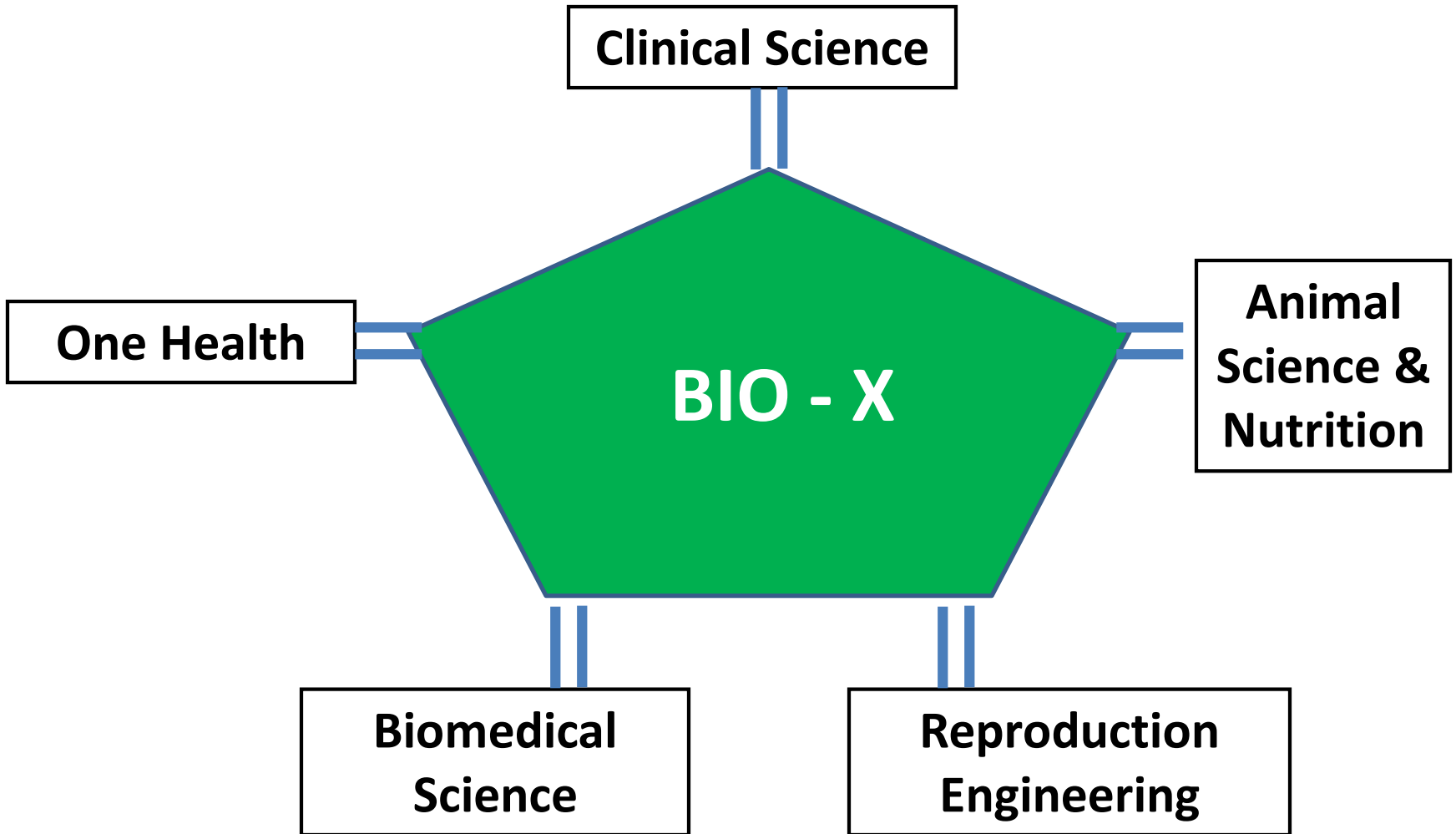


ROAD MAP RISET



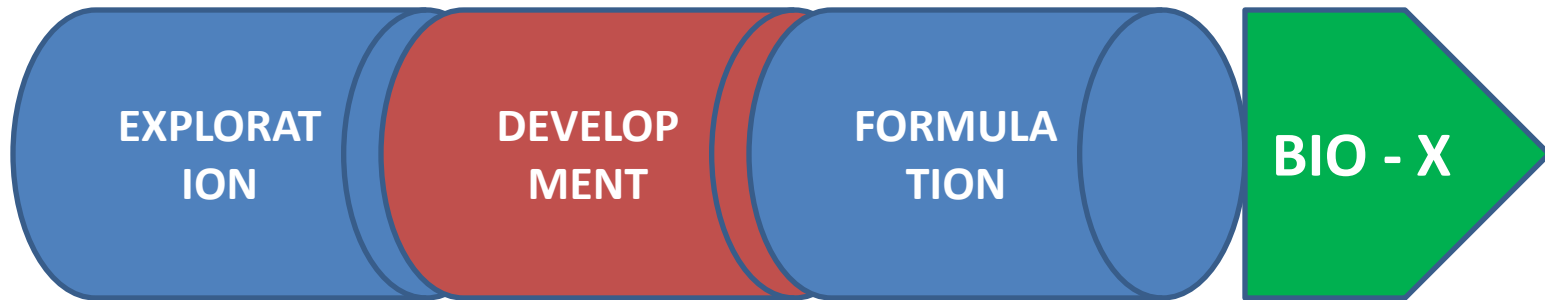
FAKULTAS KEDOKTERAN HEWAN
UNIVERSITAS AIRLANGGA
SURABAYA

BIO – X CENTER



RESEARCH PIPELINE

1. BIOMEDICAL SCIENCE



1. Bakteri
2. Virus
3. Parasit
4. Jamur
5. Enzime
6. Animal Stem cell
7. Pant

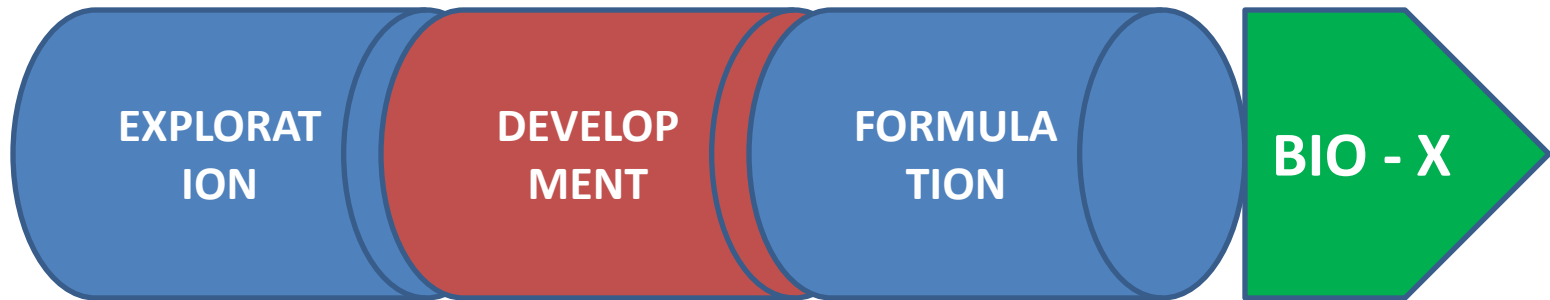
1. Protein
2. DNA/RNA
3. Enzim
4. Bioaktif

1. Kandidat Kit-Diagnostik
2. Kandidat Seed vaccine
3. Kandidat Imunomodulasi
4. Kandidat Probiotik

1. Specific product / Trade Merk, Patent

RESEARCH PIPELINE

2. REPRODUCTION ENGINEERING



1. Hormon
2. Growth Factors
3. Sperma
4. Embryo
5. Genetika

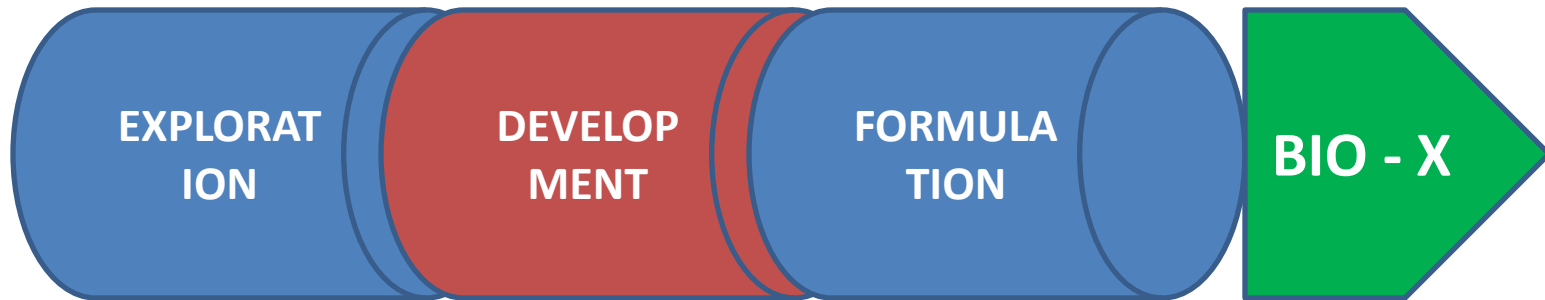
1. Protein
2. DNA/RNA
3. Enzim

1. Kandidat Kit-alat Diagnostik
2. Kandidat stimulating factors
3. Pedegree
4. Kandidat bibit unggul

1. Specific product / Trade Merk, Patent
2. Publikasi

RESEARCH PIPELINE

3. ONE HEALTH SCIENCE



1. Food chain
2. Epidemiology
3. Environment
4. Antibiotic resistance
5. Agents zoonotic diseases

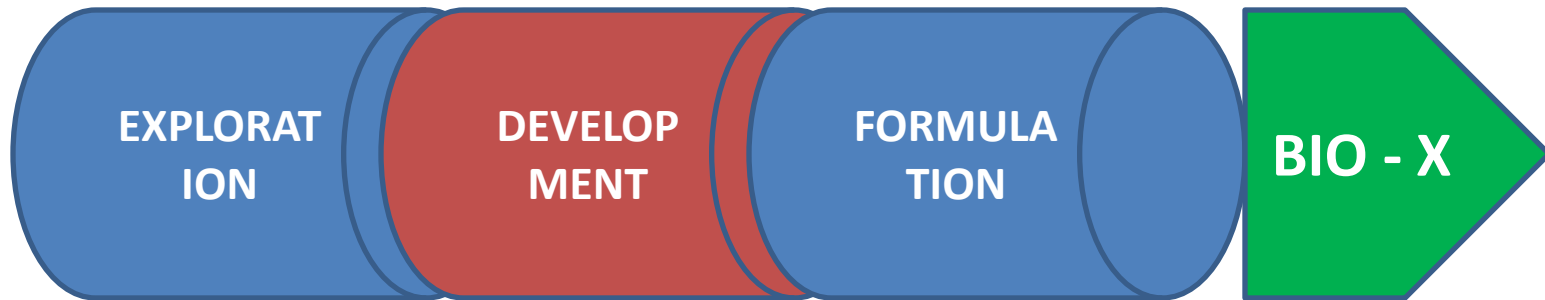
1. Protein
2. DNA/RNA
3. Enzim

1. Kandidat Kit-Diagnostik
2. Product bioinformatics
3. Prevention strategy

1. Specific product / Trade Merk, Patent
2. Publikasi

RESEARCH PIPELINE

4. CLINICAL SCIENCE



1. Comparative Medicine
2. Stem Cell
3. Molecular pathogenesis
4. Animal experiment

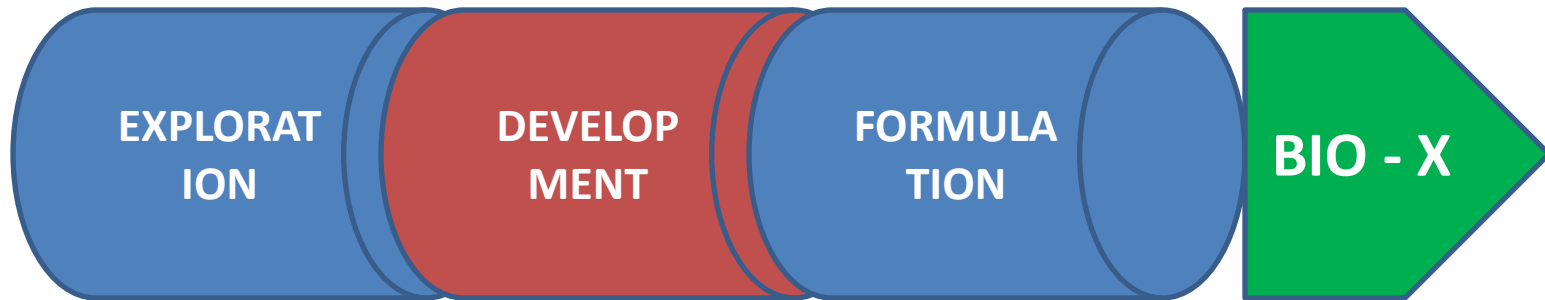
1. Animal Model Disease
2. Model therapy
3. Model pathogenesis
4. Clinical epidemiology

1. Diagnostic technology
2. Clinical bioinformatics
3. Prevention model for inf. disease & degenerative

1. Model therapy,
2. Model prevention,
3. Trade Merck
4. Patent
5. Publikasi

RESEARCH PIPELINE

5. ANIMAL SCIENCE & NUTRITION



1. Microba rumen
2. Sopil Microba
3. Micro Nutrition
4. Animal experiment

1. Model prebiotic
2. Model probiotic
3. Model feed animal

1. Probiotic
2. Prebiotic
3. Variants feed animal

1. Prebiotics
2. Probiotics
3. Feed animal
4. Publikasi
5. Patent

PRODUCT VALUE OF BIO - X

- Publication
- Product biologic
- Patent
- New sciences (Teori)

BASIC OF BIO - X

1. BIOMEDICAL SCIENCE

- Dep. Microbiologi
- Dep. Parasitologi
- Dep. Patologi
- Dep. Ked Dasar

2. REPRODUCTION ENGINEERING

- Dep. Reproduksi
- Dep. Klinik
- Dep. Anatomi
- Dep. Peternakan

3. ONE HEALTH

- Dep. Vet Public Health
- Dep. Mikrobiologi
- Dep. Parasitologi

4. CLINICAL SCIENCE

- Dep. Klinik
- Dep Ked. Dasar
- Dep. Reproduksi
- Dep. Mikrobiologi
- Dep. Peternakan

5. ANIMAL SCIENCE AND FEED ANIMAL

- Dep. Peternakan
- Dep. Reproduksi
- Dep. Ked Dasar
- Dep. Klinik