



European  
Commission



# Blue Economy Business and Science Forum Hamburg 2016

Projects showcase session

**Margherita Sosio**  
**KtedoGen Srl, Milan, IT**





# NoMorFilm

[www.nomorfilm.eu](http://www.nomorfilm.eu)

## Novel marine biomolecules against biofilm

## Application to medical devices

H2020-BG-2014-2

ID634588

Blue growth: unlocking the potential of the oceans



## New antibacterial and antivirulence biomolecules: ANTIBIOFILM from MICROALGAE

- ★ • *Cultivation of microalgae strains  
(from 3 microalgae collections)* → ca 400 strains
- *Extraction and screening* → ca 213 extracts
- ★ • *Identification and characterization of antibacterial and  
antibiofilm compounds* → 4 hits
- ★ • *Development of nanoparticles*
- ★ • *Coating and testing prosthetic devices* →
- ★ • *Dissemination and manufacturing*

15 EU Partners

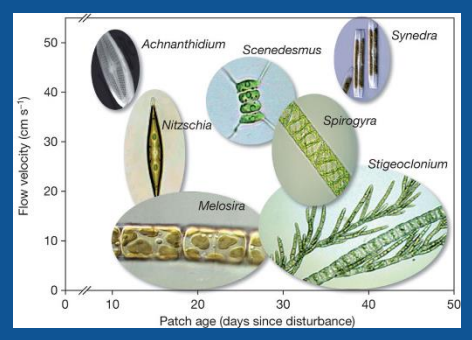
**SME INVOLVED**





**BLUE GROWTH**

Scaling-up  
monocultures  
to 250 L



The confluence of clinical and blue biotechnology objectives in this project will bring about a positive impact in the leadership of EU marine biotechnology industry.