



evear



# Weight loss effect

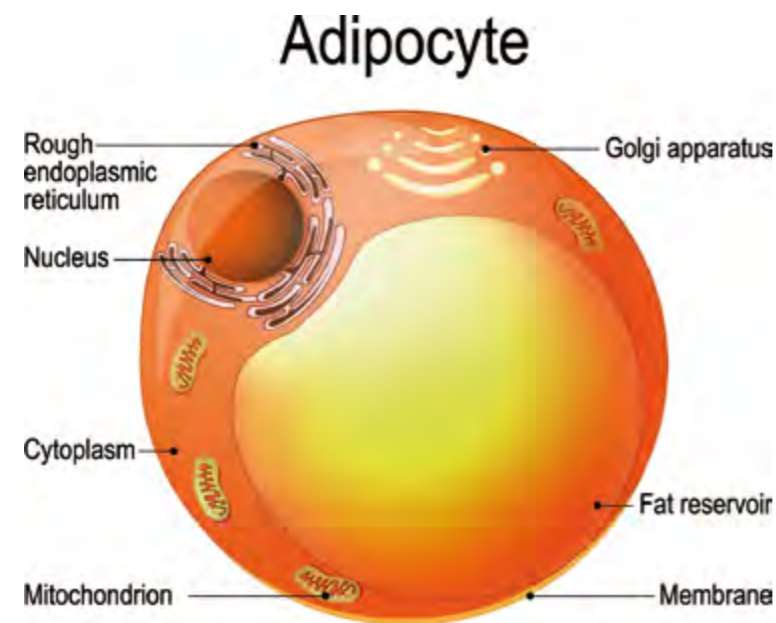


from  
fresh artichoke  
leaf grown  
and extracted by  
evear EXTRACTION

# adipo CYMAR®

# Clinic'n'Cell Ex-vivo **clinical trials**®

Protected and licensed  
**protocol**



fat burning

- **100% traceability** from Artichoke leaves to dry extract **adipoCYNAR**®
- **Fresh leaves** extraction.
- Aqueous extraction - **no solvent** involved.



**M**etabolic and anti-weight gain protective properties of human enriched serum following **adipoCYNAR**® absorption.

Protected and licensed protocol : Clinic'n cell results from an innovative Ex Vivo Clinical Trial.

Rapid and relevant scientific evidences regarding the biological activity of **adipoCYNAR**® through human metabolism.

## Phase 1 :

- **adipoCYNAR**® administration to volunteers.
- Determination of maximum absorption of **adipoCYNAR**® in venous blood : 100 minutes after ingestion.

Scientific study available and **published** by **NUTRIENTS**

with an impact factor of

**5,517**

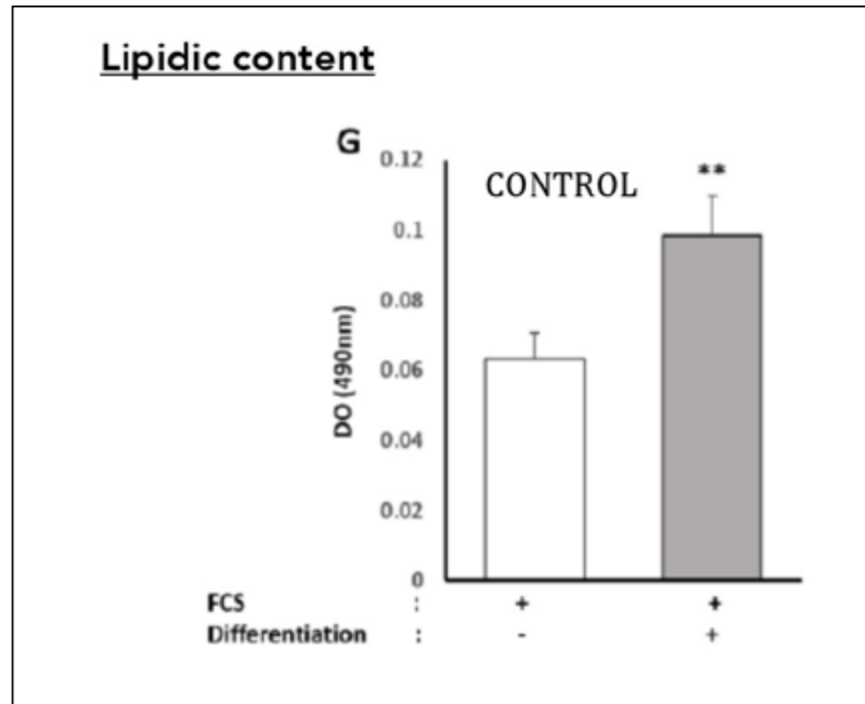
DOI : 10.3390/nu13082653

## Phase 2 :

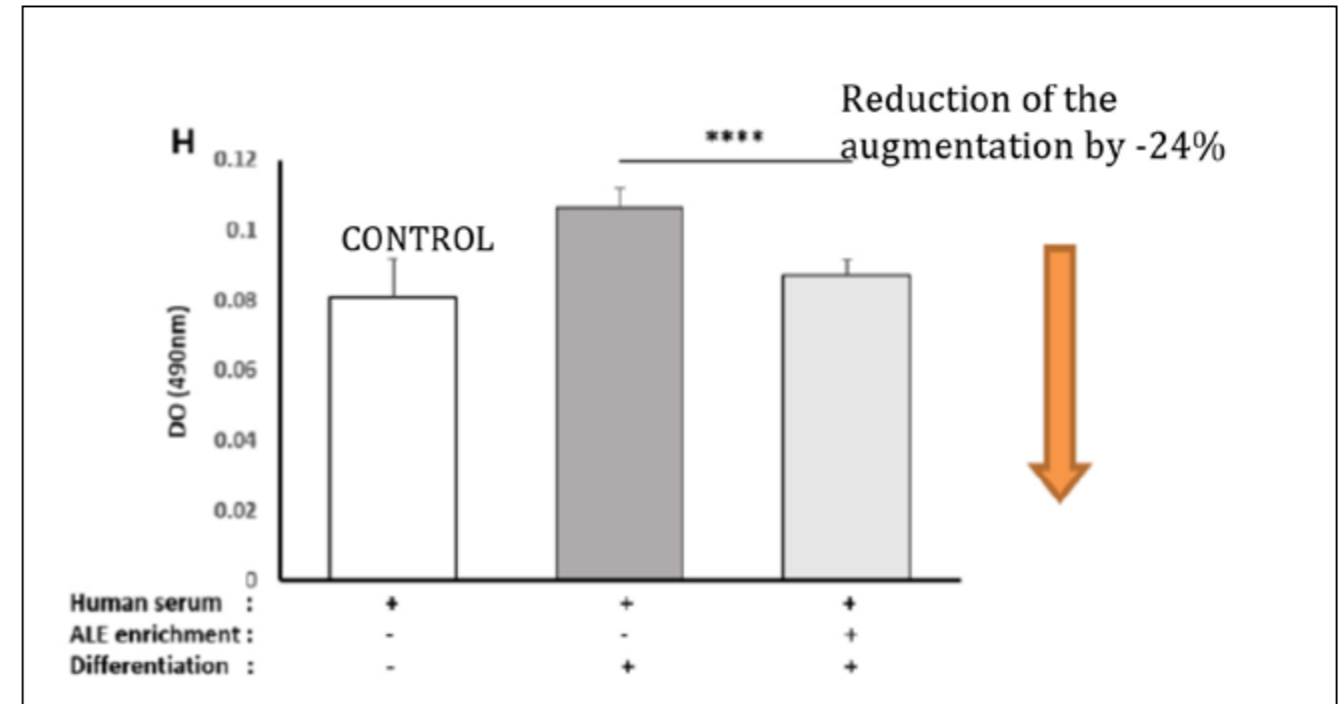
- Serum collected at peak absorption.
- Incubation of serum with targeted primary human adipocytes cells.
- Determination of biological activities.

# Relevance of results :

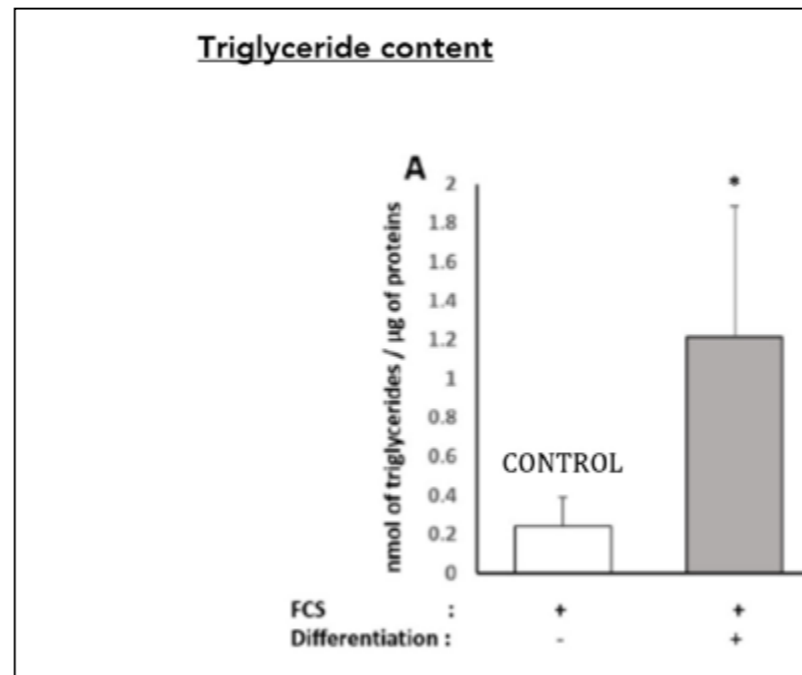
Cells are treated with the enriched human serum from **adipoCYNAR®** and not directly with the extracts.



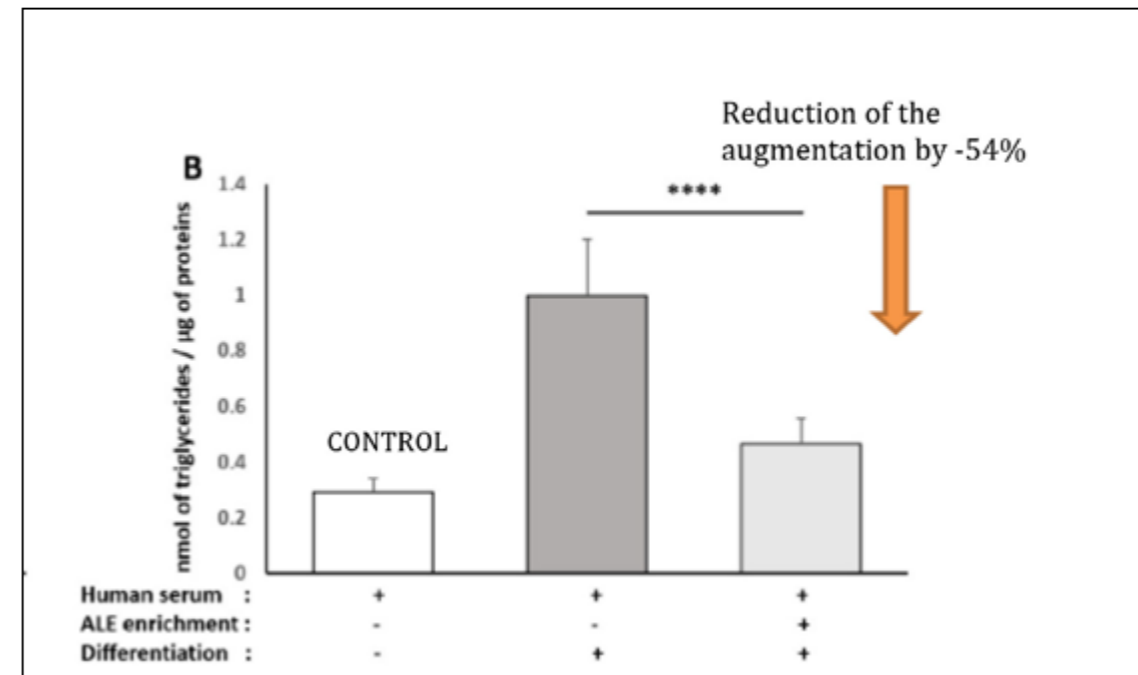
Human serum enriched with **adipoCYNAR®** metabolites



significantly **limited the intracellular lipid accumulation by -24% in differentiated adipocytes**



Human serum enriched with **adipoCYNAR®** metabolites



significantly **limited the intracellular triglyceride accumulation by -54% in differentiated adipocytes**





# Conclusions

The metabolites of

**adipo**CYNAR®

limit the ability of primary human adipocytes to respond to culture conditions mimicking an obesogenic content that results in :

- **Decrease** capacity to store fat
- **Reduction** of intracellular lipid accumulation  
**by -24%**
- **Reduction** of intracellular triglyceride accumulation  
**by -54%**

**eVEAR** *extraction solution*

French manufacturer of titrated and standardised plant extracts for the pharmaceutical, cosmetic and food supplement industries.

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