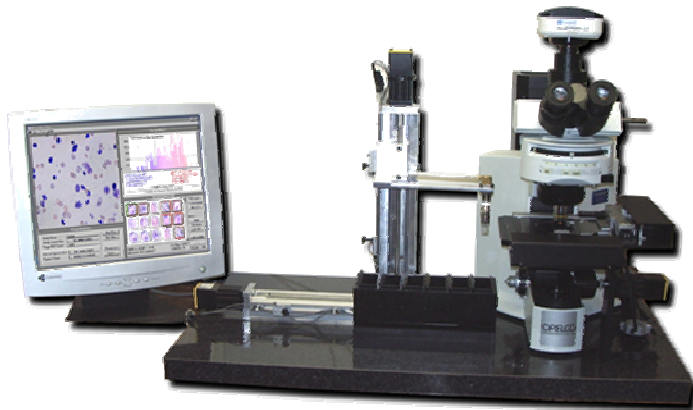
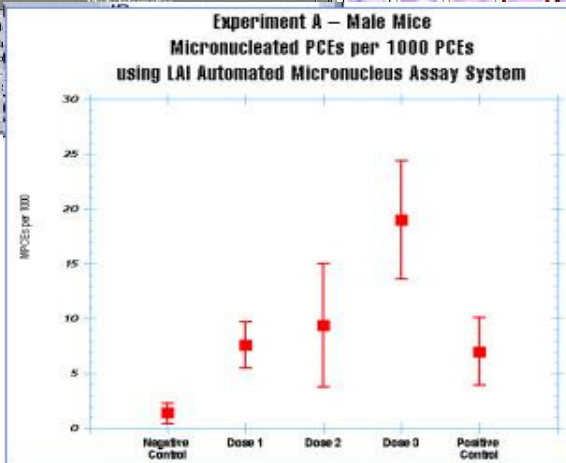
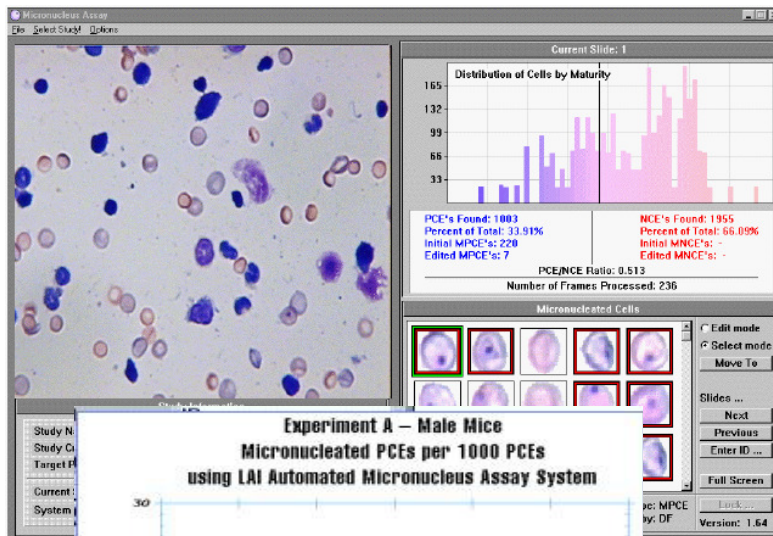


# Loats Associates, Inc. *In Vivo*- Micronucleus Assay Scoring System



150 Slide Finding and Scoring Systems



## Benefits

- ◆ Greatly Reduces Man-Hour Requirements Saving Time and Money
- ◆ Speeds *In Vivo* Micronucleus Analysis
- ◆ Increases Throughput and Capacity
- ◆ Consistent, Unbiased Automated Scoring Increases Accuracy, Reproducibility and Statistical Reliability
- ◆ Improves Overall Data Traceability

## Key Operational Features

- ◆ Batch Processes up to 150 Geimsa Stained Slides in a Single Run
- ◆ Automatically Scans Slides and Scores Micronucleated PCEs and NCEs in Bone Marrow or Peripheral Blood
- ◆ Computes Micronuclei Frequency for Assessment of Genotoxicity
- ◆ Computes PCE to NCE Ratio for Assessment of Cytotoxic Effects
- ◆ Saves Postage Stamp Image of Each Micronucleated Cell for Subsequent User Review
- ◆ Relocates Cells for User Examination and Verification
- ◆ Automatically Generates Statistical Summary Reports
- ◆ System Access is Password Protected and Audit Trail Information is Recorded to Support GLP Requirements

## System Components

- ◆ Robotic Microscope with Computer Controlled Servo-Driven Stage and Focus
- ◆ High Resolution Color Digital Camera
- ◆ Windows Based Computer, with Keyboard, Mouse and Large Flat Panel Monitor
- ◆ Micronucleus Scoring Software