

G-TWYST

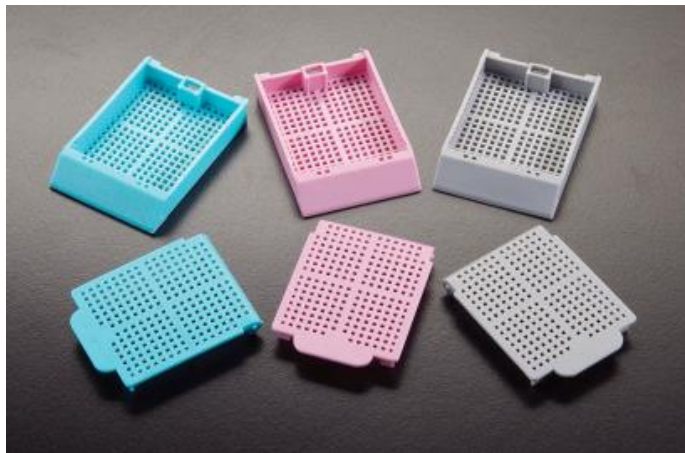
GM PLANTS TWO YEAR SAFETY TESTING

Necropsy, tissue sampling and trimming of organs

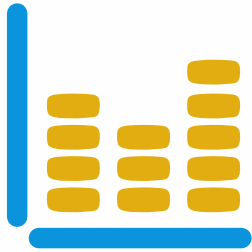
SZU



Necropsy, tissue sampling and trimming of organs will be carried out at SZU



Formalin-fixed and trimmed tissues will be shipped to the Department of Pathology in Hannover



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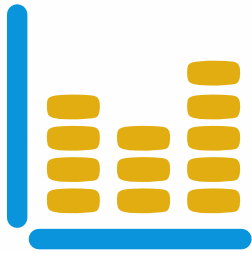
GM PLANTS TWO YEAR SAFETY TESTING

Histology

**Department of Pathology,
University of Hannover (TIHO)**



- **Automatic embedding of the tissues**
- **Production of paraffin blocks**
- **Slide production by experienced technicians**
- **Automatic haematoxylin-eosin staining**
- **Automatic application of cover glasses**
- **Storage of the paraffin blocks until the end of the study**
- **Shipment of stained slides to RA**



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Histopathological Evaluation

Roger Alison Ltd.



Roger Alison BVSc, MRCVS, DipIECVP:

- **34 years experience in Toxicological Pathology, including Contract Laboratories, US Government, and a major Pharmaceutical Company.**
- **25 years experience as Consultant Toxicological Pathologist**
- **25 years of GLP Certification by Regulatory Authorities**
- **Special interest and expertise in Carcinogenicity Study Evaluation**

Data Capture:

- **Slides received, stored in fire-safe secure UK government approved storage**
- **Evaluation conducted using market leading PathData pathology software**
- **Necropsy data entered on PathData to allow correlation of necropsy findings with histopathology**
- **Histopathological findings entered directly onto PathData**
- **In-house UK government approved Quality Assurance Auditor.**

Reporting:

- **GLP compliant “Final Pathology Report”**
- **Text portion – materials and methods, summary of results, discussion, conclusion (approx. 30 pages)**
- **PathData Appendix – computer generated (approx 2500 pages)**
 - incidence tables, individual animal data in tabular (AOFT) and text format
 - specialist statistical software in PathData producing industry standardised “Peto” test age-adjusted analysis of lethal and non-lethal neoplasms.