




# KADAMBA



# Nano-Swarnabindu

A photograph of a mortar and pestle with herbs and flowers, and several glass bottles, set within a decorative frame. The mortar and pestle is in the foreground, with a mortar containing green leaves and orange flowers. In the background, there are several glass bottles of varying sizes, some with cork stoppers. The entire scene is set against a blurred background of green foliage and warm lighting.

**Patented Green Nanotechnology  
Platform for Precision Nano-Ayurvedic  
Immuno-Nutrition**

## Ancient Rasaayana. Advanced Nano Science.



Swarnaprashana, one of Ayurveda's most established paediatric Rasaayana interventions, has traditionally supported immune competence, cognitive development, strength, and healthy growth during early childhood. Formulated with purified gold, ghee, honey, and neurocognitive herbal actives, it is revered as a foundational samskara that promotes long-term physiological resilience and systemic wellness.

Kadamba reinterprets this classical formulation through patented green nanotechnology, converting an empirical tradition into a precision immuno-nutrition platform with enhanced absorption, reproducible bioavailability, and clinically validated safety.

## Heritage Meets Precision Medicine



Kadamba Nano-Swarnabindu integrates Ayurvedic pharmacology with nanoscale engineering and evidence-based biomedical research to deliver standardized, measurable therapeutic outcomes. Engineered gold nanoparticles facilitate superior mucosal transport, efficient cellular internalization, and optimized pharmacokinetics, enabling targeted delivery and controlled release of bioactive phytochemicals. This nano-enabled system demonstrates scientifically validated anti-inflammatory, antioxidant, immunomodulatory, and neuroprotective effects that support safe and effective paediatric development.

## Clinical Relevance in Paediatric Development



Enriched with clinically characterized Medhya Rasaayana herbs and delivered through a herb-gold nano matrix, the formulation enhances neurocognitive performance, immune maturation, metabolic efficiency, and physical vitality. Improved bioavailability and rapid onset allow consistent efficacy at lower doses, making it particularly beneficial for children with reduced immunity, suboptimal growth, or learning challenges.

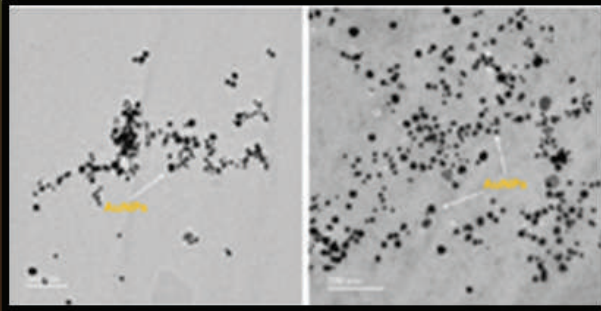
## Scientific & Technological Foundation



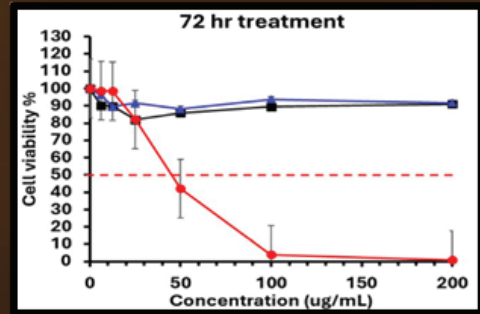
Built on Kadamba's patented green synthesis platform, the formulation employs precision-controlled gold nanoparticles with defined size distribution and phytochemical surface functionalization to ensure biocompatibility, stability, and synergistic biological activity. The system improves pharmacodynamic performance, protects actives across gastrointestinal environments, and enables sustained, targeted delivery—establishing Nano-Swarnabindu as a scientifically standardized, scalable, and translational Nano-Ayurvedic therapeutic.

# Technical Data Sheet

TEM image of Kadamba's "Swarnabindu"



Endothelial Cells (HAEC) - No cytotoxicity

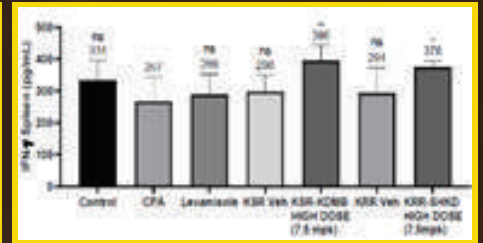
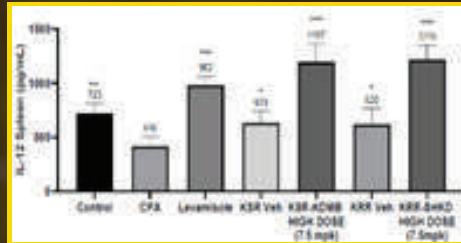
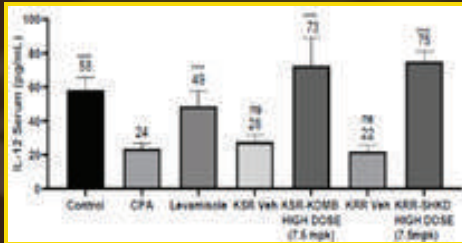


## Cytokine Profiling - pre and pro inflammatory cytokines boosts immunity in children

Serum IL-12 (n=6)

Spleen IL-12 (n=6)

Serum IFN-γ (n=6)



Parameter	Details
Product	Kadamba Nano-Swarnabindu®
Category	Nano-Ayurvedic Immuno-Nutrition
Technology	Patented Green Gold Nanoparticles
Delivery	Nano-Encapsulated Herb-Gold Complex
Target Group	Pediatric (0-5 years)
Safety	Non-toxic, biocompatible
Validation	In vitro • In vivo • Translational
Manufacturing	GMP Compliant

**Kadamba Nano-Swarnabindu**  
 is not merely an Ayurvedic preparation  
 but a next-generation immuno-nutrition  
**Scientifically Standardized**  
**and Evidence-Based**





# KADAMBA

## Nano-Swarnabindu

**Building Stronger Minds. Stronger Immunity.**

**Stronger Futures**