



Submission No.: PG09-9224

Session : Postgraduate Course 9 (Laboratory)

Date & Time, Place : November 16 (Thu), 13:00-14:30, Room 6F-2

Session Title : Transplant Immunology: Practical issues in HLA Eplets and Desensitization Monitoring

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## **Basic of HLA Eplet Analysis**

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HLA eplet analysis is a fundamental component of modern immunogenetics and transplant medicine. This analytical approach focuses on dissecting the HLA molecules into smaller units called eplets, which are defined by specific amino acid configurations. By characterizing these eplets, researchers and clinicians gain insights into HLA compatibility and the likelihood of graft acceptance or rejection in organ transplantation. In this lecture, we will overview the basics of HLA eplet analysis, its significance in transplant medicine, and its potential to improve patient outcomes.