

Solvotrin

Solvotrin is a TCD spin out

Developing active iron, aspirin prodrugs,
tetracycline nitrates

Based in Little Island, Cork

Employs ten people between Cork and TCD

Founded by Pat O'Flynn, John Gilmer, Mark
Ledwidge

Iron product ready for launch



Background and chronology of Solvotrin

Unimed PLC, 1995-1998

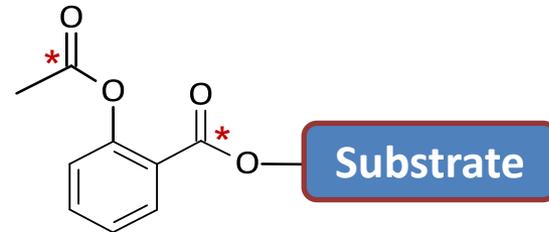
Worked on cardiovascular drug products

2001- First 'true' aspirin prodrug type,

2007- TCD patent filing 38 compounds

2009- Solvotrin formed

2011- New filings patent grants



Responses and Problems:

Nice technology, but how would you get it approved as a medicine, how much would it cost and what would its value be based on benchmarks?

Do any of the 38 analogues have greater efficacy than aspirin?

- Colorectal cancer treatment/prevention

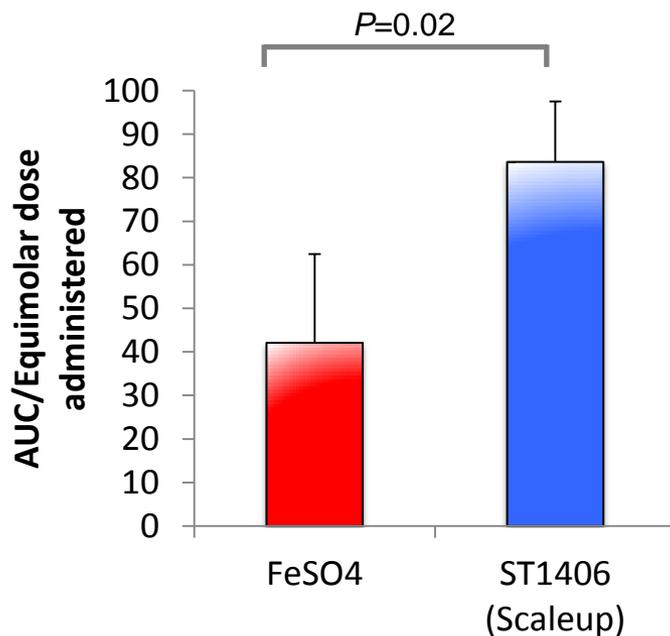
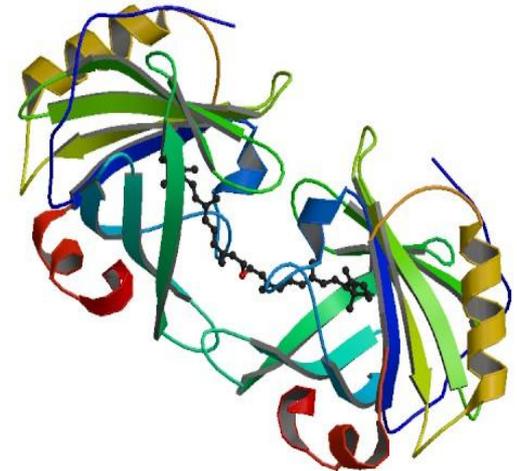
Iron?

Active Iron™ Platform

Protein microsphere technology

Iron (II) trapped in denatured whey protein

Solidified in a stable, protein microcapsule, suitable for solid oral dosage forms



Clinically proven in an RCT

Gentle on the stomach, tasteless, non staining, easily taken

Lower GI upset not evident

Ongoing Development Work

Scale-up underway in Germany since early 2014

Development in TCD TBSI and in School of Pharmacy with Ann Marie Healy and SFI/AMBER/CRANN

Brand, packaging and manufacturing contracts underway, hiring

Second manufacturing line operation, validation, Hoffmann Park, Little Island, Ireland, mid-2016



Active Iron will be used in plain iron products and in a range of pregnancy multi-vitamin products

Solvotrin, future

R&D, Manufacturing in Cork

- Become a leader in oral iron products
- Bring an aspirin derivative to market
- Utilize new manufacturing knowledge



Challenges? Some

Benefits? Lots

Enjoy it and work with people you enjoy

