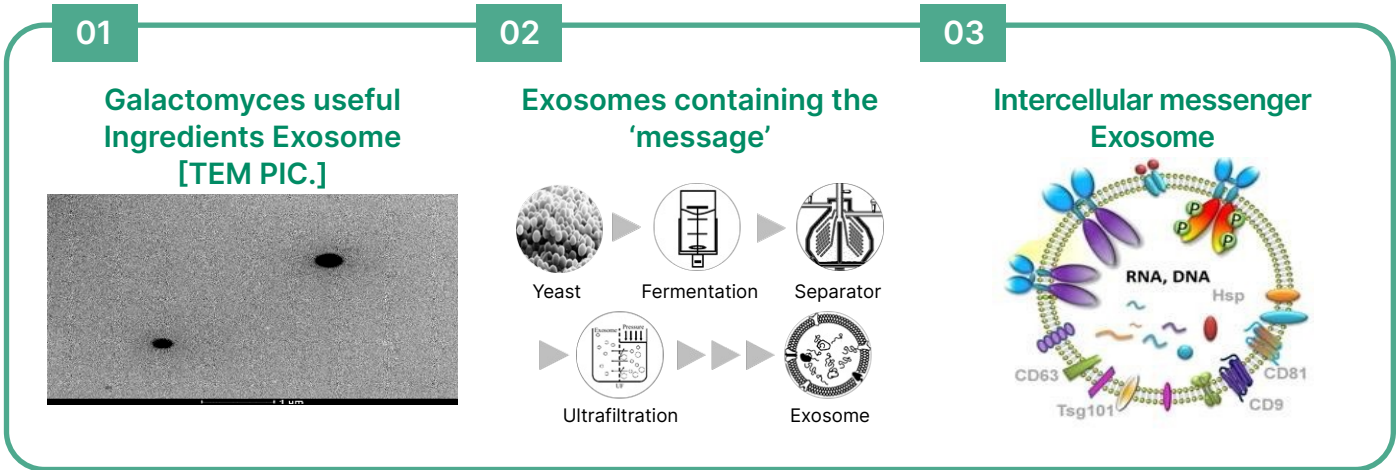


# BIORAN Exosome G.C

(INCI : Galactomyces Extracellular Vesicles)

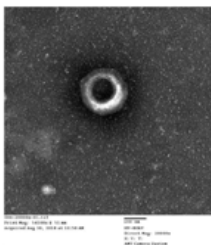
## Introduction

Exosome that is used in intercellular signal transmission and is a biological vesicle with a size of 20-200 nm is a kind of vesicle that is produced in cells. BIORAN Exosome G.C is the only skill of INKOS Co., Ltd. It is a product that separates exosomes after culturing a strain called **Galactomyces candidum Ink-04**, which is separated from makgeolli. This is a product that delivers exosomes that contain a "message" that benefits the skin that yeast has deep inside the skin.

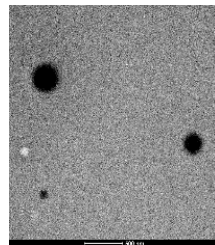


## Efficacy test

### 1. BIORAN Exosome G.C [TEM PIC.]



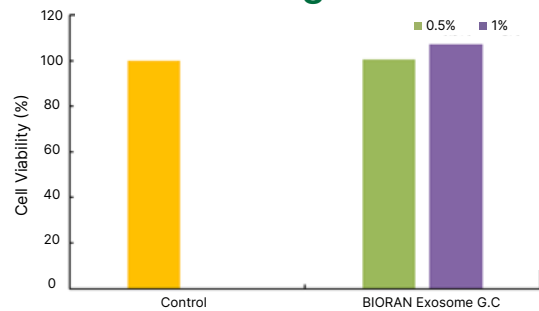
Origin of bean Exosome From Other company



Origin of Galactomyces From INKOS

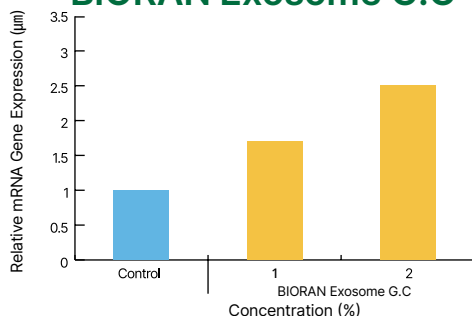
INKOS's Origin of Galactomyces

### 2. The effect of BIORAN Exosome G.C on cell regeneration



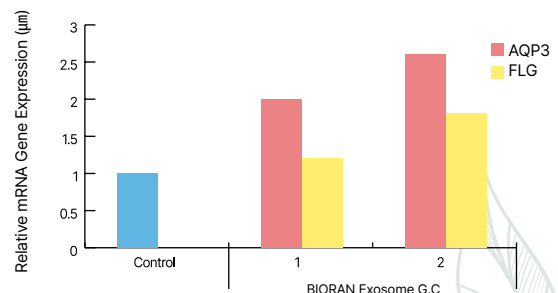
Concentration-dependent cell proliferation activity → Strengthen skin barriers and wrinkle improvement effect

### 3. Skin barrier gene expression of BIORAN Exosome G.C



Increased expression of skin barrier-related gene TGM1 on concentration-dependent → Strengthen skin barriers effect

### 4. Skin moisturizing gene expression of BIORAN Exosome G.C



Facilitates the expression of moisturizing-related genes (AQP3, FLG) depending on concentration-dependent → Moisturizing effect of skin