

MONSANTO 863 GM-MAIZE

**SIGNIFICANT DIFFERENCES
BETWEEN MON 863 AND
CONTROL-FED RATS**

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MALES: – DIFFERENCES IN HAEMATOLOGY

- **33% MON 863 *versus* PARENT CONTROL:**
- - **White blood cells (WBC)-, lymphocyte-, basophil counts, APPT**
- **33% MON 863 *versus* REF. CONTROLS:**
- - **Red blood cell- (RBC), haemoglobin, MCHC, WBC-, reticulocyte, and basophil counts,**

FEMALES – DIFFERENCES IN HAEMATOLOGY

- **33% MON 863 *versus* PARENT CONTROL:**
- **RBC-, haemoglobin, reticulocyte- (both at 5 and 14 weeks) counts**
- **33% MON 863 *versus* REF CONTROLS:**
- **MCHC, reticulocyte-, basophil counts, prothrombin time, APPT**

MALES: DIFFERENCES IN BLOOD CHEMISTRY

- **33% MON 863 *versus* PARENT CONTROL:**
- **Proteins, albumins, globulins, alanine amino transferase, Calcium, Cl, glucose, creatinine**
- **33% MON 863 *versus* REF CONTROLS:**
- **Albumins, alkaline phosphatase, phosphate, urea**

FEMALES: DIFFERENCES IN BLOOD CHEMISTRY

- **33% MON 863 *versus* PARENT CONTROL:**
- **Albumins, globulins, cholesterol, triglycerides**
- **33% MON 863 *versus* REF CONTROLS:**
- **Triglycerides, alanine amino transferase,
Calcium, phosphates**

CONCLUSION:

- **IT IS IMPOSSIBLE TO ACCEPT THAT MAJOR LESIONS IN IMPORTANT ORGANS (KIDNEYS, LIVER) AND CHANGES IN BLOOD PARAMETERS (LYMPHOCYTES, RETICULOCYTES, GLUCOSE, ETC) IN MON 863-FED RATS IS INCIDENTAL AND DUE TO BIOLOGICAL VARIABILITY**