Discovery Solutions

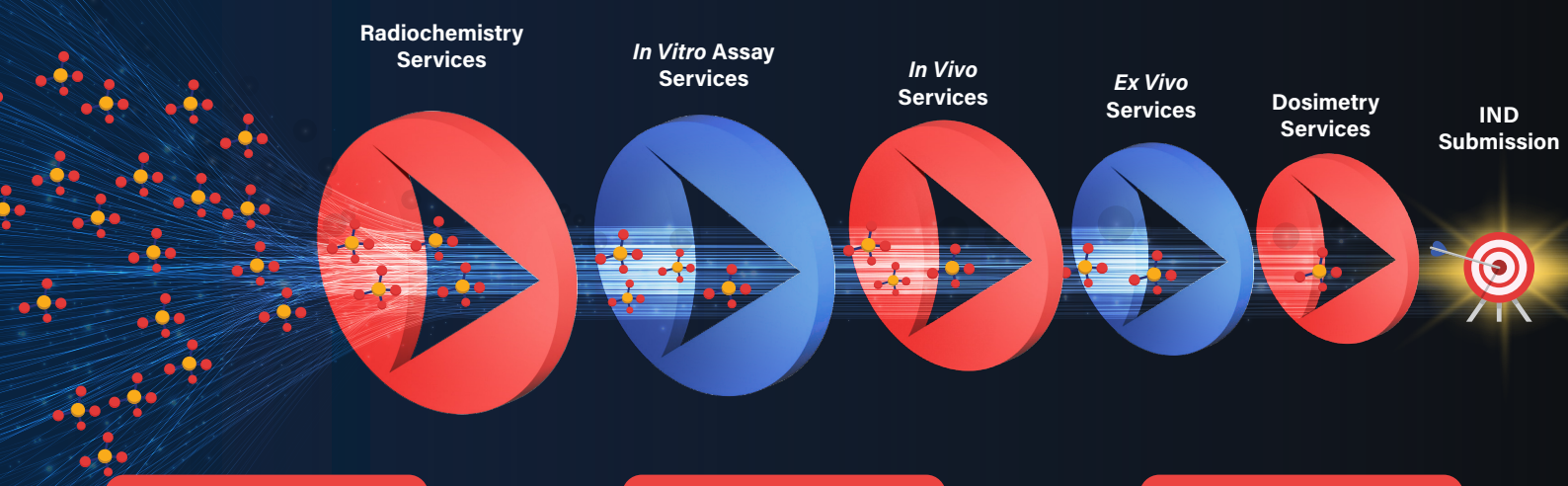
perceptive discovery

# RLTPath

## Accelerating Radioligand Therapy from Discovery to IND

RLTPath is Perceptive Discovery's integrated approach to radioligand therapy development, guiding programs seamlessly from radionuclide selection through to IND submission. By combining deep expertise in radiochemistry, *in vitro* and *in vivo* biology, imaging, and dosimetry, we deliver decision-ready data at every stage. Our coordinated workflows reduce complexity, accelerate timelines, and enable confident progression of next-generation radiopharmaceuticals.

## Guiding Radioligand Development from Discovery to Decision




### Radiochemistry Services

- Radionuclide selection
- Radiolabeling Method Development and Optimization
- All Common Diagnostic and RLT Isotopes
- Purification & QC
- Stability Testing

### *In Vivo* Services

- Rodent and Large Animal Studies
- Oncology Model Generation
- Biodistribution Studies
- Efficacy & Tolerability Studies
- Image Analysis (All Modalities)

### Dosimetry and IND Submission

- Full Study Design Support
- Lead Compound Optimized Radiation Dosimetry
- Human Dose Prediction
- Submission-Ready Report Writing

### *In Vitro* Assay Services

- Cellular Pharmacology: Saturation Binding and Internalization Assays
- Compound Ranking by Competition Assays
- Cytotoxicity Assays
- Radioligand Metabolism Analysis
- Hematological Toxicity Assessment

### *Ex Vivo* Services

- High Sensitivity Biodistribution Analysis
- Compound Screening
- Bioequivalence Studies
- Radiation Tox Assessment
- Hematological Toxicity Assessment

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