# PROJECT "ANTI-AGING"


Ευρωπαϊκή Ένωση
Ευρωπαϊκό Ταμείο Περιφερειακής Ανάπτυξης

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΟΙΚΟΝΟΜΙΑΣ & ΑΝΑΠΤΥΞΗΣ
ΕΙΔΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΠΑ & ΤΣ
ΕΙΔΙΚΗ ΥΠΗΡΕΣΙΑ ΔΙΑΧΕΙΡΙΣΗΣ ΕΠΑνΕΚ

ΕΠΑνΕΚ 2014–2020
ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ
ΑΝΤΑΓΩΝΙΣΤΙΚΟΤΗΤΑ
ΕΠΙΧΕΙΡΗΜΑΤΙΚΟΤΗΤΑ
ΚΑΙΝΟΤΟΜΙΑ

ΕΣΠΑ 2014-2020
ανάπτυξη - εργασία - αλληλεγγύη

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**This project aims to uncover potentially novel natural actinobacterial compounds with anti-aging activity that can be formulated as cosmeceutical and nutraceutical products**

## ACADEMIC PARTNERS

HELLENIC REPUBLIC
National and Kapodistrian University of Athens
EST. 1837

**Department of Pharmacy**
- Section of Pharmacognosy & Natural Products Chemistry

**Department of Biology**
- Section of Botany - Microbiology group
- Section of Cell Biology & Biophysics

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UNIVERSITY of IOANNINA

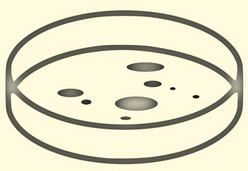
**Department of Biological Applications & Technology**
- Laboratory of Biotechnology

## DIVERSE GREEK ECOSYSTEMS



## ISOLATION of 1000 ACTINOBACTERIAL STRAINS





ATHUBA
**Bacterial Culture Collection**
(National and Kapodistrian University of Athens)

## 2000 EXTRACTS

(in-house library)

**HIGH-THROUGHPUT SCREENING TECHNIQUES**

**BIOACTIVITY-GUIDED ISOLATION**

**STATE-OF-THE-ART ANALYSIS & ISOLATION TECHNIQUES**

**BIOACTIVE MOLECULES with ANTIAGING PROPERTIES**

**SELECTION of CANDIDATES for COSMECEUTICAL / NUTRACEUTICAL APPLICATIONS**

**PILOT-SCALE PRODUCTION**

**LEAD PRODUCTS FORMULATION**

INDUSTRIAL PARTNER

Lilly ΦΑΡΜΑΣΕΡΒ