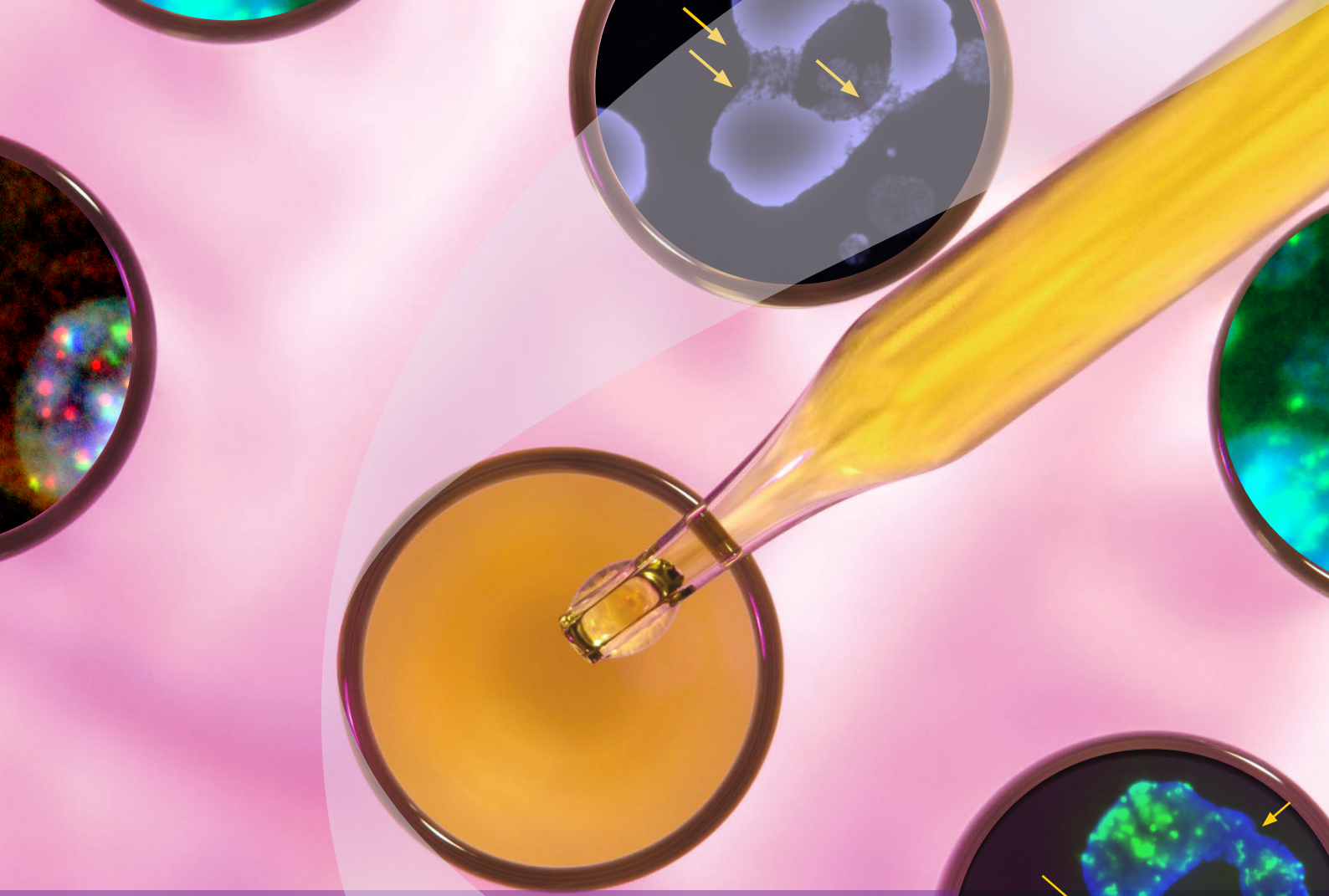


# Rapid Micronucleus MoA Fast Detection of Chromosomal Aberrations and Instabilities

- 1 hour FISH Assay – fast, reliable assessment of chromosomal instabilities and aberrations
- Fast, clear identification of aneugens, clastogens, nucleoplasmic bridges (NPBs) and nuclear buds (NBUDs)
- Ready to use kit including pan-centromeric probes, DAPI and reagents
- Clear visualization of the cytoplasm without further coloration
- In line with OECD TG473, TG487
- Human stem cells and human whole blood
- Fast assessment of chromosomal aberrations in biological dosimetry

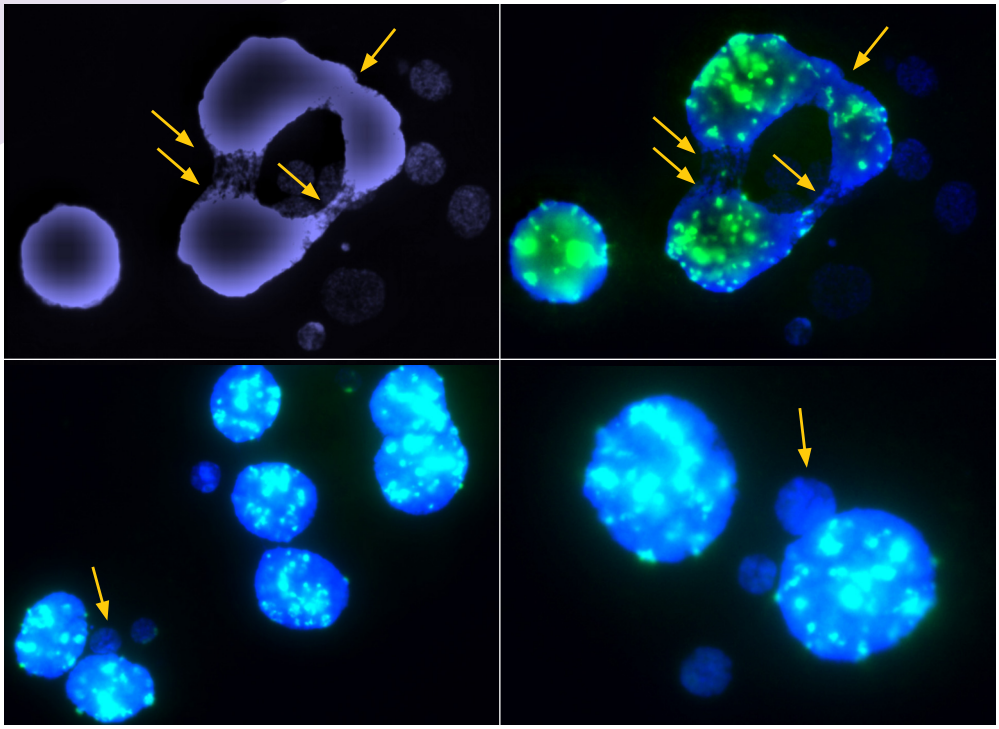
XENOMETRIX

Swiss Commitment for Bioassays

# Rapid MicroNucleus MoA (Mode of Action): Fast Identification of micronuclei (MN), nucleoplasmic bridges (NPBs) and nuclear buds (NBUDs) as markers of chromosomal instability and aberration

Screening for the presence of micronuclei (MN), nucleoplasmic bridges(NPBs) and nuclear buds(NBUDs) can be used as valid markers of chromosomal instability and aberrations. Chromosomal instability is considered as a robust and reliable biomarker for prognosis for treatment response and for clinical outcome.

Scoring of these morphological modifications can be automated making the analysis both reliable and fast. Please contact info@xenometrix.ch for further information.



## Analytical Services for in vitro, chromosomal Aberration under GLP OECD TG473, TG487

- Fast, clear identification of Aneugens, Clastogens, NPBs, NBUDs
- Short turnaround time: 3–4 weeks
- Dosimetry Studies
- Miniaturized, minipriced MNvit test for Screening, OECD TG487

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30.08.2023