TFDA

Tecniche molecolari nell'analisi dei biofilm biodeteriogeni su opere d'arte

Laboratorio di Botanica e Biologia delle Alghe

Napoli 27 Febbraio 2019

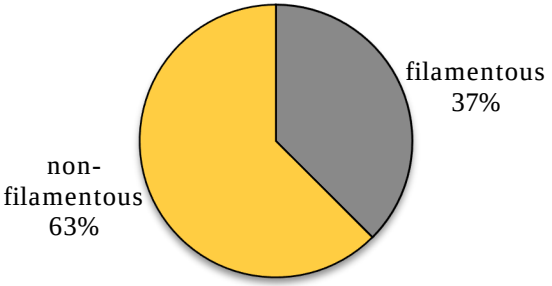
Università degli Studi di Napoli *Federico II*
Dipartimento di Biologia
Laboratorio di Biologia delle Alghe

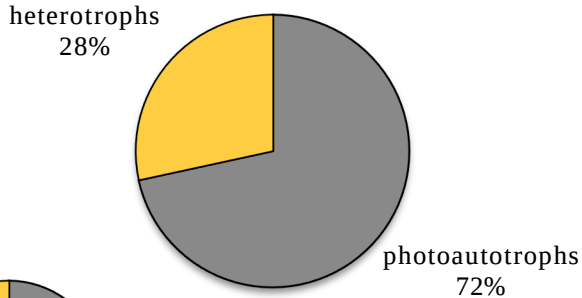
- Prof. Antonino Pollio
- Prof. Gabriele Pinto
- Dr. Antonino De Natale
- Dr. **Angelo Del Mondo**
- Dr. Maria Gioia Petraretti

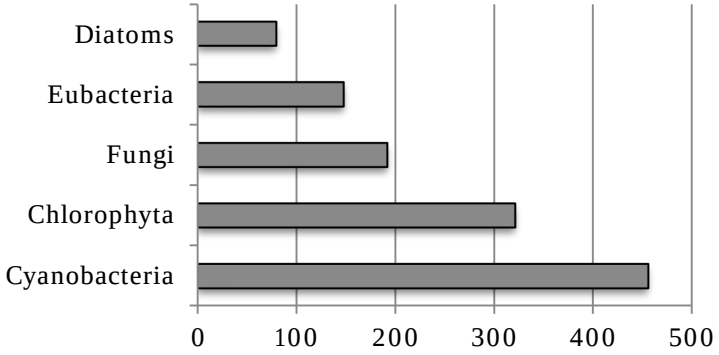
Tematiche di interesse

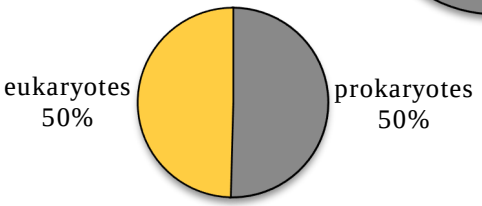
- **Comprensione delle interazioni all'interno dei biofilm**
- **Identificazione molecolare dei microrganismi**
- **Quantificazione dei gruppi tassonomici di interesse**

La grande diversità dei biofilm

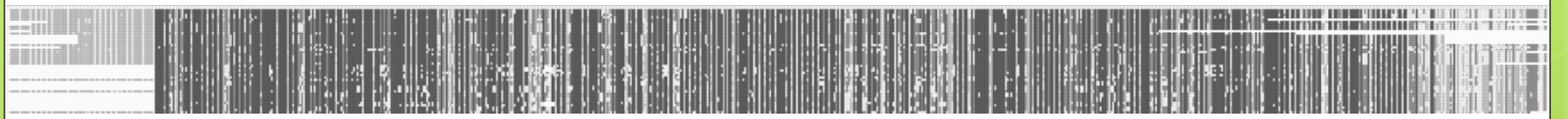


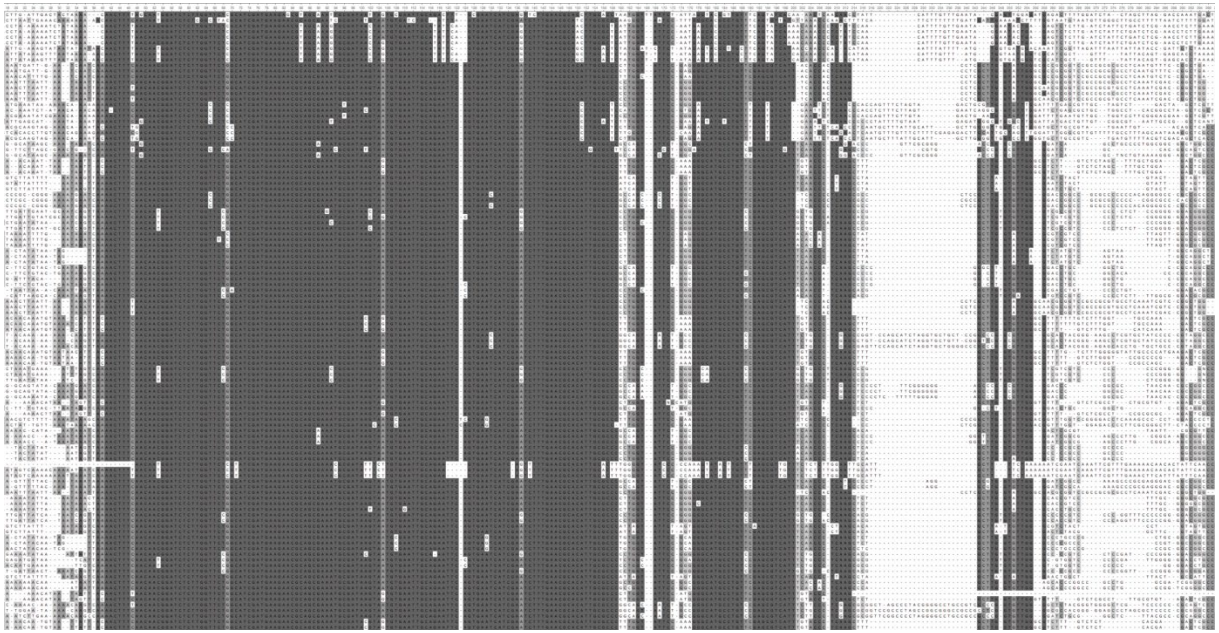




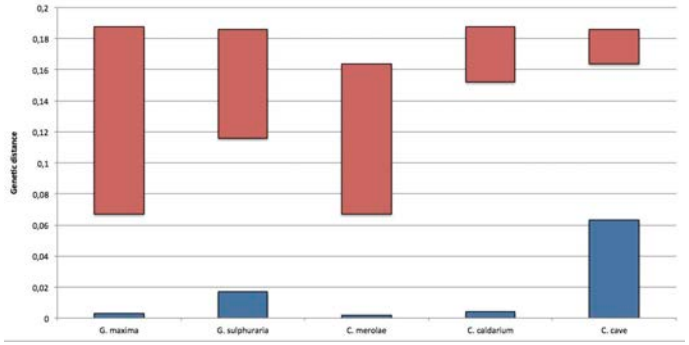


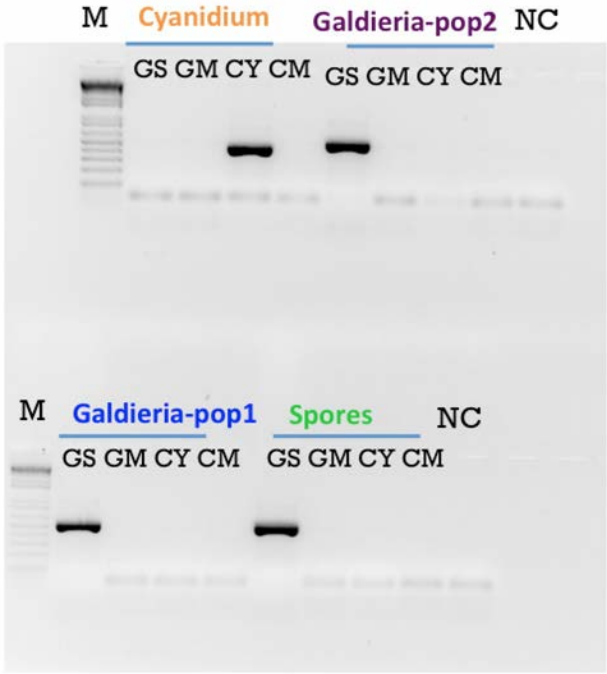
Barcoding genes

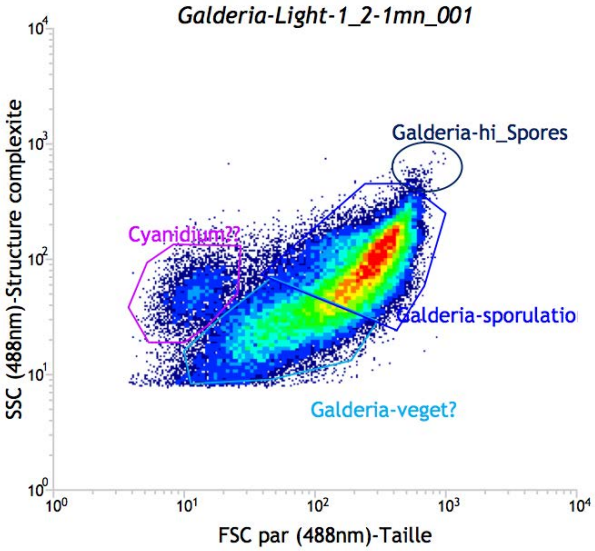


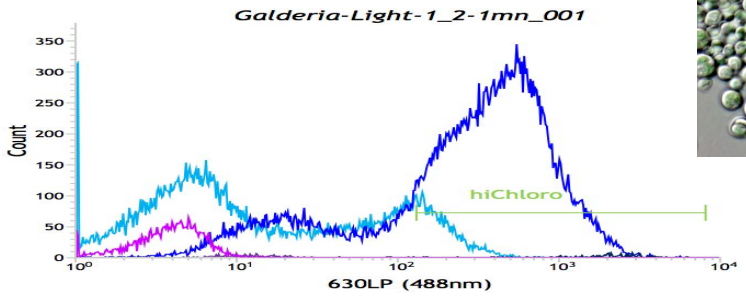


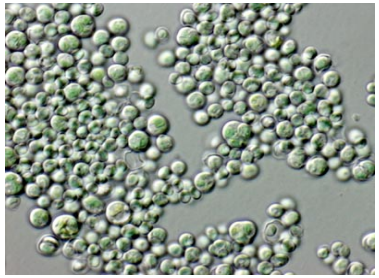
Microbial profiling





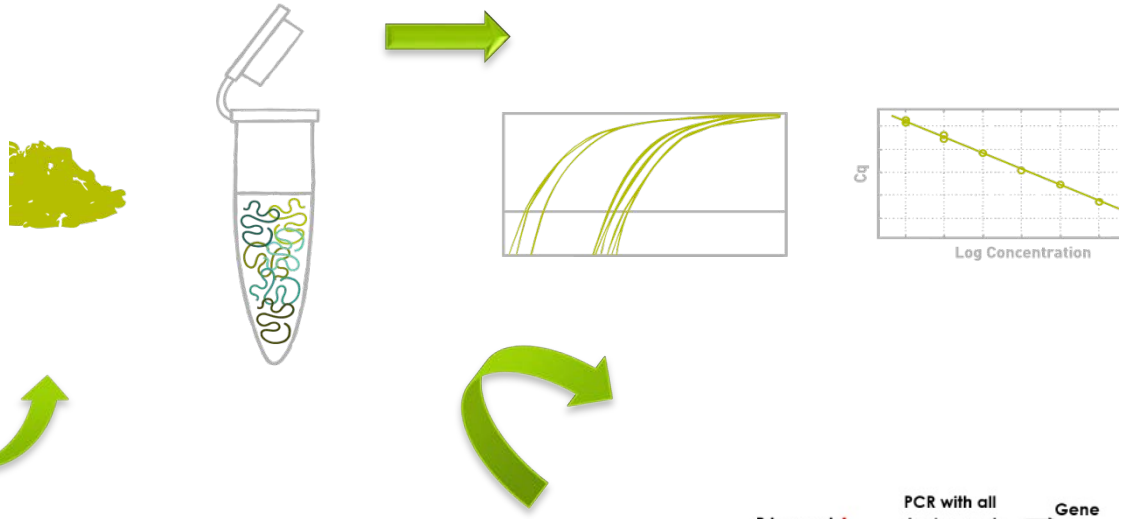


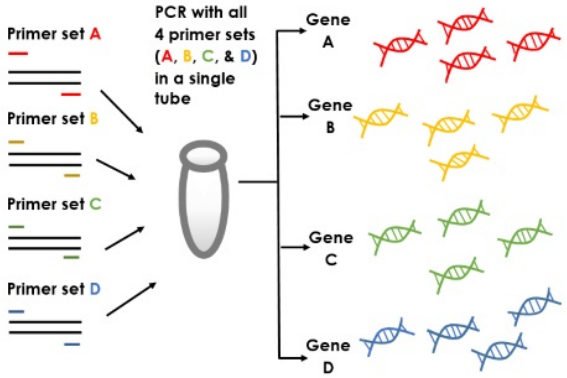


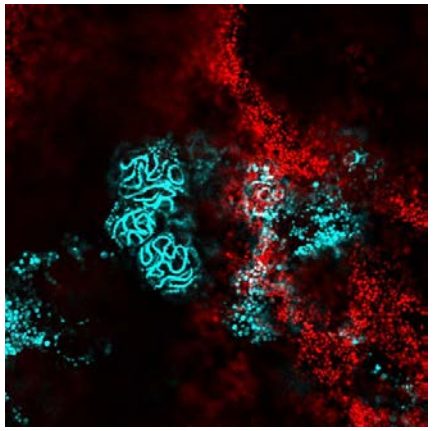


qPCR e applicazioni

1 › 2 › 3





Prospettive

- Microbial profiling di comunità epilitiche
- Seguire l'andamento delle popolazioni microbiche nel tempo per biofilm sintetici
- Studio delle successioni all'interno della comunità microbica