



Rafic -T

Emerging Technology
Dual Action to Fight Microbial

Antimicrobial Innovation Delay Impact



Global
Health
Threat

Accelerating
Resistance to
Current
Therapy

Burden on
Community &
Health
Agencies



Opportunity

- **Microbial Resistance - Mutation**

Antibiotics, Antifungal & Antiviral failing Efficacy

- **Inappropriate Usage**

Narrow Spectrum Activity & lack of molecular screening

- **Immune System - Modulation**

Infection breakdown ecosystem body defense system.

Dual Action on Microbes

Antimicrobial & Strength
Immune Stimuli



Resolving ?

- **Multi Target Based - Microbes Specific**

Attack Pathogenesis, Replication & Protein Supply

- **Broad Spectrum - Bacteria , Fungi & Virus**

Able to work across systemic level by potentiate activity of PDT

- **Strengthen Stimuli to Immune system**

Activate Immune cascade pathway thereby reduce relapse of infection



Technology - USP

Novel

A first of its kind technology to overcome the resistance faced by our traditional Antimicrobials - using Methylene blue and PDT to target pathogens

Innovation

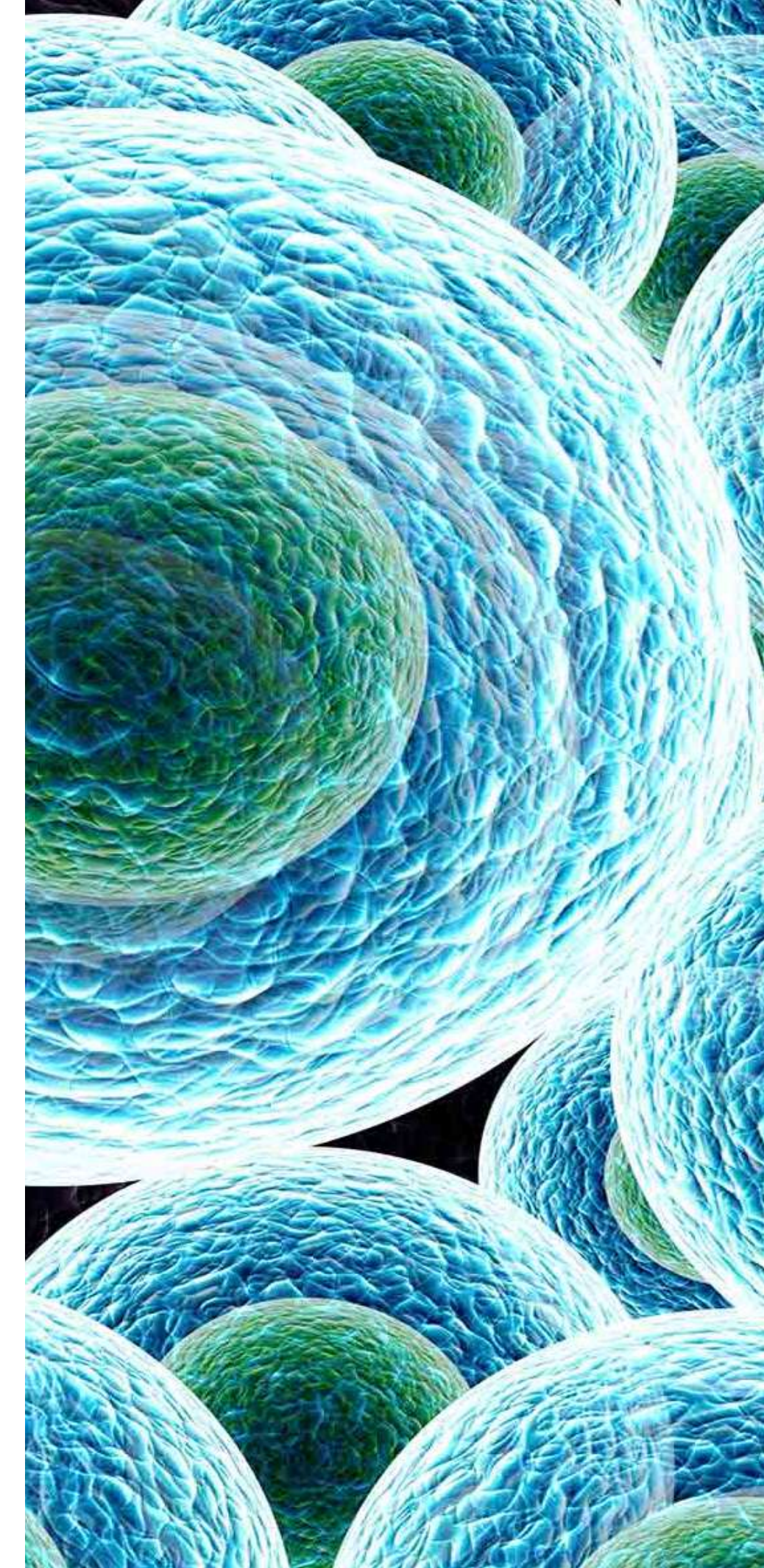
Generation of cytotoxic reactive oxygen species through PDT to produce irreversible damage to pathogens and accelerating drug response rate to accomplish significant synergistic activation of the cellular system

Validated

Patent filed & method of treatment against viruses, effective broad spectrum antimicrobial

First to market

A non-invasive and self administrative PDT based mechanism



Market Analysis - 2022

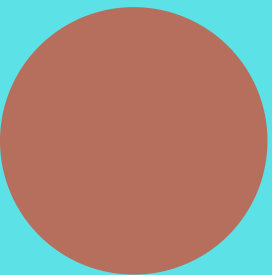
**Antibiotics
- 41 billion**

**Anti Fungal-
16 billion**

**Antiviral -
56 billion**

113.0 billion

Total Available Market (TAM)



Item 1
100%





Road Map

Multinational Companies

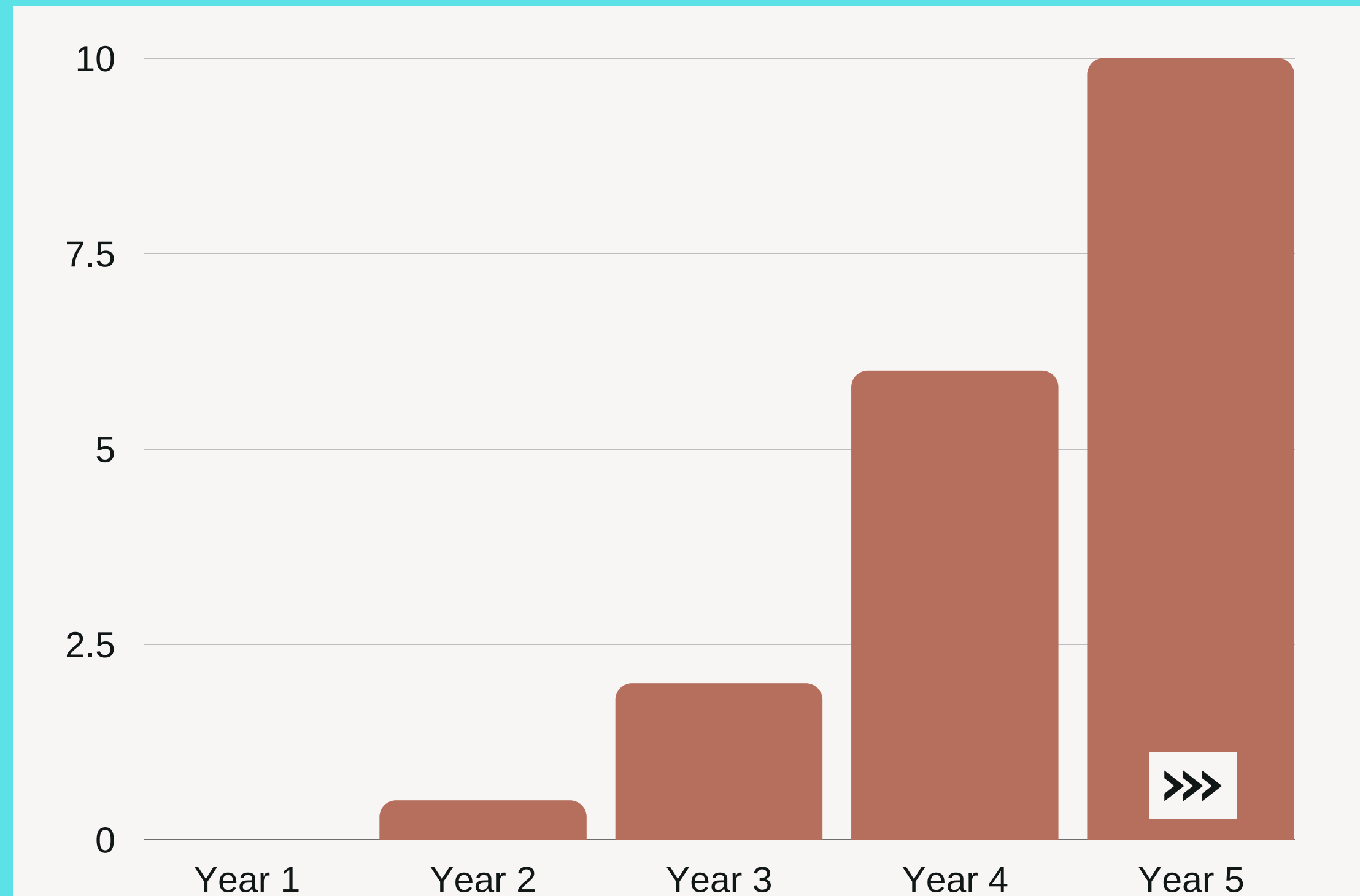
Collaboration with R&D , Marketing

Health Authority - WHO

United Nation Approval & Supply

Animal Industry

Partnership for technology application optimization



Business Model

Rafic -T Venture

Partner

Innovation

Design new product concepts,
Patent filings

Efficacy Validation

Design & conduct trials to generate
evidence for claims

Manufacturing & Supply

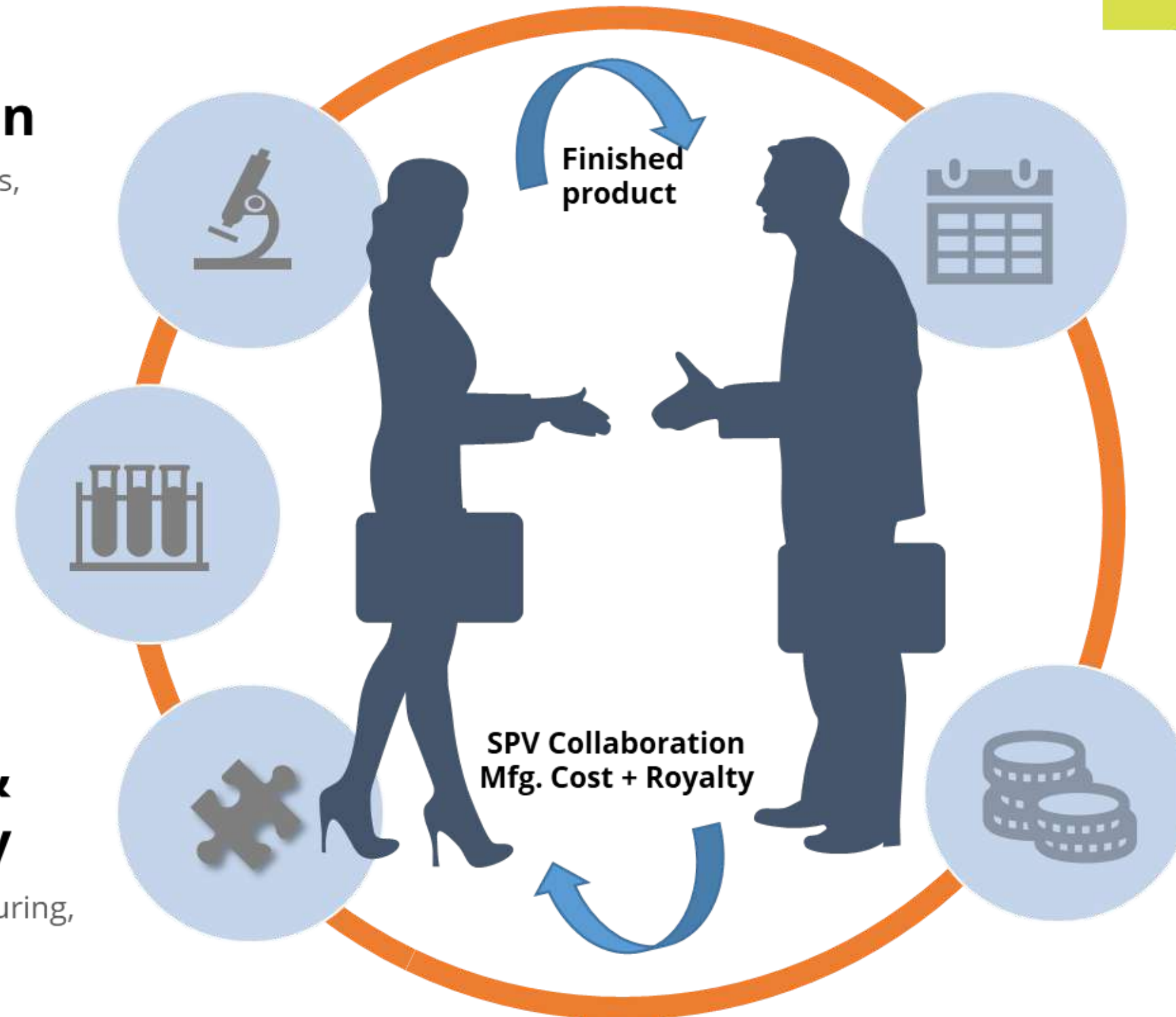
Clinical/commercial manufacturing,
supply chain management

Clinical & Regulatory

Regulatory filings and marketing
authorizations

Commercialization

Pricing , Market access, Branding,
Promotion & sales, Customer
relationship management





Contact Us

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