

Company Overview August 2020

Medicinal Chemistry

Process Research and Chemical Development

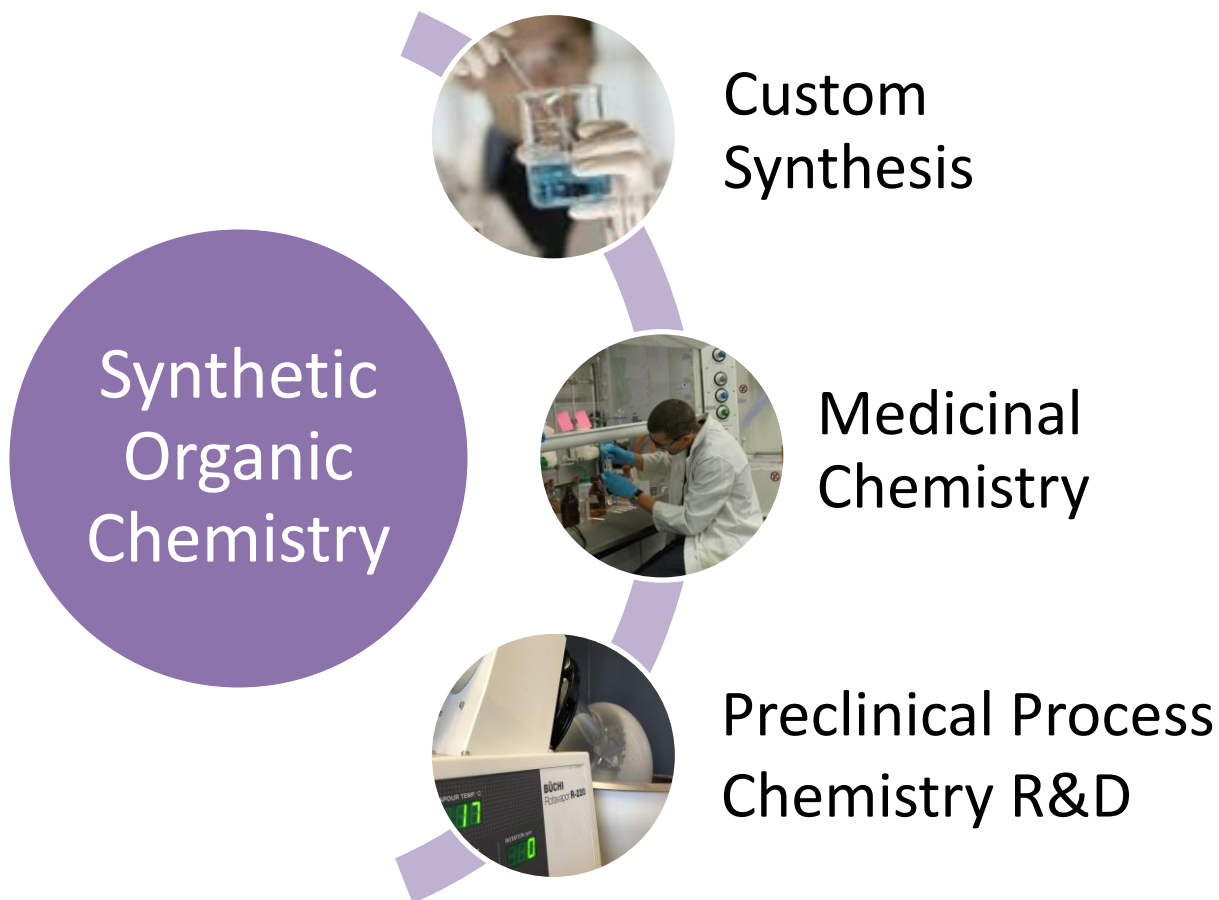
Custom Synthesis of Building Blocks and Intermediates

Contract Research including Novel Route Development

Excellence in Chemistry



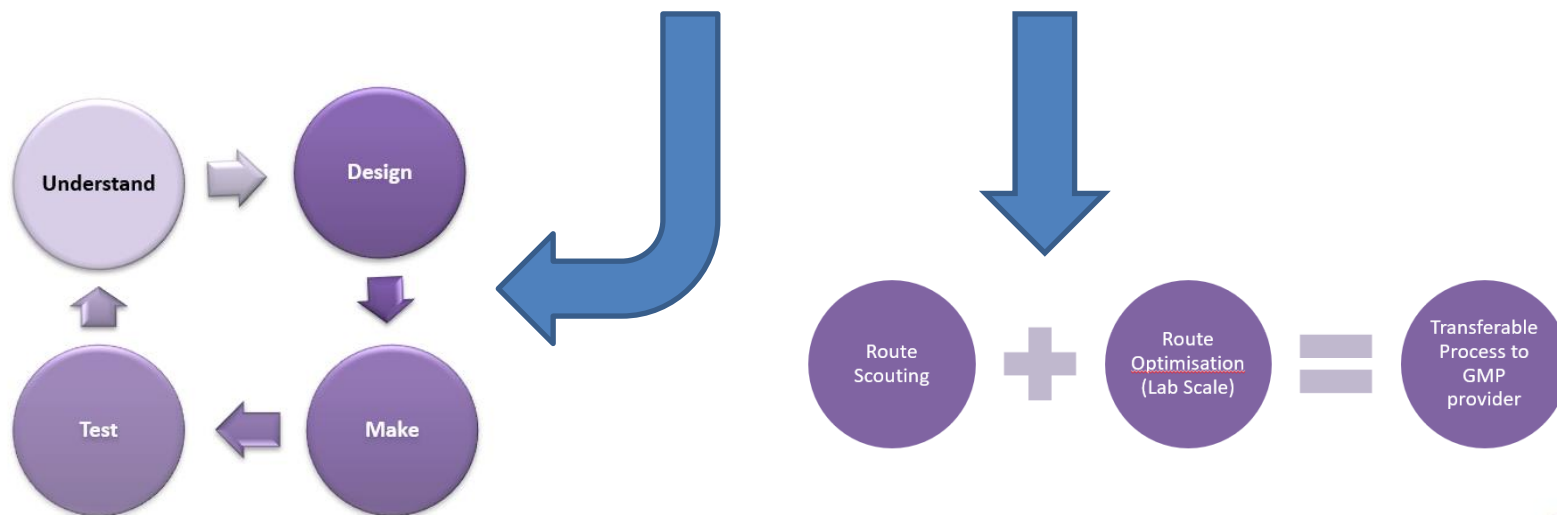
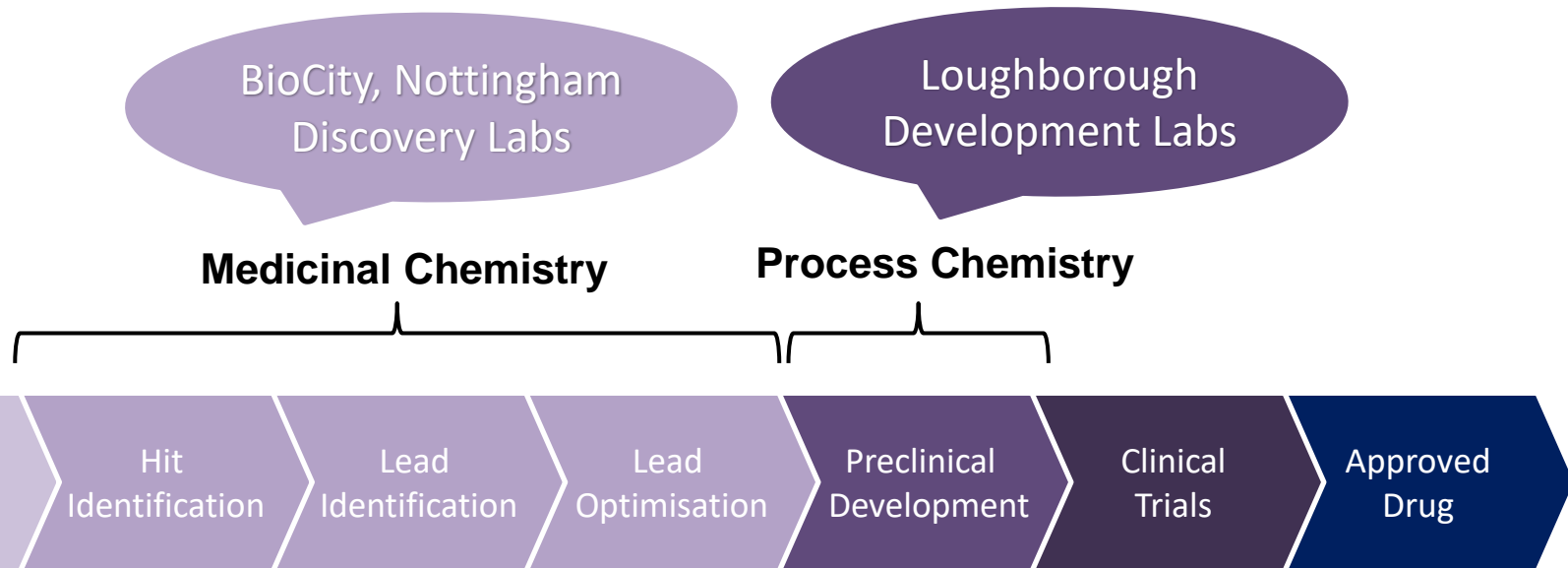
Our Outsourcing Capabilities



Collaborative support from Discovery through to early Development

- across multiple sectors; pharma, biotech, petrochemical, diagnostics, etc...

Synthetic Chemistry for Drug Discovery



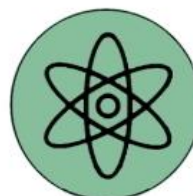
Our Drug Discovery Partner CROs



**Medicinal and
Synthetic Chemistry**



**Analytical and
Purification Support**



**DMPK, Bioanalysis,
PK Modelling and Dose
Prediction**



**BioAssays,
Pharmacology,
Screening**



Recent Case Studies on Website

Medicinal Chemistry: Hit Finding

- UK Biotech company (Immuno-oncology target)
- Supported with 4 FTEs for 12 months
- Synthetic and medicinal chemistry expertise provided
- Biology provided by Xenogenesis (cell and DMPK assays)
- Elaboration of existing hits to elucidate SAR
- Rational design to deliver druglike compounds
- >300 compounds prepared over three series
- Highly potent compounds with good ADME properties and clear SAR

Medicinal Chemistry: Hit-to-Lead (H2L) (#1)

- US Biotech company (Oncology target)
- Supported by up to 6 FTEs for 18 months
- Elaboration of existing hits to elucidate SAR
- Rational design to deliver drug-like compounds
- Compounds screened by client (biochemical assays)
- >80 compounds prepared over numerous series
- Highly potent compounds with good ADME properties, clear SAR and in vivo efficacy
- Route scouting and route optimisation for a lead candidate and technical transfer to a North American GMP manufacturer

Medicinal Chemistry: Hit-to-Lead (H2L) (#2)

Medicinal Chemistry: Lead Optimisation (LO)

- European Biotech company
- Supported by 2 FTEs for 18 months
- Discovery chemistry team generated analogues of initial hit
- Multi-centred LO led to identification of Development candidates
- Preclinical R&D group scouted routes and delivered multi-gram quantities of Development compound
- Technology transfer package provided to facilitate cGMP manufacture of multi-kilogram quantities of Development compound

Medicinal Chemistry and Preclinical PR&D: From Discovery Lead to Development Candidate

Preclinical PR&D: Provision of a Robust Route for Preclinical Supply and to Facilitate Clinical Supply





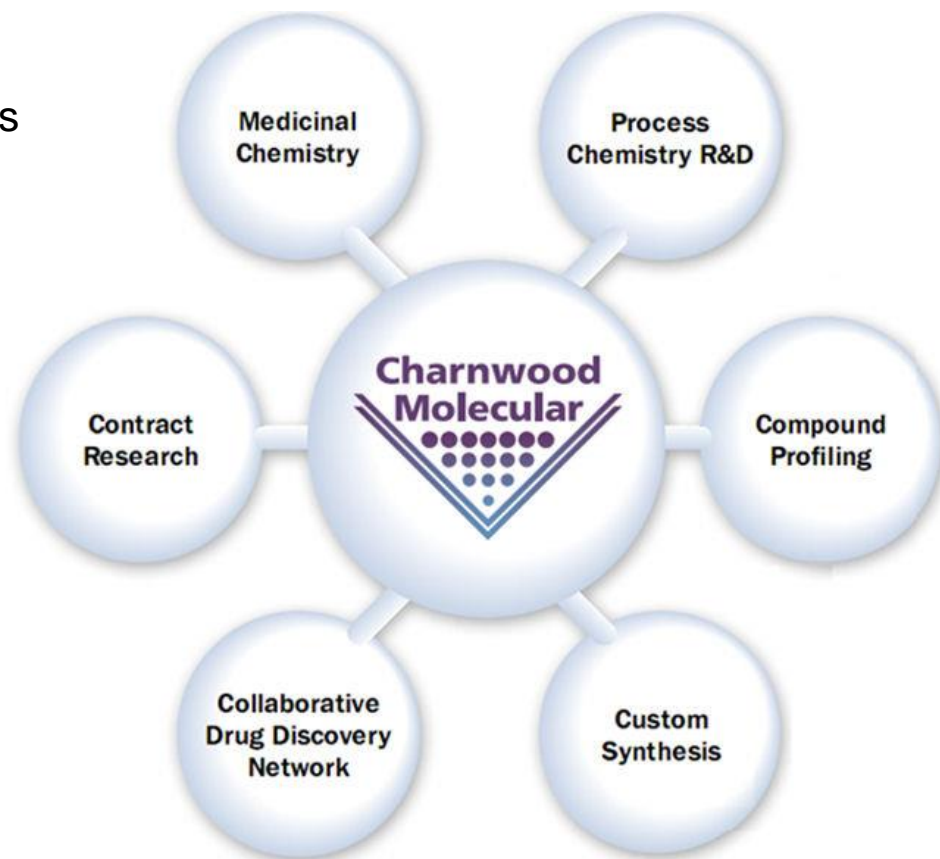
Dr. Magda Foreiter
Medicinal Chemist

Dr. Martin Button
Chemical Development Team

Effective communication ensures a seamless transition as we take projects from Discovery into Development for our clients.

Excellence in Chemistry

- ✓ Independent, UK-based CRO of over 20 years
- ✓ 2 Sites, >60 employees, 85% PhDs
- ✓ International: scientists and clients
- ✓ Synthetic Organic Chemistry experts
- ✓ Our USPs are our people & our capabilities
- ✓ Innovative Medicinal Chemistry team, from Pharma, Research Institutes & start-ups
- ✓ Big Pharma-experienced early PR&D Group
- ✓ 100% Service business model (FTE or FFS)
- ✓ Network of strategic, expert Drug Discovery partners



***...for reliable, flexible Drug Discovery Outsourcing
from Lead Discovery through to pre-clinical Scale-up***

