



## NTHRYS WORKSHOPS

# Advanced Techniques In Biostatistics

### 8:45 AM - 10:15 AM: Session 1: Regression Analysis

Introduction to regression analysis and its applications.  
Practical demonstration of linear and logistic regression models.

### 10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Survival Analysis

Overview of survival analysis methods.  
Hands-on workshop on applying survival analysis techniques to biological data.

### 12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Bayesian Statistics

Introduction to Bayesian statistics and its applications in biology.  
Practical session on Bayesian data analysis using software tools.

**2:30 PM - 2:45 PM: Short Break**

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Bioinformatics and Biostatistics**

Discussion on the integration of bioinformatics and biostatistics.  
Case studies on using biostatistical methods in genomics and proteomics.

**4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break**

Last networking opportunity with snacks.

**4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption**

Group discussions on implementing new techniques learned today.  
Dialogue on overcoming challenges in adopting new technologies in similar sectors.  
Feedback session and closing remarks.

Certificate Issue

**5:30 PM: Workshop Concludes**