

VIMTA Labs Capabilities



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Jan 21, 2010



Vimta Labs Ltd

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➤ 25 Years Old CRTO

➤ Independent Public Ltd Company

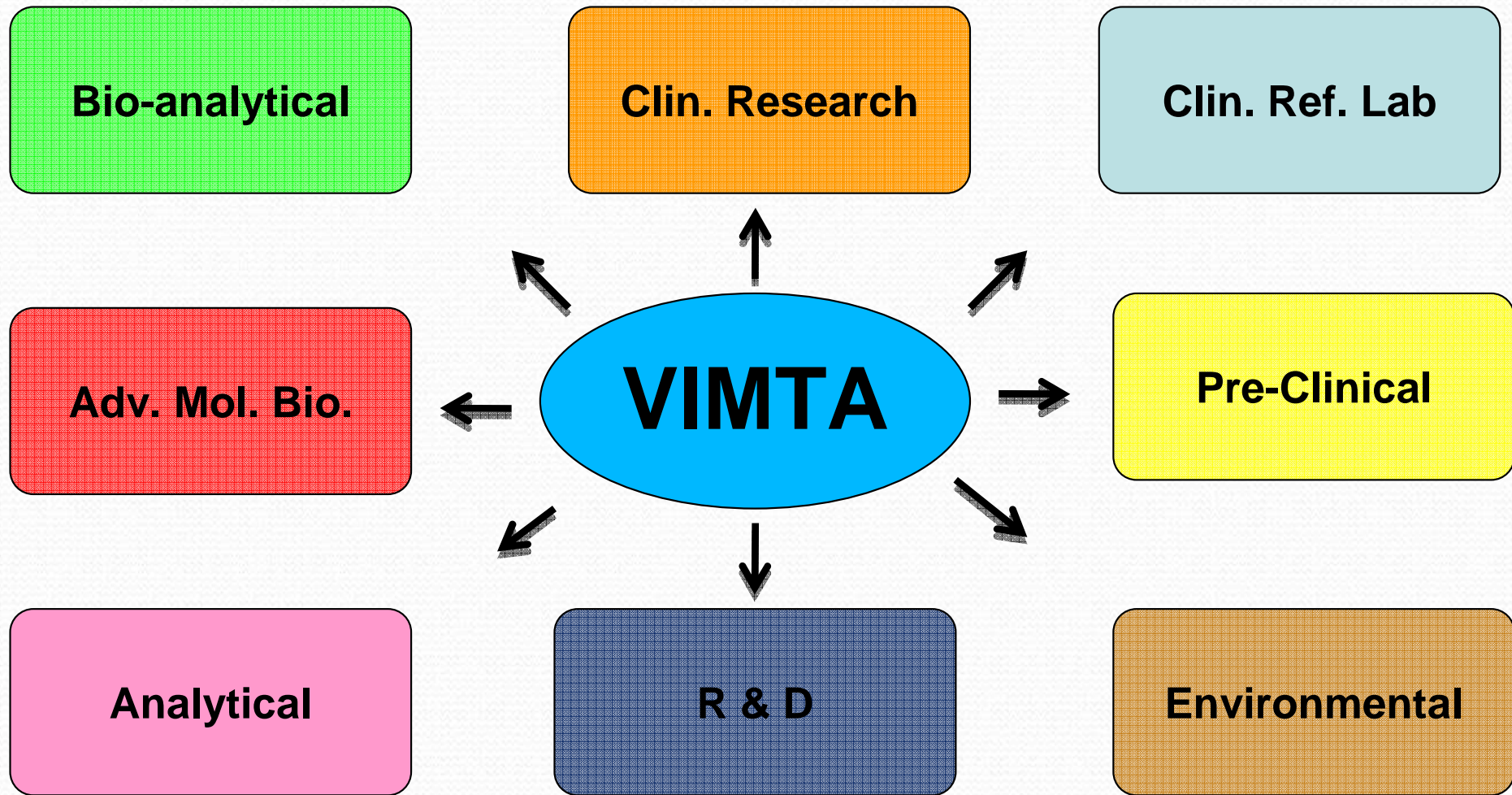
➤ Established Long Term Partnerships

➤ One Stop Shop Drug Discovery Services

➤ National Facility for Special Tasks

➤ Accredited by national & International authorities

Vimta Labs Ltd



R&D Credentials

- The DSIR recognized R&D unit has a fully equipped and dedicated lab in addition to a cell culture facility for development of in-vitro assays
- Established research collaboration with national and international universities and biotech companies
- In-house PhD program in Biotechnology in collaboration with Deakin University, Melbourne, Australia
- Scientist with experience in National and International universities and multi-national companies

R&D Programs

- Diagnostic and Medical Devices
 - Development of novel diagnostic assay
 - Multiplex diagnostic panels using MassTag approach
 - Point of care of tests and devices
 - Lateral flow device
- Capability development in selected areas
 - Biologics capabilities
- Applied Research
 - Identification of disease & diagnostic cancer biomarkers
 - Nanotechnology in diagnostics and drug delivery

Clinical Reference Lab

- > 600 clinical tests & panels
- > 2 million tests/year
- Satellite labs in 7 cities
- 1200 pick-up points across India
- Strong logistics network
- Central lab services for clinical trials
- Dedicated sales team supporting more than >4,000 clinicians/specialists
- Accredited by NABL under ISO 15189

Scope of Clinical Reference Lab

- Histopathology/ Immuno Histo Chemistry (IHC)
- Hematology/Flowcytometry
- Cytogenetics
- Immuno Fluorescent Assay (IFA)
- Molecular Biology
- Routine/Special Chemistry
- Clinical Pathology
- Microbiology & Serology

Molecular Biology Capabilities

DNA Sequencing

Single Pass

Ready-to-run

Gene Walking

Fragment Analysis

Microbial Identification

Microarrays

Gene Expression

WholeGenome SNP Scans

Data Analysis

DMET

Pre-clinical

Cytogenetics

Massarrays

SNP Profiling

Proteomics

IEF

2D

Mol. Wt.

Peptide Mass Fingerprinting

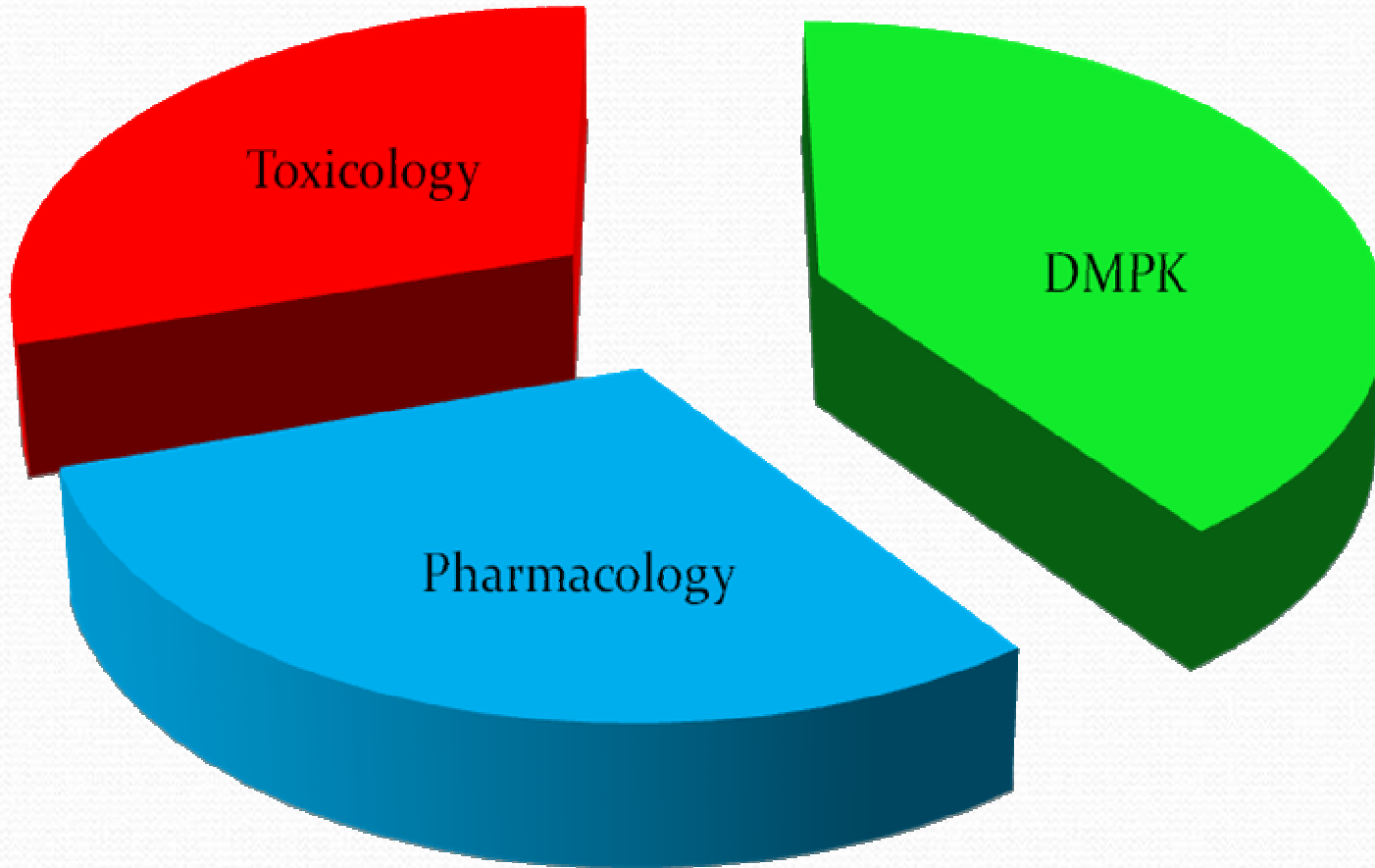
MS/MS De-novo Sequencing

Peptide Synthesis

Custom Peptides

Modifications

Pre-Clinical Focus

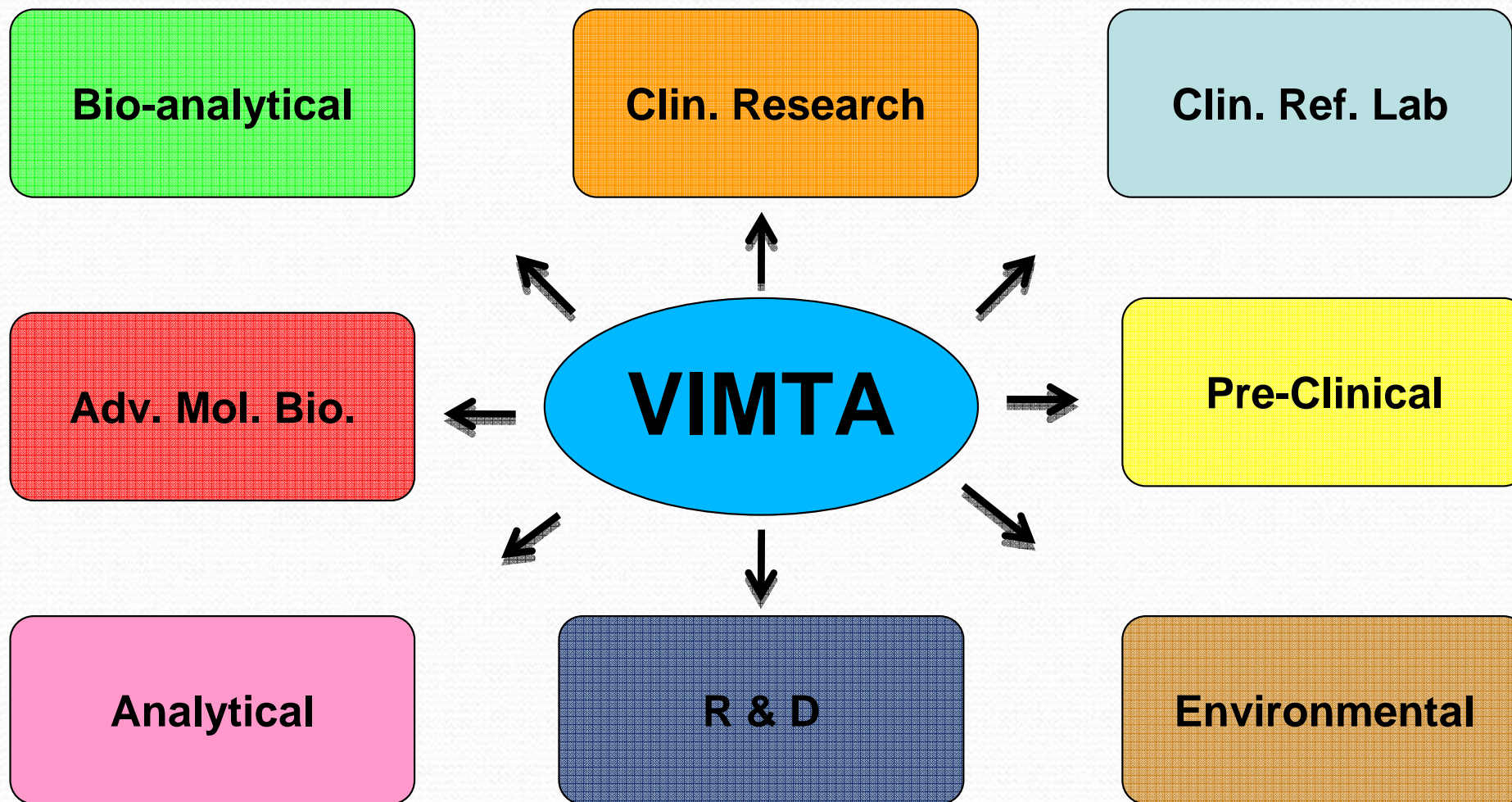


A strategic business unit with state-of-the-art Infrastructure to facilitate multi therapeutic screening, DMPK & safety assessment services

Infrastructure

- A total built up area of 33,000 Sq.ft.
- 27 Rodent experimental rooms with ante rooms + 5 procedure rooms
- 48 dog kennels
- Segregated area for radiolabeled test substances
- Constructed in modules of 5, 10 & 12 expt. rooms
- Delineated clean & dirty corridors with clean & dirty service elevators
- Animal holding rooms with ante rooms
- Animal rooms provided with individual motor controlled dampers to prevent cross contaminations

Service Areas at Vimta



Thank You