



# Re-purposing of off-patent drugs for children -TEDDY to create a bridge between Europe and Asia

Prof Ian Wong

UCL School of Pharmacy and  
University Hong Kong

**European Network of Excellence for Paediatric Clinical Research**

Via Luigi Porta 14, 27100 PAVIA - ITALY • VAT 01825900184

[www.teddynetwork.net](http://www.teddynetwork.net) • [info@teddynetwork.net](mailto:info@teddynetwork.net)

# Background

- New drug development is expensive and high risk.
- Lack of research and development of appropriate formulation medications for
  - Children
  - Old people

# Interests from Asian Countries

- Asian countries (except Japan) is less well developed in biopharmaceutical industry
  - Mainly generic company to produce local pharmaceutical products
  - Import other medicines from large international companies
- Logical next step is to develop niche products of off-patented medications
  - Repurposing

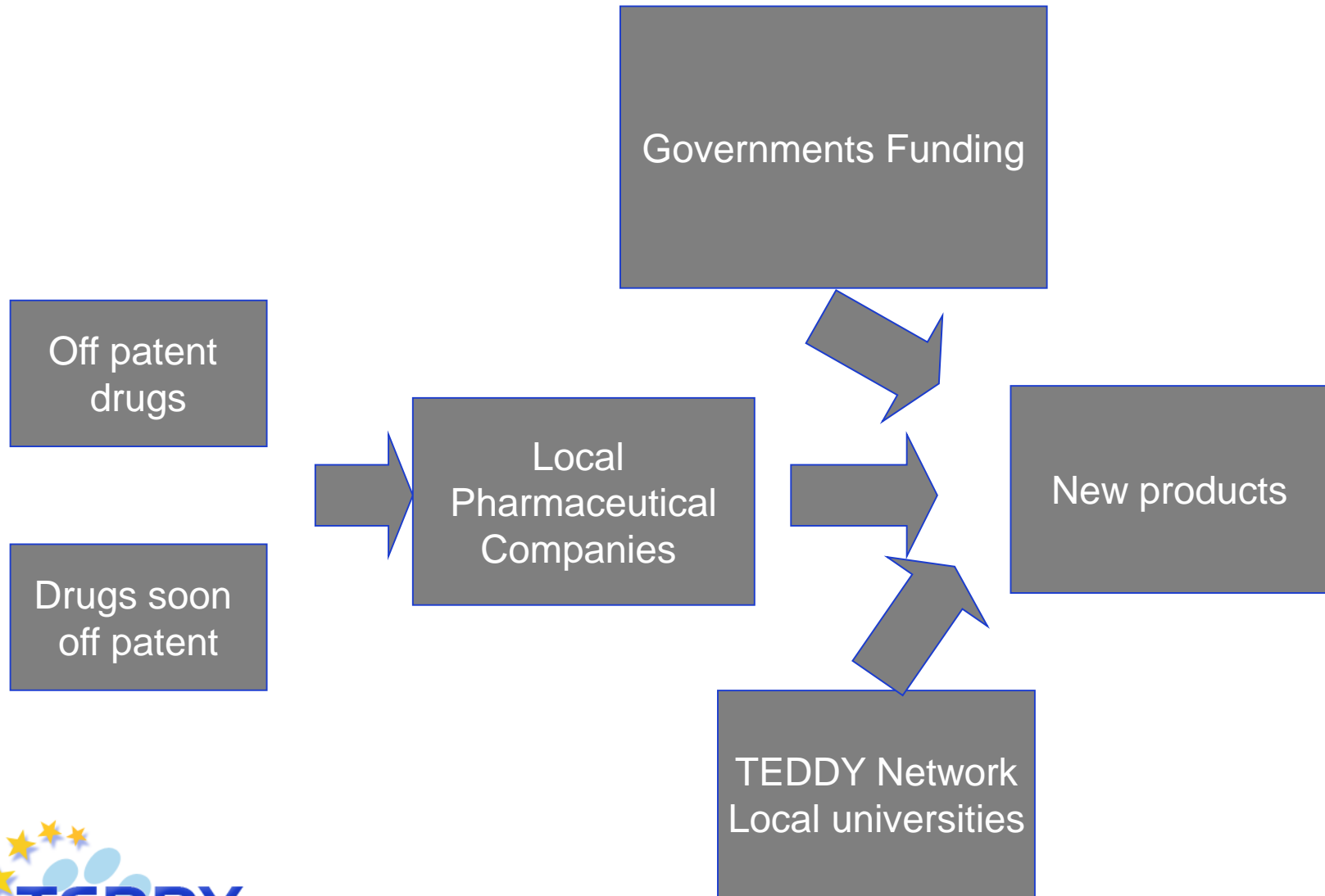
# Background

- Repositional old drugs for new indication is low risk and profitable
- Eg Buccolam developed by Therakind
  - Worldwide sale over US\$ 45million [1]

[1] <http://www.evaluategroup.com/View/50554--1002-modData/product/buccolam>



# Basic concept



# Private and public partnership

- Government grants are usually available
  - Sometimes up to 50% of the R&D cost
  - Usually need a university partner, they conduct the R&D
  - Usually need a commercial company provide the business plan and commercialization input + matching of the fund.
  - TEDDY has a lot of expertise to offer Asian partners

# Current Interests

- Thailand - Chulalongkorn University
- Hong Kong – University of Hong Kong
- These universities are in the positions to work with TEDDY to develop repurposed medicines for children.
- Discussion is still on-going
- TEDDY can propose new topics and take forward with the local partner universities

# Questions and discussion