

UCT Clinical PK Laboratory

International Partner for
Bioanalytical Services



Prof Lubbe Wiesner
Laboratory Director

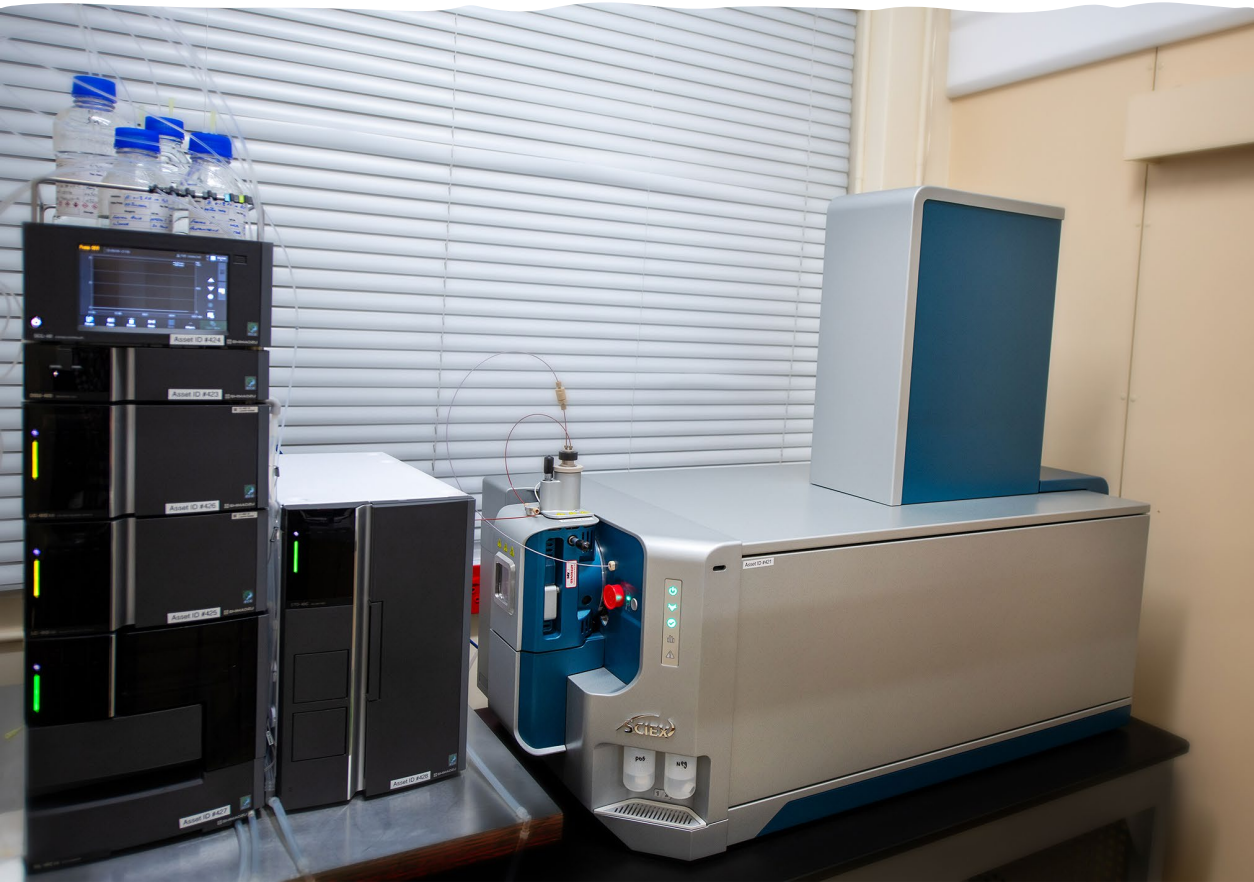
Who we are

A professional bioanalytical team with over 30 years' experience.

Cutting-edge facility equipped with 10 LC-MS/MS workstations.

Recognised for analysing clinical trial samples in accordance with ISO 15189, GCLP, and 21CFR11.

Validations performed according to FDA, EMA and ICH M10 guidelines.



Our Services and Expansion Projects



Develop and validate specialised PK and biomarker assays using LC-MS/MS



Pharmacokinetic sample analysis



GLP certification – target completion by end-2025



Antibody and biosimilar PK sample analysis

ELISA – target completion by end-2025

MSD – target completion by end-2026

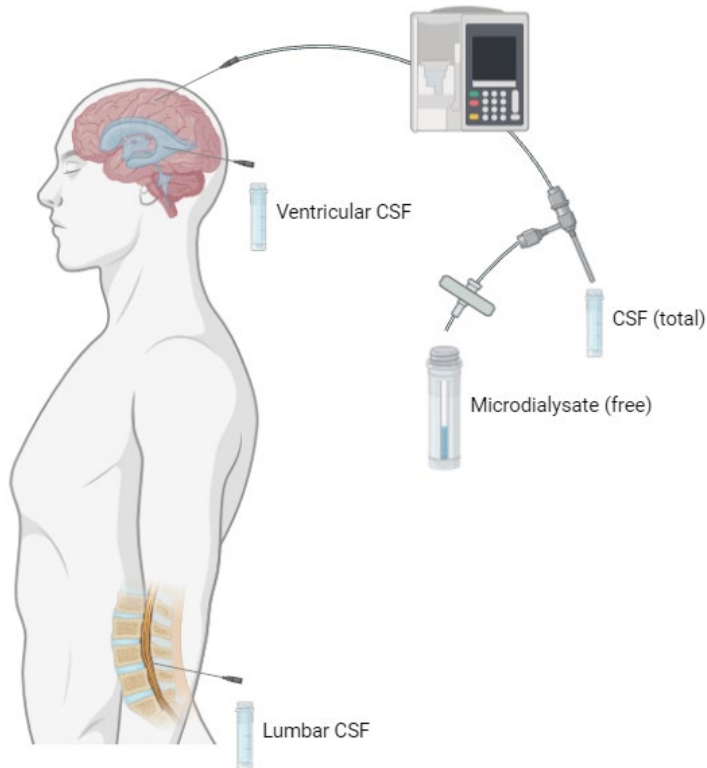


Alzheimer's blood test: LC-MS/MS assay for pTau-217 and A β 1-42
– target completion by mid-2026

Advanced Bioanalytical Assays

Sample matrices include blood, plasma, CSF, urine, DBS, PBMCs, brain extracellular fluid, VAMS, breast milk, PCF, etc.

Small sample volumes (from 5 μL)





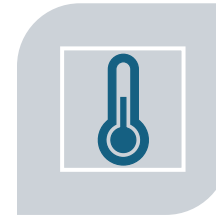
International Sample Handling



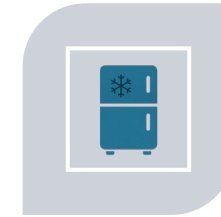
IATA-CERTIFIED SAMPLE
TEAM



CUSTOMS CLEARANCE /
WORLD COURIER



IN-TRANSIT TEMPERATURE
MONITORING WITH
TEMPTALES®



-20°C / -80°C STORAGE
CAPACITY



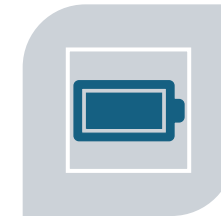
SODIUM VAPOR
ILLUMINATION FOR LIGHT
SENSITIVE SAMPLES



VALIDATED IMONNIT
SCIENTIFIC TEMPERATURE
MONITORING SYSTEM



FREEZER MAPPING



BACKUP POWER
GENERATORS AND
BATTERY-BACKUP
SYSTEMS

Strategic Value Proposition for a UCT Partnership



SCALABLE PK CENTRE
OF EXCELLENCE FEATURING
10 LC-MS/MS WORKSTATIONS
AND A TEAM OF SPECIALISED
PROFESSIONALS



SPECIALISED LC-MS/MS



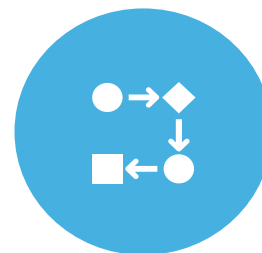
ELISA AND MSD PLATFORMS
FORTHCOMING FOR ANTIBODY
AND BIOSIMILAR PK ANALYSIS



CLINICAL TOXICOLOGY
SCREENING



EFFICIENT MANAGEMENT AND
TIMELY DATA FLOW LEAD TO
FASTER RESULTS AND COST
SAVINGS



PROACTIVE ASSAY PLANNING
ALIGNED WITH UPCOMING
STUDIES, ENABLING FASTER
STUDY START-UP AND DE-
RISKED TIMELINES

Contact us



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for service-related queries