



EXOVELIA

Exosome Science for Beauty,
Vitality and Life

www.exovelgia.com



EXOVELIA
Exosome Science for Beauty, Vitality and Life

PREMIUM EV INGREDIENTS

A New Standard for Premium Exosomes

As a partner of ExosomePlus, EXOVELIA connects product development and market opportunities in the medical, cosmetic, and bio industries through advanced Extracellular Vesicle (EV) technology.

**High-quality,
high-potency EV**

**Proven superior
performance**

**Premium Bioactive
Performance**

**Exosome Science for Beauty,
Vitality and Life.**



ABOUT EXOVELIA

A B2B Partner Connecting EV Science with the Market

EXOVELIA is a Technology, Marketing & Business Development Company that connects customer product development with commercialization.

EXOVELIA

B2B Marketing & Business Development

- Market and industry analysis; lead generation
- Customer needs assessment and technology matching
- Sample evaluation, technical review, and commercial negotiation support
- ODM/OEM, brand, and distribution partner development

ExosomePlus

Science & Technology Partner

- EV production, isolation, purification, analysis & QC technology
- ATPS-based isolation & purification platform
- ExoCope™ single-particle analysis system
- Process development, formulation & commercial supply support

An exosome-specialized company founded by POSTECH professors and researchers



OUR ROLE

Turning scientific credibility into market value.

EXOVELIA develops and supplies premium exosome/EV ingredients based on ExosomePlus's innovative EV technology, connecting cosmetics and bio companies with product development and market expansion.

WHY EXOVELIA

A More Complete EV Partner

When customers select an EV supplier, what matters is not only the material itself, but also scientific evidence, quality control, scalability, technical support, and commercialization.

01 Scientific Credibility

Built on POSTECH research achievements and EV-specialized researchers

02 Integrated Platform

Integrating production, isolation, QC, analysis, process development, and supply into one workflow

03 Quality & Consistency

Data-driven quality control from particle, marker, and batch perspectives

04 Commercial Readiness

Scale-up from sample evaluation to commercial supply

Science → Quality → Application → Market

TECHNOLOGY

Integrated EV Technology Platform

ExosomePlus's proprietary technology integrates the entire workflow from production to purification, analysis, and supply, supporting the stability and consistency of high-quality EV ingredients.

01

Production



Stable production process and scale-up-ready EV platform

02

Separation / Purification



Proprietary ATPS-based EV isolation & purification technology

03

Characterization / QC



Single-particle-level analysis and multi-marker-based quality control

04

Formulation / Supply



Application of high-quality EV ingredients

CORE TECHNOLOGY

ATPS

Scalable isolation & purification technology designed for high recovery and purity

ExoCope™

Qualitative and quantitative analysis based on size, count, scattered light, and multi-fluorescence

QC

Consistency and reproducibility control of key quality attributes across batches

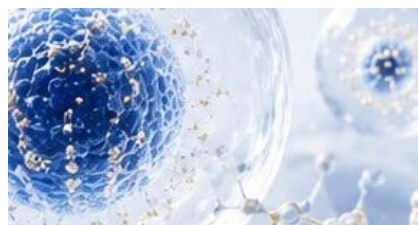
QUALITY

Quality You Can Measure.

The competitiveness of EV materials is not simply about particle count; it depends on how systematically Identity, Purity, Consistency, and Scalability are managed.

From Particle Count to Quality Understanding

Particle Size · Concentration · Marker Profiling · Batch Comparison



01

Batch QC

Comparison of key quality attributes across batches based on repeated production data

02

Marker Profiling

Confirmation of EV marker characteristics, including CD9, CD63, and CD81

03

Process Consistency

Management of production yield, purity, and reproducibility through pilot runs

04

Scalable Purification

ATPS-based isolation and purification designed for process scale-up

Advanced EV Science. Consistent Quality. Reliable Supply.

SCIENTIFIC FOUNDATION

Technology Backed by Science.

EXOVELIA's technological credibility is based on the accumulated EV research achievements of ExosomePlus and POSTECH researchers.

17

SCI papers
in the last 5 years

18

Patents
in the last 5 years

JEV

Associate
Editor

SELECTED RESEARCH

ACS Nano, 2021 — Multifluorescence Single EV Analysis and Tracking

JEV, 2024 — Cell-engineered Virus-mimetic Nanovesicles for Vaccination

Small, 2024 — EV Two-Phase Isolation for Prostate Cancer Metastasis Diagnosis



An EV Technology Platform expanded from academic research achievements to production, isolation, purification, analysis, QC, and commercial supply capabilities.

EV MATERIALS

Premium EV Ingredients. Ready for B2B Evaluation.

Based on ExosomePlus technology, EXOVELIA connects evaluation, technical consultation, and commercial supply of EV ingredients for the Beauty & Bio industries.

01**Plant-derived EV****Premium Botanical EV**

For Beauty & Cosmetic applications based on plant-derived EV ingredients

Application Review

Characterization & QC

Commercialization

02**Lyophilized EV****Lyophilized Format**

Freeze-dried materials suitable for evaluation and product development

Evaluation & R&D

Project-specific Supply

Technical Consultation

03**Customized EV****Custom EV Development**

Custom EV development linked to partners' raw materials, formulations, and product concepts

Source & Concept

Purification / QC

Application & Scale-up

Technical documents are provided through consultation according to the evaluation stage.

Sample · Product Information · Specification · COA · Particle Analysis · QC Data · Storage / Handling

SOLUTIONS

From EV Technology to Your Product

From ingredient supply to evaluation, technical review, process optimization, and co-development support

01**Premium EV Ingredient**

Supply of high-quality EV ingredients and lyophilized materials

02**Sample & Technical Evaluation**

Samples, specifications, QC data, and technical consultation for evaluation

03**EV Characterization**

EV characterization through particle, marker, and batch analysis

04**Purification & Process Optimization**

EV isolation, purification, process optimization, and scale-up feasibility review

05**Customized EV Development**

Custom EV development based on partners' materials and product concepts

06**Commercialization Support**

End-to-end commercialization support

DISCUSS → SAMPLE → VALIDATE → DEVELOP → COMMERCIALIZE

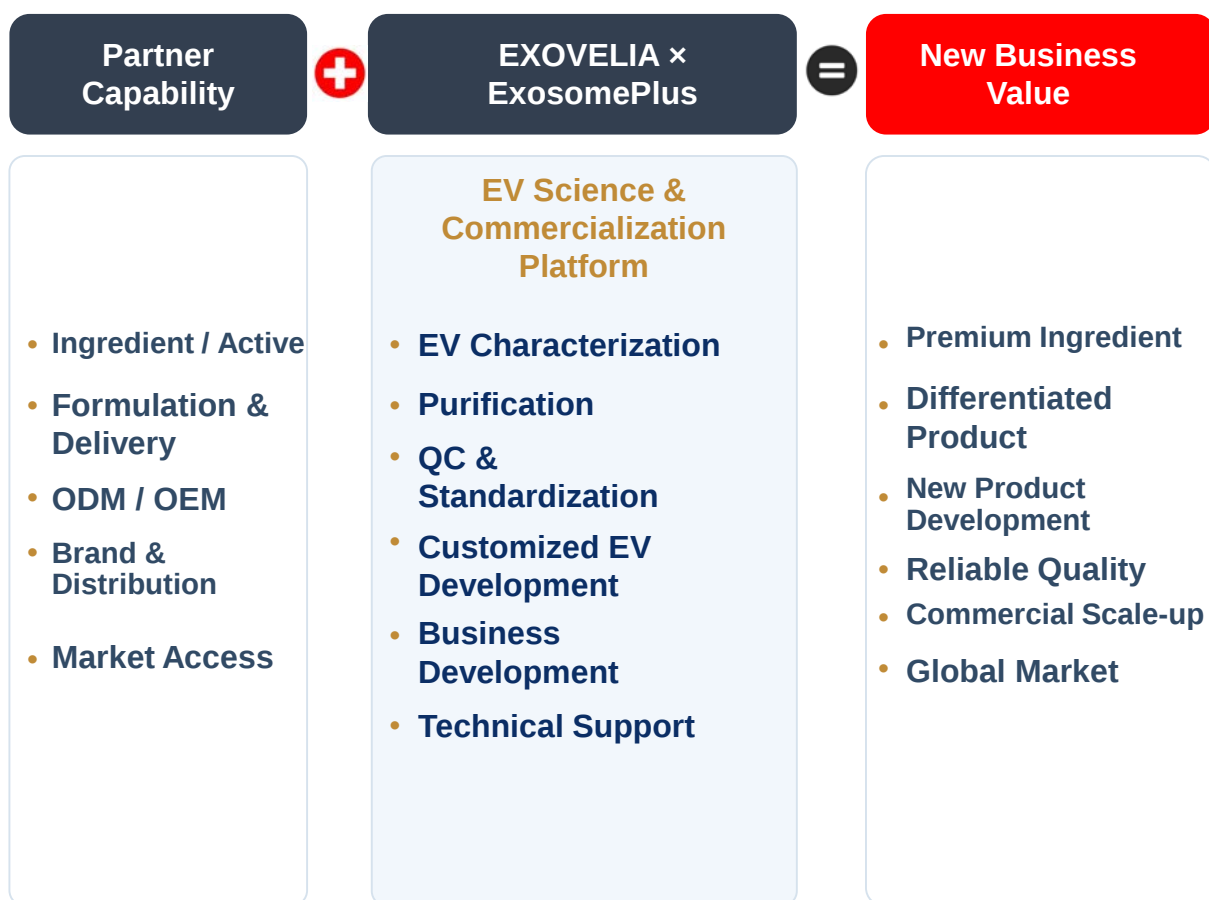
Connecting product development through technical consultation and sample evaluation

EXOVELIA provides practical solutions to accelerate partners' product development and strengthen market competitiveness.

PARTNERSHIP

Together, We Create More Value from EV Science.

By adding advanced EV Science to partners' technologies and markets, we create new business value.



DISCUSS · SAMPLE · VALIDATE · DEVELOP · COMMERCIALIZE

EXPERIENCE

Proven Experience in EV Supply.

The supply experience shown on this page is ExosomePlus's experience. EXOVELIA drives business development with customers based on ExosomePlus's accumulated research and supply experience.

ExosomePlus Supply & Research Experience

Supply and joint research experience with research institutions, hospitals, and companies



**SNU College
of Medicine**



**Seoul St. Mary's
Hospital**



**Ewha Womans Univ.
Mokdong Hospital**



Daldam



**COSMAX
(Joint Test)**



Medipost



**BOC Science
(New York)**



**POSTECH
Research &
Technical
Collaboration**

Verified quality and responsible supply experience

Through supply and joint research experience with diverse research institutions, hospitals, and companies, ExosomePlus has built confidence in the reliability and applicability of EV materials.

CONTACT

Let's Build the Future of EV Science Together.

EXOVELIA works with partners to build successful business growth through innovative EV technology.

Exosome Science for Beauty, Vitality and Life.

EXOVELIA

Premium EV Ingredients & Commercialization Partner

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