

Researcher / Enterprise profile form



Date 05 07 2005

Valid until: 31 12 2006

CONTACT DETAILS

Research organisation / Enterprise	Company	Researcher / Contact person	
Organisation Name	NuAce Technologies Ltd.	Name / Surname	Dr Hadar Kless
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City	76123 Rehovot (Israel)	E-mail	hadar@nuace-bio.com
Country			
www address			

ORGANISATION TYPE

Research organisation type	<input checked="" type="checkbox"/> Research Organisation	Is your company a Small and Medium Sized Enterprise (SME*)? Number of employees:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	<input type="checkbox"/> Company			
	<input type="checkbox"/> Other		7	

• Description of research activity:

NuAce is a biotechnology company having a unique approach in drug discovery developing new and enhanced Aptamers.

Where the design of potent new molecules for therapeutic and diagnostic applications is a rate-limiting step in the health care industry, NuAce provides a novel platform technology to create unlimited number of new drug-candidate and biosensor molecules.

The NuAce technology, developed at the Weizmann Institute in Israel, makes a breakthrough in Aptamer design providing the next-generation Aptamers, and new opportunities in a promising market.

NuAce develops its pipeline mainly through collaboration and licensing deals with bio-pharma companies and academic groups.

NuAce is seeking such deals with groups having important drug-targets, and who wish to develop new drugs using the leading Aptamer technology.

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Former participation in
an FP European
project?

YES NO

Project title / Acronym:

Activities performed:

* Your enterprise is an SME if:

-it has **less than 250 employees**

-it has either an **annual turnover not exceeding €40M, or an annual balance sheet total not over €27M**

-it is **less than 25% owned by a non SME** (unless these are financial investors, such as banks or venture capitalists)

EXPERTISE/COMMITMENT OFFERED

Keywords specifying the
expertise:

Enhanced Aptamers; Molecular evolution; Drug discovery; Drug delivery; Biosensors; Diagnostic; Proteomics; Drug-target validation; In-vivo imaging

Description of the
expertise:

NuAce is developing the next-generation Aptamer molecules for therapeutic and diagnostic applications.

The NuAce breakthrough technology evolve Aptamers that have higher degree of target specificity and in vivo stability – both of which have been the main issues and concern with currently available Aptamers.

These next-generation Aptamers extend the diversity and repertoire of chemical groups, displayed on the new building blocks, and as a result, enhance their specific function as drugs and biosensors.

The team of NuAce is lead by Dr. Hadar Kless and includes additional 5 Ph.D's having their main expertise in molecular biology, protein engineering, in-vitro evolution and nucleic acid biochemistry and chemistry.

Commitment offered

Research Demonstration Training
 Technology Dissemination Other:

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EXPECTATIONS

Term commitment

Short (< 1 year) Medium (1 to 3 years) Long (more than 3 years)

Expected results for your organisation:

Collaboration and licensing deals

I agree with the publication of my data!

PLEASE FILL IN THE PROFILE FORM AND RETURN IT TO:

Adva Schwartz

ISERD

email: adva@iserd.org.il

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