

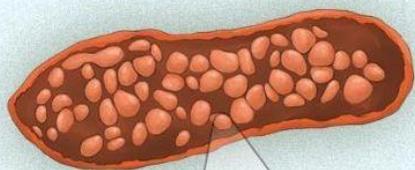
Sun-pumped laser

Pathfinder – challenges 2023

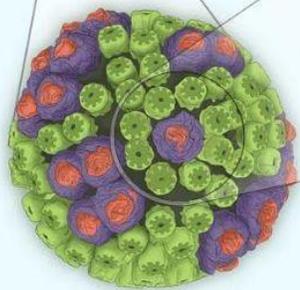
Daniel T. Gryko

Institute of Organic Chemistry PAS

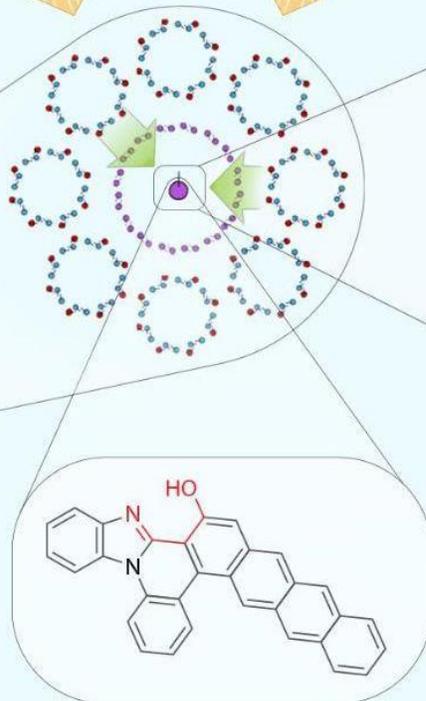
A) RHODOBACTER SPHAEROIDES



B) CHROMATOPHORE

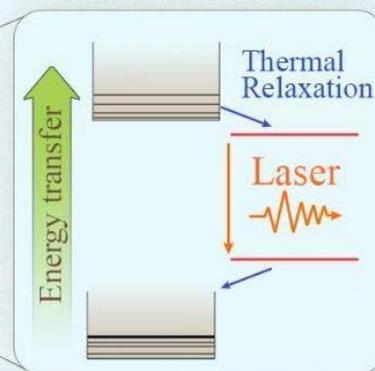


C) PHOTOSYNTHETIC ANTENNA COMPLEX

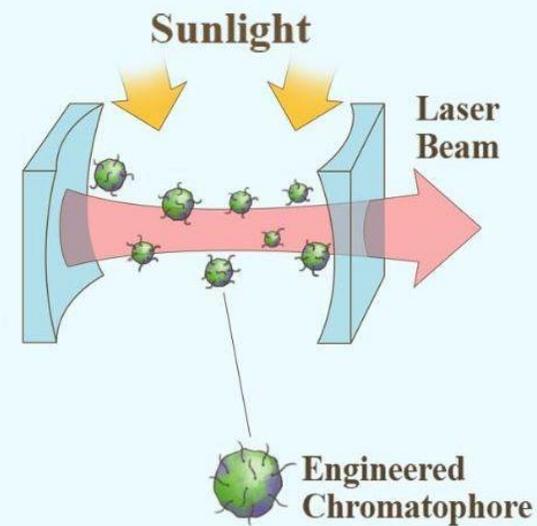


D) ESIPT MOLECULE

Laser Unit



E) SUNLIGHT PUMPED LASER



SUPRAMOLECULAR GAIN MEDIUM (SGM)

Consortium

- University of Florence
- University of Parma
- CNR
- ICHO PAN
- Karlsruhe Institute of Technology
- Technical University Munich
- Max Planck Institute in Erlangen
- Heriot-Watt University Edinburgh

Timeline

- My invited talk in Parma – October 2022 (incidental meeting)
- Series of zoom meetings Florence-Parma-Warsaw
- Adding new partners...
- Electronics or space?
- Very thorough scientific discussion (until June 2023)
- Writing starts in July
- Submission – 20.10.2023

Plan - 1

- Luca downloads template, and inserts all text which he has (20-24.06)
- **Please send Luca all PIC numbers before 20.06**
- Document is shared in Dropbox
- Everybody adds his/her part (25.06-14.07)
- Luca/Alice checks the document (15-19.07)
- Longer zoom meeting (20.07 – 14:00 – 16:00)
- **Fill data in on-line form before 20.07**

THE PLAN - 2

- *Anna 21-24.07*
- *Daniel 25-27.07*
- *Massimo 28-31.07*
- *August – break*
- *Sandra and Renato 1-5.09*
- *Gulia and Mariaangela 6-10.09*
- *Francesco 11-13.09*
- *Alice 14-17.09*
- *Erik 18-20.09*
- *Bruce – 21-23.09.*
- *Zoom-Meeting on 25th of September (3:00 pm)*