

# Intelligent formulation solutions...

Poorly soluble drug?

Unreliable performance?

Complex release profile?

Drug Delivery International provides innovative, customised and timely reformulation strategies. We have particular expertise in designing workable solutions for poorly soluble drugs and controlled release and have experience in most routes of delivery, including:

Oral | nasal | vaginal | topical | respiratory | parenteral

## Services

- Complete formulation service
- 'Rescue' formulations where previous attempts have failed
- Full technology transfer to clients' sites
- Formulation troubleshooting advisory service
- Clinical Proof of Concept studies



...delivered  
**on time**



## Partner with us...

*We work closely with clients, communicating at every stage of the formulation programme, to provide a customised, responsive service to meet your needs*

## Strategic formulation development

DDi's research and development team is led by established experts in pharmaceuticals; our track record of innovative solutions in drug delivery is exemplified by our **IP portfolio**.

As part of the **Bio-Images Group**, we provide clients with access to an early stage **clinical research facility**, led by **Bio-Images Research**. The combination of our formulation experience with clinical data provides an invaluable integrated approach to helping clients achieve commercial drug delivery success.



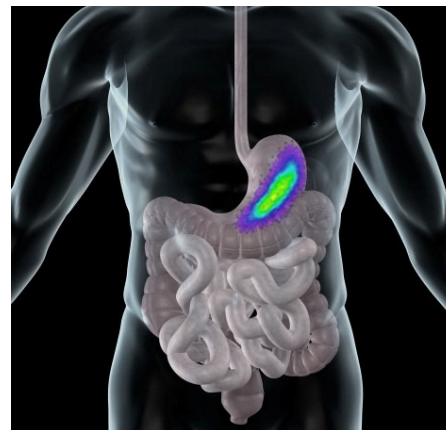
# Clinical solutions in drug delivery

As world leaders in the use of **gamma scintigraphy** for imaging drug delivery systems, **Bio-Images Research** offers a valuable clinical research service to the global pharmaceutical and healthcare industry.

We have been imaging drug delivery systems since 2000 and offer complete scintigraphic clinical trial services.

## Services

- Quantifiable scintigraphic data on formulation behaviour in man
- Validation of radiolabelling methods for clients' products
- GMP manufacture, QP release and IMP dispensing
- Clinical trial ethical and regulatory approval procedures
- Patient/volunteer recruitment
- Complete trial design and management



*Bio-Images has been providing a commercial service for over 10 years, using gamma scintigraphy to assess oral, nasal, pulmonary and ophthalmic drug delivery systems*



## Clinical excellence

Our partnership with established clinical research organisation, **CPS Research**, provides access to leading physicians and research nurses, as well the vast pool of patient groups available in and around Glasgow.

With ISO 9001 accreditation and over 20 years' experience in almost every therapeutic area, CPS Research is a leading provider of contract clinical research services.



Combined with Bio-Images' scientific record and clinical trial unit within Glasgow Royal Infirmary, clients benefit from an integrated pharmaceutical and clinical development package.

## Integrated solutions

As part of the **Bio-Images Group**, clients further benefit from the formulation development service provided by our sister company, **Drug Delivery International**, making the Bio-Images Group the number one choice for fully integrated pharmaceutical development solutions, from bench to trial.

