



INDIAN IMMUNOLOGICALS LIMITED

a One health  
company



## Our Vision

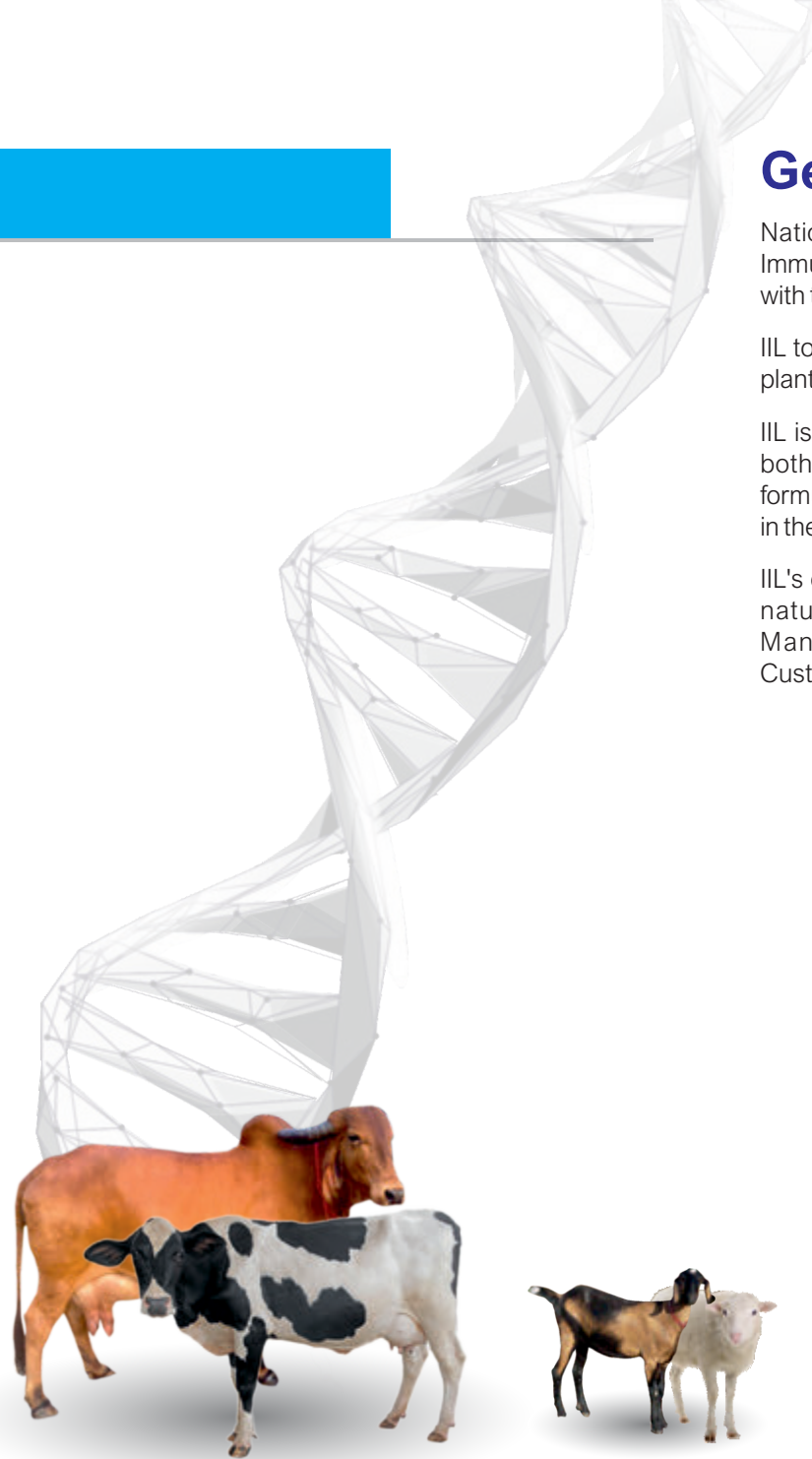
Shaping Global Healthcare by Spearheading the One Health Initiative.

## Our Mission

To Innovate, Produce and Market Quality Healthcare Products and Services to Improve and Extend lives.



# Introduction



## Genesis

National Dairy Development Board established Indian Immunologicals Limited (IIL) in 1982. IIL was established with technology from the Wellcome Foundation, UK.

IIL today operates one of the largest vaccine manufacturing plants in Asia.

IIL is a market leader in vaccines and is a leading player in both human and animal health market in India. IIL's formulations and nutraceuticals products are well accepted in the market.

IIL's commitment to the highest standards of quality comes naturally due to its inherent strength in Research, Manufacturing, Quality Management Systems and Customer Service.





# Research & Development



IIL's research efforts are directed at developing frontier technologies in biologicals, diagnostics and vaccines. IIL's research team comprises scientists with interdisciplinary areas of expertise, who work on developing various vaccines using platform technologies such as recombinant strains for multiple antigen production, hybridoma for monoclonal antibodies, protein polysaccharide conjugation and virus like particles through molecular biology.

IIL has commercialized several products through its research and development effort such as - Theileriosis vaccine (Rakshavac-T), Combination vaccine for FMD, HS and BQ (Raksha-Triovac); Combination vaccine for FMD and HS (Raksha-Biovac), Brucellosis vaccine for calves and adult animals (Bruvax Plus); Vaccine against

Porcine Cysticercosis (Cysvax), Classical Swine Fever vaccine (Raksha-Class) etc. Products such as IBR vaccine in the animal health segment and Hepatitis A, Chikungunya, Typhoid, MR, Td, Hexavalent, Dengue, Varicella in the Human Health segment are in the pipeline.

IIL has research collaborations with several reputed national and international institutes such as Centres for Disease Control and Prevention (CDC), USA; National Institutes of Health (NIH), USA; Pirbright Institute, UK; US Army Medical Research Institute of Infectious Diseases, USA; GALVmed, UK; University of Melbourne, Australia; Griffith University, Australia; Polyvac, Vietnam; Indian Veterinary Research Institute (IVRI), India.





# Manufacturing

## Gachibowli, Hyderabad, Telangana

### Human Biologicals

DPT Vaccine, DT Vaccine, Tetanus Toxoid Vaccine, Hepatitis-B, Pentavalent (Hep B, DPT and HiB) and other vaccines in pipeline such as Td Vaccine, MR vaccine etc.

### Veterinary Biologicals

Largest BSL3 plus compliant manufacturing facility for Bovine Viral and Bacterial Vaccine.

### Canine Vaccine facility

IIL is the only manufacturer to indigenously produce companion animal vaccines in India.

### Other Vaccines

Rabies, Theileriosis, Brucellosis, Porcine vaccines, Sheep vaccines, Goat vaccines & other bacterial vaccines.

## Ooty, Tamil Nadu

### Human Biologicals

Largest manufacturing facility for Purified Vero Cell Human Rabies vaccine.



## Karakapatla, Hyderabad, Telangana

### Human Biologicals

Another state-of-the-art facility to produce Purified Vero Cell Human Rabies vaccine and other new human biologicals. Covid Drug Substance.

### Formulations

Large formulations facility for Injectables and Orals (Tablets, Bolus).

## Contract Manufacturing

Undertakes contract manufacturing for Formulations and Vaccines. IIL currently manufacturing vaccines & formulations for various leading companies in India and for international markets.

## Pristine Biologicals (NZ), Ltd, New Zealand

Bovine Serum









# Quality



## Quality Management System

IIL through its centralized Quality Management Systems (QMS) focuses on systems that are sustainable and help improve quality. Quality Management is independent of Production and performs its operations through various sections viz.,

- Quality Assurance
- Quality Control
- Total Quality Management
- Regulatory Affairs

IIL's manufacturing facilities are accredited with

- WHO - cGMP
- PICS & International NRAs
- Good Laboratory Practices
- ISO 9000
- OSHAS

Successfully completed audits by several International agencies.







# Human Health

**FEARLESS**  
AGAINST  
**RABIES**  
www.fearlessagainstrabies.com



**P<sub>2</sub>M** Puberty  
to Menopause®



## Vaccines

IIL entered into human vaccine market in 1999. Human Biologicals Institute (HBI), a division of IIL, established a manufacturing facility in Ooty, Tamilnadu in 1998 to produce country's first indigenously purified Vero cell rabies vaccine (PVRV) - Abhayrab. Introduction of Abhayrab helped the country phase out older & unsafe sheep brain derived vaccine.

The success of Abhayrab emboldened HBI to embark on building a new vaccine facility in Hyderabad in the year 2006 to manufacture other human vaccines such as DPT Vaccine (Abhay TAG); DT Vaccine (Abhay-DAG); Recombinant Hepatitis-B Vaccine (Elovac-B); Tetanus Toxoid Vaccine (Abhay-Tox) and Pentavalent Vaccine (Vaxtar-5). Now Td Vaccine and MR Vaccine will be the latest in the list of products.



## Lifestyle Products

IIL forayed into Lifestyle products and introduced Mineral and Vitamin Supplement (VIVAFIT); Advanced probiotic (VIVAGUT); Pre & Probiotics for bacterial vaginosis (VIVAFLORE); for osteoporosis & calcium supplementation (VivaCaD).

## Hormones

Hormone range for infertility (INCEPTOVA).





# Animal Health



## Vaccines

IIL is one of the largest producers of Bovine Vaccines in the world and Raksha-Ovac is the largest Animal Health brand in India. IIL introduced several other leading brands such as - Raksharab (Anti-Rabies Vaccine); Rakshavac-T (world's first vaccine against Theileriosis); Raksha-Blu (Blue Tongue vaccine); Megavac (Multi component canine vaccine), Bruvax (Brucellosis vaccine), Raksha-Triovac (Combination of trivalent FMD, HS and BQ), Raksha-Biovac (Combination of FMD and HS), Raksha Class (Classical Swine Fever), Raksha Goat Pox (Goat Pox Vaccine) and host of other bovine, canine and sheep vaccines. IIL introduced world's first vaccine against Porcine Cysticercosis - Cysvax.

## Formulations

IIL markets a wide range of veterinary formulations. IIL's innovative formulation - Nimovet is a brand leader in NSAID segment. Other animal health care products viz., Oxfenvet, Ivectin, Vetfen, Xylaxin, Bovicef, Garbhamin, Bovoplex, Tikkil are leading brands in their respective segments.

## Nutraceuticals

IIL is the first company to introduce "Area Specific Mineral Mixture"- Goumix, in India. Other unique products- Calsagar Plus (Calcium granules), Goudhara Shakti (Bypass fat) are well accepted in Indian market.

## Aqua

IIL forayed into the Aqua market with a basket of products.





## Human Health

### • Biologicals

ABHAYRAB (Purified Vero Cell Rabies Vaccine)	ABHAYTAG (DPT Vaccine)
ABHAYRAB PF (Purified Vero Cell Rabies Vaccine (PVRV), Preservative Free)	ELOVAC-B (Recombinant Hepatitis B Vaccine)
ABHAY-TOX (Tetanus Toxoid Vaccine)	MR Vaccine* (Measles & Rubella Vaccine)
VAXTAR-5 (Pentavalent Vaccine)	Td Vaccine* (Tetanus & Diphtheria Vaccine)

### • Formulations

VIVAFIT (Antioxidant and Omega 3 Fatty Acids in Soft gelatin Capsules)
VIVAGUT (Pre & Probiotic Capsules)
VIVACAD (Calcium, Calcitriol & Vitamins in Soft gelatin Capsules)
VIVAFLOA (Pre and Probiotics capsules for Female Urogenital Health)
HERVIBE (Vitamins, Minerals, Antioxidants, Trace Elements, Evening Primrose Oil, L-Carnitine and Green Tea Extract in Capsules for Women Health)
MOMSVIBE (Vitamins, Minerals and Amino Acid Tablets for Pre-Conception, Pregnancy & Lactation)
MENOVIBE (Vitamins, Minerals, Omega-3 and Natural Extracts for Menopause)
OVACORE (Dehydroepiandrosterone, Coenzyme Q10 and melatonin for Management of Infertility)

### • Gonadotropins

INCEPTOVA HCG (Human Chorionic Gonadotropin for inj)
INCEPTOVA HMG (Human Menopausal Gonadotropin for inj)
INCEPTOVA FSH (Follicle Stimulating Hormone for inj)
INCEPTOVA rFSH (Recombinant Follicle Stimulating Hormone for Injection)
PROGESHIELD (Hydroxyprogesterone Injection)



# Products



## Animal Health

### • Biologicals



**RAKSHA OVAC**  
(Foot and Mouth Disease oil adjuvant Vaccine)

**RAKSHA TRIOVAC**  
(FMD, HS & BQ Combined Vaccine)

**RAKSHA BIOVAC**  
(FMD & HS Combined Vaccine)

**RAKSHA HS**  
(Adjuvanted Vaccine of *Pasteurella Multocida*)

**RAKSHA HS+BQ**  
(Combined Vaccine for HS & BQ)

**RAKSHAVAC T**  
(Theileriosis Vaccine)

**BRUVAX PLUS**  
(Brucellosis Vaccine S19)

**BRUVAX RB 51**  
(Brucellosis Vaccine Strain RB 51)

**BRUVAX OPTIMA**  
(*Brucellosis Abortus* (Strain19) middle dose vaccine live)



**RAKSHA**  
(Foot and Mouth Disease Vaccine Aluminium Hydroxide gel adjuvant)

**RAKSHA ET**  
(*Clostridium Perfringens* Type D Vaccine)

**RAKSHA ET+TT**  
(*Clostridium Perfringens* Type D Vaccine+Tetanus Toxoid)

**Raksha PPR**  
(Peste Des Petits Ruminants Vaccine)

**RAKSHA BLU**  
(Bluetongue Vaccine)

**RAKSHA SP**  
(Sheep Pox Vaccine)



**RAKSHA Goat Pox**  
(Goat Pox Vaccine)



**RAKSHARAB**  
(Cell Culture Antirabies Vaccine)

**STARVAC R**  
(Cell Culture Antirabies Vaccine)

**STARVAC 7**  
(Multicomponent Vaccine)

**MEGAVAC 6**  
(Multicomponent Vaccine)

**MEGAVAC P Inact**  
(Canine Parvovirus Vaccine)

**MEGAVAC CC**  
(Canine Coronavirus Vaccine)

**MEGAVAC 7**  
(Multicomponent Vaccine)



**RAKSHA CLASS**  
(Classical Swine Fever Vaccine)

**CYSVAX**  
(Porcine Cysticercosis Vaccine)

### • Formulations

**NIMOVET**  
(Nimesulide Inj., Bolus, Gel)

**GLUFLU**  
(Flunixin Meglumine Inj)

**SETRIVET FORTE**  
(Cefoparazone Sodium+Sulbactam Sodium for Inj)

**INIMOX FORTE**  
(Amoxicillin Sodium+Sulbactam Sodium Inj)

**PROZOFF**  
(Buparvaquone 5% for Inj)

**OXFENVET**  
(Oxfendazole Bolus)

**CLOSITEL**  
(Closantel Oral)

**IVECTIN**  
(Ivermectin Inj, Bolus)

**IVECTIN-T**  
(Ivermectin+Triclabendazole oral)

**VELALBEN R**  
(Albendazole + Rafoxanide Oral)

**GYROFLOX**  
(Enrofloxacin Inj, Oral)

**GYROFLOX-BH DS**  
(Enrofloxacin + Bromhexine HCL oral)

**ZUSPRAY**  
(A Herbal Spray for Open wounds)

**BOVOPLEX ORAL**  
(The Vital Health Tonic)

**BOVOPLEX CC**  
(Vit. B Complex with Choline Chloride Inj)

**TIKKIL**  
(Cypermethrin Powder & Liquid)

**TIKKIL POWER**  
(Flumethrin Pour-on)

**TIKKIL RAZ**  
(Amitraz Liquid)

**GARBHAMIN**  
(Chelated Minerals & Coated Vitamins)

**FOLYSON**  
(hCG Inj)

**XYLAXIN**  
(Xylazine HCl Inj)

**CALGONATE (CBG)**  
(Calcium Borogluconate Inj)

**MIPHOCAL**  
(Calcium Magnesium Borogluconate Inj)

**MECTADOR**  
(Doramectin 1% w/v for Inj)

**PARVOGUARD**  
(Feed Supplement for Canine Parvoviral Enteritis )

**SHINIKOAT**  
(Omega Fatty Acid supplement for Dogs)

**NEPHRO K9**  
(Feed Supplement for management in Chronic Kidney Disease)

**FLEXICRUZ**  
(Joint Support Supplement)

**IMIDECTIN**  
(Moxidectin + Imidacloprid Spot on)

**ACTIPET FORTE**  
(Multivitamins & Amino Acids Supplement)

**PET FORTE**  
(Oral Calcium Suspension)

**VETALEXIN**  
(Cephalexin Mohohydrate Oral)

### • Nutraceuticals

**CALSAGAR PLUS**  
(Calcium Feed Supplement)

**GOUVIT CHELATED**  
(Glycine Chelated Mineral Mixture & Vitamin premix for higher productivity)

**KSHIRSAGAR**  
(High energy milk booster)

**KSHIRSAGAR CHELATED**  
(Glycine Chelated trace minerals with Biotin & Herbs for higher productivity)

**GOUSAC**  
(Rumen Specific Live Yeast Culture)

**GOUSAC POWER**  
(Rumen derived lyophilized probiotic culture)

**R-VITA**  
(Raksha Vitamin and Mineral premix for higher productivity)

**GOUMIX**  
(Area Specific Mineral Mixture)

**GOUMIX TM CHELATED**  
(Trace Mineral Mixture Chelated with Chromium)

**GOUDHARA SHAKTI**  
(Bypass Fat with Live yeast & Herbs for Overcoming Energy Deficiency in Early Lactation)

**VETFEN 600**  
(Medicated Feed Pellets with Fenbendazole)

**4P**  
(Nutritional Supplement for transition period)

**TRISOMIX**  
(Nutritional supplement for mastitis management)

### • Aqua

**GOUVIT AQUA**  
(Organic mineral mixture with vitamins for Aquaculture use)

**R-VITA AQUA**  
(Chelated minerals with DFM for aquaculture use in varying salinity)

**GOUMIX AQUA**  
(Eliminate stress conditions in ponds with the help of organic chromium)

**GOUSAC AQUA**  
(One stop solution to all 3 challenges)

**GOUSAC AQUA PRO**  
(Feed probiotics for Aquaculture)

**KSHIRSAGAR AQUA**  
(High bioavailable calcium and phosphorus with organic chromium for stress free moulting)





**PROBIND**  
(Multienzymatic solution for Aquaculture)

**50+ COUNTRIES**  
**300 REGISTRATIONS**  
**2 BILLION DOSES**  
**ANNUALLY**  
**& GROWING**





# International Business

<p>Animal Rabies</p> 	<p>FMD</p> 	<p>Sheep Pox</p> 	<p>PPR</p> 
<p>Brucella Rev 1</p> 	<p>Brucella S19</p> 		
<p>Tmda Tanzania</p> 	<p>FDA Ghana</p> 	<p>FDA Philippines</p> 	<p>MCAZ Zimbabwe</p> 
<p>NDA Uganda</p> 	<p>PPB Kenya</p> 	<p>MOH Turkey</p> 	

## Global Presence

Over the last one decade, IIL has emerged as a leading exporter of its human and veterinary products to more than 50 countries in Middle East, Asia Pacific, Africa, South America and CIS.

IIL undertakes contract manufacturing of vaccines, formulations and bulk antigens while meeting Indian and international regulatory requirements.

IIL has collaborations/partnerships with leading global biopharmaceuticals companies.



# Corporate Social Responsibility

Being a socially conscious organization, IIL undertakes several CSR activities for the benefit of society

- Free vaccination and deworming for destitute animals under Project Gouraksha as well as mineral supplementation under Project CHANP
- Ring Vaccination within 5 km radius of Gachibowli Plant to prevent animal diseases.
- Adopted three Government schools, providing basic amenities and nutritional supplements including “Gift Milk” scheme in Telangana & Tamilnadu.
- Support for Stray Animal Welfare – Utkarsh Global Foundation, Pune.
- Project Go Green - To empower the dairy farmers in manure management / Biogas plants.
- Developing medical infrastructure in Government Hospitals -
  - Oxygen generation plant at TIMS, Gachibowli, Hyderabad, Telangana.
  - Two dialysis units with the Rotary Club of Pollachi at their centre in Pollachi, Tamilnadu.





# Contacts

Products	Plant Location	Business
Animal Health Vaccine Human Health Vaccine	<b>Hyderabad, Telangana</b> Rakshapuram, Gachibowli, RR Dist - 500 032	Animal Health Email: ah@indimmune.com
Formulations Human Health Vaccine Contract Manufacturing	Survey No. 281-284 & 321, Biotech Park Phase – III, Karakapatla Village, Mulug Mandal, Medak (Dist.) - 502 281	Human Health Email: hh@indimmune.com
Human Health Vaccine	<b>Ooty, Tamilnadu</b> Kozipannai, Pudumund, Udhagamandalam – 643 007	International Email: exports@indimmune.com
Bovine Serum	<b>Pristine Biologicals (NZ) Ltd</b> 8, Mako street, Dargaville, Northland, New Zealand	Institution Email: info@indimmune.com insthbi@indimmune.com  Tel: +91-40-67682200



<https://www.indimmune.com/>

<https://www.facebook.com/indimmune>

<https://www.linkedin.com/company/indian-immunologicals-limited/>

<https://twitter.com/indimmune>

<https://www.youtube.com/channel/UCJqYMMpA0-JbY6KxUpkqkpw>



<https://cysticercosis.in/>

## C & FA Locations:

**Ahmedabad** (Gujarat), **Ambala** (Haryana), **Bengaluru** (Karnataka), **Bhopal** (Madhya Pradesh), **Chennai** (Tamil Nadu), **Ernakulam** (Kerala), **Cuttack** (Orissa), **Delhi** (Delhi), **Guwahati** (Assam), **Hyderabad** (Telangana), **Jaipur**(Rajasthan), **Kolkata** (West Bengal), **Lucknow** (Uttar Pradesh), **Ludhiana** (Punjab), **Patna** (Bihar), **Pune** (Maharashtra), **Raipur** (Chhattisgarh), **Ranchi** (Jharkhand), **Roorkee** (Uttarakhand).



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**Human Health - 1800 313 99977**