. SpringerPlus 2, 612 (2013).<br><a href="https://doi.org/10.1186/2193-1801-2-612">https://doi.org/10.1186/2193-1801-2-612</a> | Dr. Elizabeth Thomas | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu<br>Dr. Pooja<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V |

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|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18.08.2025 | Gothelf, Y., Abramov, N., Harel, A. et.al, Safety of repeated transplantations of neurotrophic factors-secreting human mesenchymal stromal stem cells. Clin Trans Med 3, 21 (2014).<br><a href="https://doi.org/10.1186/2001-1326-3-21">https://doi.org/10.1186/2001-1326-3-21</a>  | Dr. Pooja Prasannan | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu<br>Dr. Pooja<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V |
| 30.08.2025 | Greiser, J., Engert, B., Föll, R. et al. Toxicity study of TEoS-DAZA, a chemical precursor for functional liver imaging with PET/CT. EJNMMI radiopharm. chem. 10, 24 (2025).<br><a href="https://doi.org/10.1186/s41181-025-00342-x">https://doi.org/10.1186/s41181-025-00342-x</a> | Dr. Afthab Moideen  | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu<br>Dr. Pooja<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V |

**CLINICO PATHOLOGICAL MEETING (TIME 9 AM - 11 AM)**  
**(Attendees: All PGs)**

| DATE       | TOPIC                                                 | STUDENT                                                                                                               | FAULTY         |
|------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------|
| 06.08.2025 | L1 nerve sheath tumour - Schwannoma                   | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Pathology department<br>and Endocrine department                       | Dr. Gayathri S |
| 13.08.2025 | Sclerosing mucoepidermoid carcinoma with eosinophilia | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Pathology department<br>and Endocrine department                       | Dr. Gayathri S |
| 27.08.2025 | Epithelioid haemangioendothelioma                     | Dr. Elizabeth Thomas<br>Dr. Afthab Moideen<br>Dr. Pooja Prasannan<br>Pathology department<br>and Endocrine department | Dr. Gayathri S |

**GROUP DISCUSSION (TIME: 10 AM – 11 AM)**

**(Attendees: All faculties and PGs)**

| <b>DATE</b> | <b>TOPIC</b>                                | <b>STUDENT GROUP</b>                                              | <b>FAULTY</b>                                                                                                                   |
|-------------|---------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 05.08.2025  | Biostatistics & research methodology part 2 | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan                       | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V, |
| 13.08.2025  | Bioenergetics part 1                        | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan                       | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V, |
| 19.08.2025  | Biostatistics & research methodology part 2 | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan                       | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V, |
| 30.08.2025  | Biological oxidation part 2                 | Dr. Elizabeth Thomas<br>Dr. Afthab Moideen<br>Dr. Pooja Prasannan | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V, |

**TEST PAPER**

| DATE       | TOPIC       | BATCH      | FACULTY                                                                    |
|------------|-------------|------------|----------------------------------------------------------------------------|
| 26.08.2025 | Cell Part 2 | 2023 BATCH | Dr. Sajitha.Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz<br>Thomas |
| 26.08.2025 | Cell Part 2 | 2024 BATCH | Dr. Sajitha.Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz<br>Thomas |

**BIOCHEMISTRY TEST REPORT**

| TESTS                  | NUMBER |
|------------------------|--------|
| Blood chemistry        | 748319 |
| Endocrinology          | 22451  |
| Other fluids           | 991    |
| Special Investigations | 4998   |



**DR. SAJITHA KRISHNAN,  
PROF & HOD  
DEPARMENT OF BIOCHEMISTRY  
AIMS KOCHI**