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Member Welcome Webinar

 7 July 2022

 13:30 - 15:00 CEST

 Online event

Meeting link: <https://meet.goto.com/BNN2ndaccount/bionanonet-welcome-webinar>

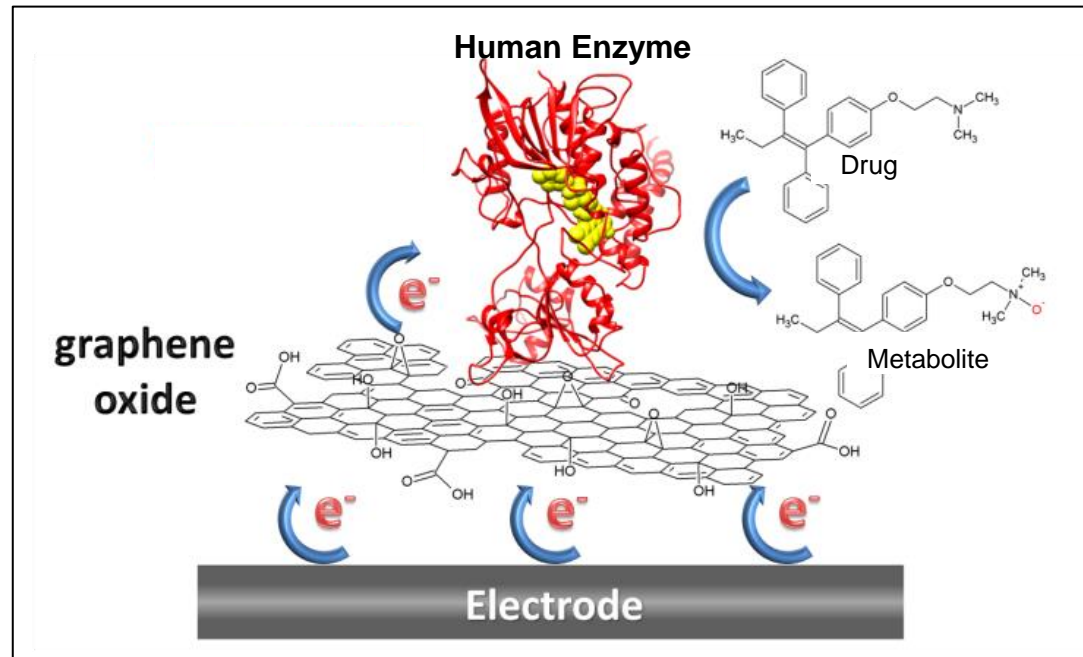
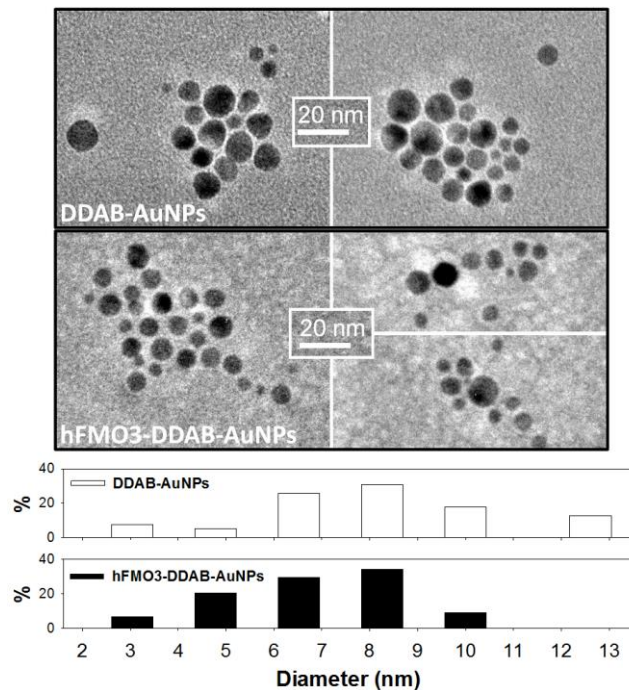


- **Our research interests:**
- Drug discovery
 - High throughput microfluidic system
- Personalised Medicine
 - Immobilised human enzymes on nanostructured surfaces
- Biocatalysts
 - Fine chemical synthesis
 - Biomass conversion of platform molecules

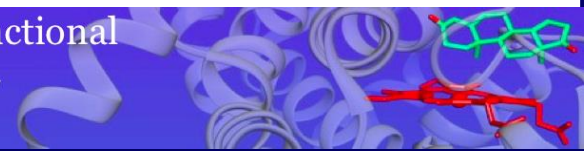
Drug discovery- microfluidics

Production of high throughput microfluidic platform for drug profiling

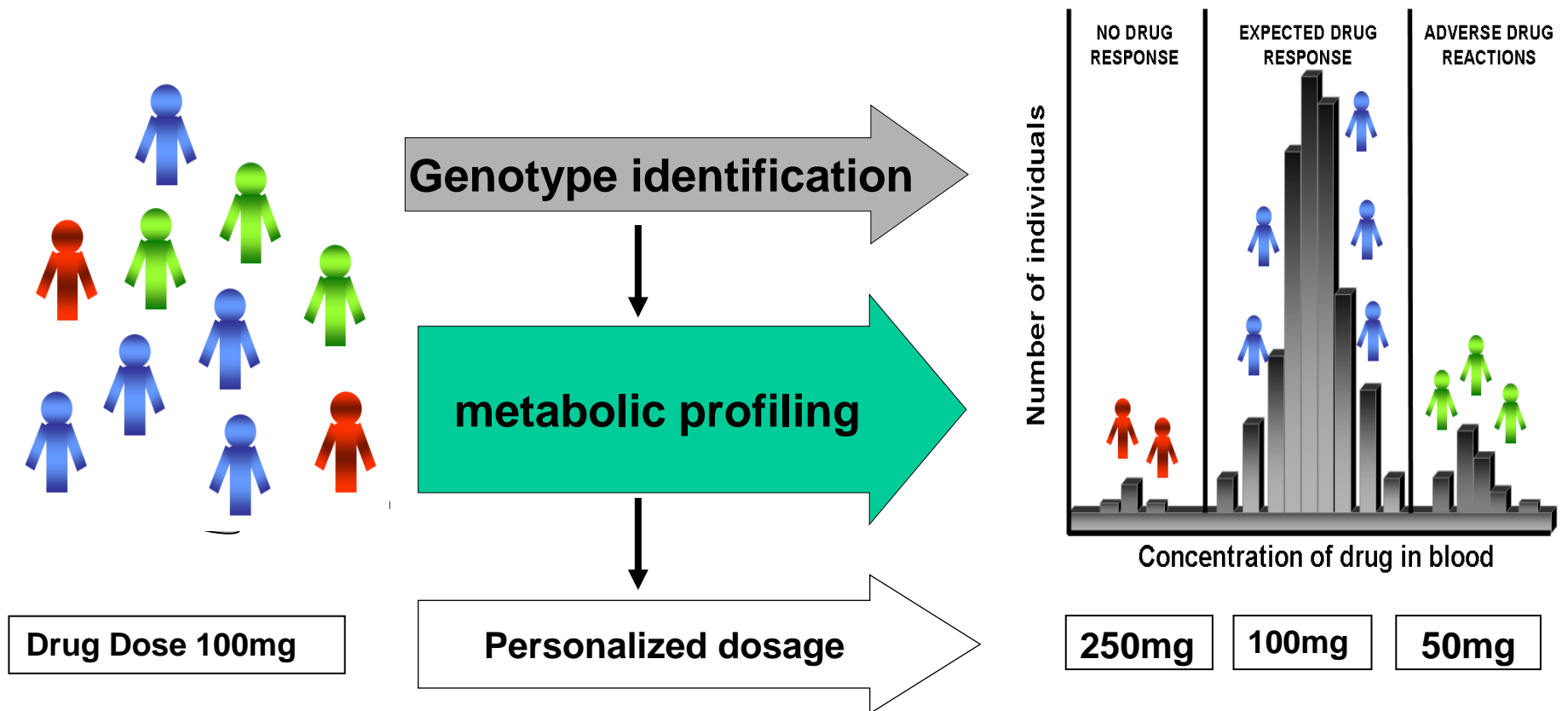
Pharmaceutical companies need to test all new chemical entities for clearance and toxicity. We have the purified enzymes.



Collaborator: expertise in microfluidic systems and miniaturisation



Personalised Medicine

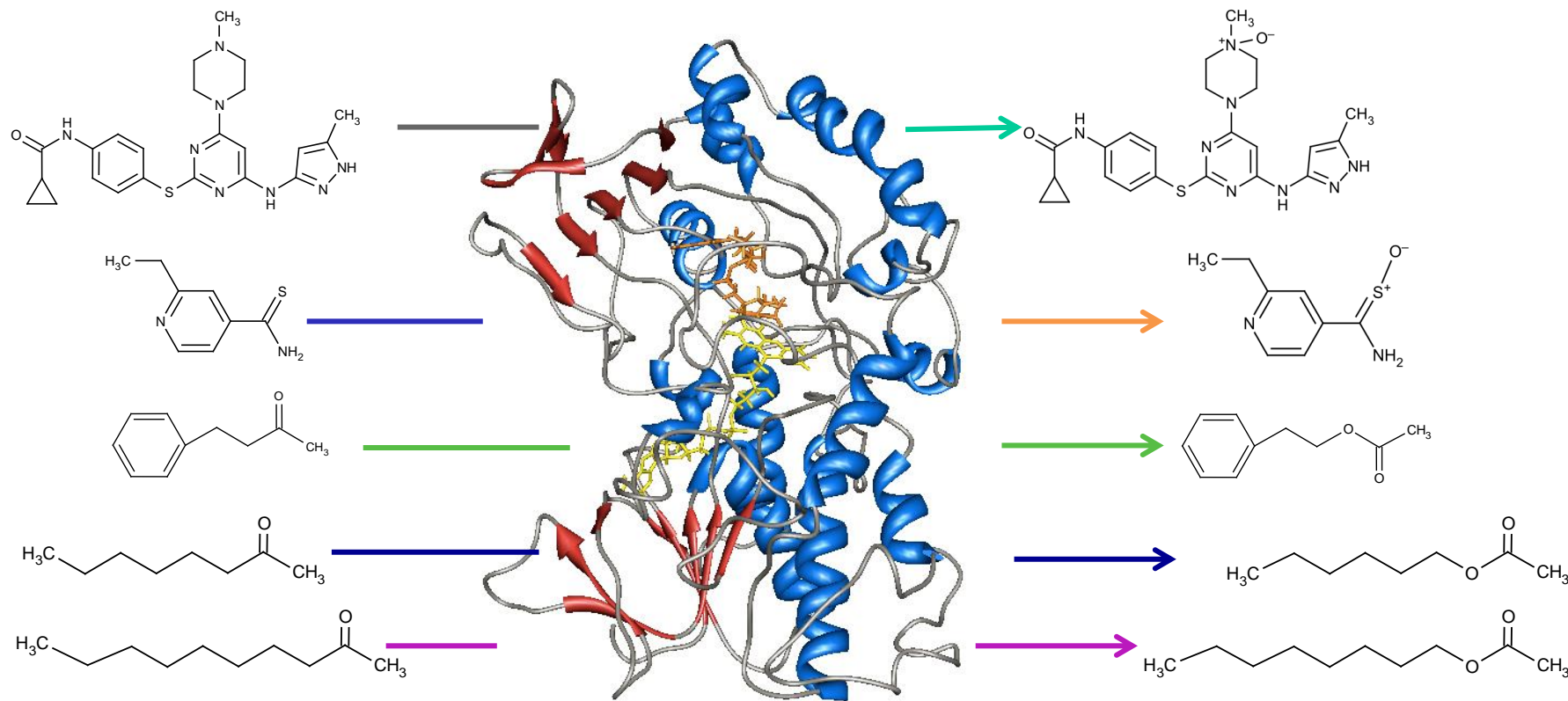
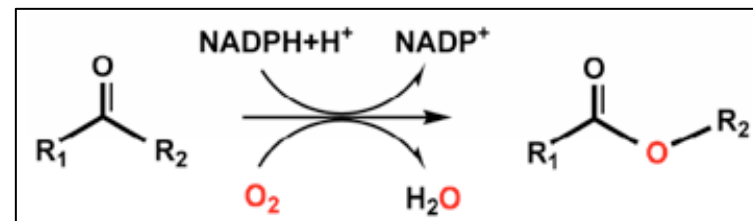


Looking to join consortium on personalised medicine where we can contribute by measuring kinetic parameters of drugs using our panel of polymorphic human drug metabolising enzymes.



Biocatalysts: fine chemical syn & biomass valorisation

- wide-ranging applications:
- Synthesis of steroids, antibiotics, pheromones, polymers, biofuels, indigoids, drugs
- Oxidation of lignocellulosic platform molecules





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