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PRESENTER FULL NAME: Demet AKALGAN AKLAR, Ph D, PhD, Ms Sc, Pharm.

ORGANIZATION: SILVERBERRYTECH& Istanbul University Cerrahpasa Faculty of Pharmacy

WORKSHOP NAME: Bridging Science and Innovation: Horizon 2025 Workshop

E-MAIL: demet.akalgan@gmail.com, demet.aklar@iuc.edu.tr

Description of the Organisation

Mission & Vision

Our organization is committed to developing **natural, safe, and scientifically advanced dietary supplements**. We aim to revolutionize weight management and metabolic health by leveraging cutting-edge technologies such as **supercritical extraction and nano-carrier systems**.

Expertise & Innovation

With a team of experts in **pharmacognosy, pharmaceutical biotechnology, toxicology, and pharmaceutical technology**, we specialize in **high-quality, research-driven formulations**. Our focus is on maximizing the bioavailability and efficacy of natural ingredients to ensure superior health benefits.

Market & Global Impact

We strive to introduce our flagship product, **SilverberryTech**, to both national and international markets, offering a **safer and more effective alternative** to conventional weight management supplements. Our strategy involves **pharmacy distribution, e-commerce platforms, and strategic collaborations with healthcare professionals**.



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Teams' Expertise



Scientific & Technical Expertise

Our team consists of experts in **pharmacognosy, pharmaceutical biotechnology, toxicology, and pharmaceutical technology**. We specialize in **natural product research, supercritical extraction, nano-carrier systems, and innovative supplement formulations** to enhance bioavailability and therapeutic efficacy.



Regulatory & Market Strategy

In addition to scientific research, our team has **extensive experience in regulatory compliance, clinical study design, and commercialization strategies**. We work closely with **pharmacies, healthcare professionals, and digital marketing platforms** to ensure the successful market entry and growth of our products.

Your Research Fields

Natural Product-Based Drug & Supplement Development



Metabolic Health & Oxidative Stress Management



Nanotechnology & Bioavailability Enhancement



Safety, Efficacy & Clinical Validation

Your On-going Projects

1. SilverberryTech – Natural Weight Management Supplement

We are developing a **scientifically formulated dietary supplement** derived from **Elaeagnus angustifolia (Silverberry)**. Utilizing **supercritical extraction and nano-carrier technology**, this product aims to support **weight control, blood sugar balance, and oxidative stress reduction**.

2. Silverberry Fit Track – Personalized Health Monitoring

Silverberry Fit Track is an **AI-driven digital health platform** designed to **monitor metabolic health, weight loss progress, and overall well-being**. It integrates **biometric tracking, nutritional guidance, and personalized recommendations** to enhance the effectiveness of **SilverberryTech**.

3. Clinical Validation & Regulatory Compliance

Our team is preparing for **efficacy, safety, and stability tests** to validate our formulations. We aim to **conduct clinical trials** within the next three years to transition our product from a **dietary supplement to a licensed herbal medicine**.

4. Expansion into Global Markets

We are actively working on **introducing SilverberryTech to international markets**, particularly **Turkey and the US**, through **strategic partnerships with pharmacies, online platforms, and healthcare professionals**.

SilverberryTech – Smart Nutrition for Metabolic Health

Call Topic: HORIZON-HLTH-2025-01-IND-02: Digitalisation of conformity assessment procedures of medical devices and in vitro diagnostic medical device

Deadline Dates: 18 September 2025

1.Objectives:

Develop a **scientifically backed, natural dietary supplement** to support **weight control and metabolic health**.
Integrate **nano-technology** for enhanced **nutrient bioavailability** and **oxidative stress reduction**.
Implement **Silverberry Fit Track**, an **AI-powered health monitoring platform** for personalized wellness tracking.
Ensure **clinical validation, safety, and regulatory approval** to transition from a supplement to a **licensed herbal medicine**.

•Expected Results:

- A **market-ready, innovative dietary supplement** with validated efficacy.
- A **digital companion tool (Silverberry Fit Track)** to optimize user engagement and health tracking.
- Completion of **stability, safety, and clinical validation tests**.
- Expansion into **EU and US markets** through strategic partnerships.



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Consortium - profile of known partners (if any)

No	Partner Name	Type	Country	Role in the Project
01	Anadolu University Faculty of Pharmacy	University	TURKEY	Lead Research Partner
02	Orjin Pharma	Company	TURKEY	Distribution Partner
03	Istinye University Faculty of Pharmacy	University	TURKEY	Technical Support
04	Istanbul University Cerrahpasa Faculty of Pharmacy	University	TURKEY	Lead Research Partner
05	Kent University Faculty of Pharmacy	University	TURKEY	Technical Support

Consortium – required partners

No	Expertise	Type	Country	Role in the project
01	Natural Product Development	Project Cooperation		
02	Pharmaceutical Technology	Project Cooperation		
03	Nutritional Supplements	Project Cooperation		
04	Clinical Trials & Research	Project Cooperation		



demet.aklar@iuc.edu.tr
TURKEY