# ECOTOXICOLOGIA

## AULA PRÁTICA 3

# Planeamento das Aulas

Aula 1 (02.03) – Início dos testes de ecotoxicologia

**Aula 2 (09.03) – Efeitos do bezafibrato na germinação dos organismos teste**

**(taxas de inibição e constantes de inibição IC50)**

**Aula 3 (16.03) – Marcadores biofísicos de toxicidade I**

Aula 4 (23.03) – Marcadores biofísicos de toxicidade II

Aula 5 (06.04) – Análise Estatística Multivariada e Índices Fotoquímicos (Teórico-Prática)

Aula 5 (13.04) - Marcadores bioquímicos de toxicidade I – Pigmentos vegetais

Aula 6 (20.04) – Marcadores bioquímicos de toxicidade II – Pigmentos Vegetais II

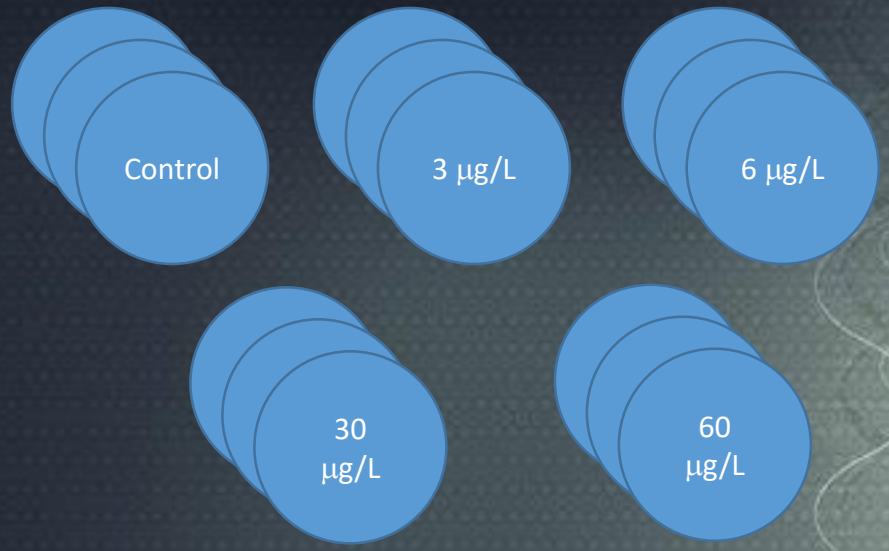
Aula 7 (27.04) - Marcadores bioquímicos de toxicidade III – Dano Membranar

Aula 8 (04.05) – Marcadores bioquímicos de toxicidade IV

Aula 9 (11.05) - Técnicas de extração e análise de metais pesados

Aula 10 (18.05) - Nanotoxicologia

# DELINEAMENTO EXPERIMENTAL



# DEVELOPMENT AND VALIDATION OF BIO-OPTICAL ECOTOXICOLOGICAL TESTS IN MARINE PHOTOTROPHS – PROJECT OPTOX

## MARINE PHOTOTROPH CONTAMINANT EXPOSURE

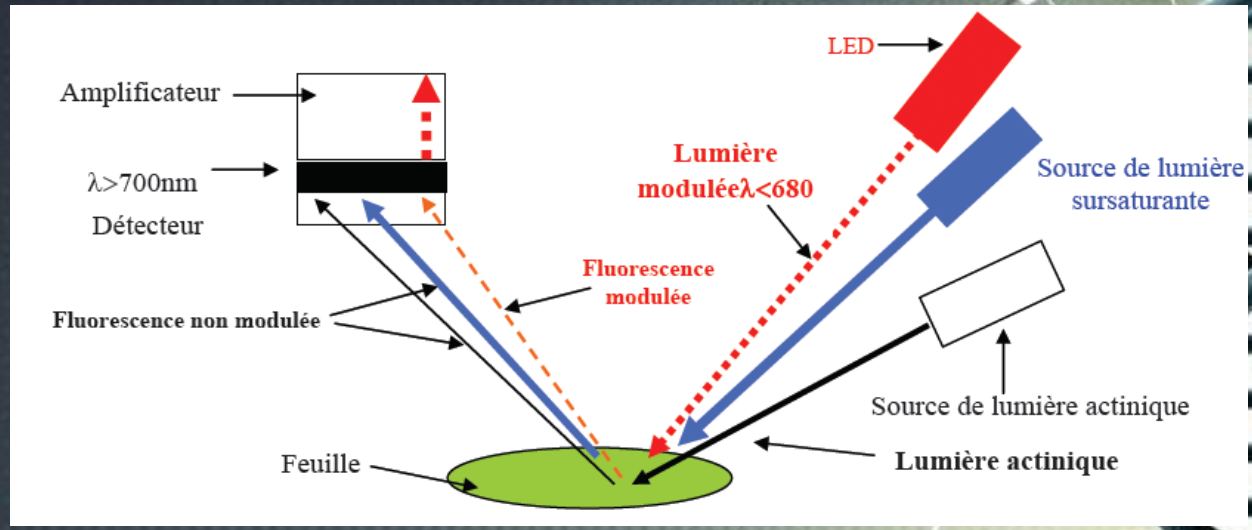
### BIO-OPTICS
- FLUOROMETRY
- LASER
- SPECTRORADIOMETRY

### ECOTOXICOLOGY
- LC
- EC
- BIOMARKERS

### METABOLOMICS
- FTICR

## ARTIFICIAL INTELLIGENCE

# PULSE AMPLITUDE MODULATED (PAM) FLUOROMETRY

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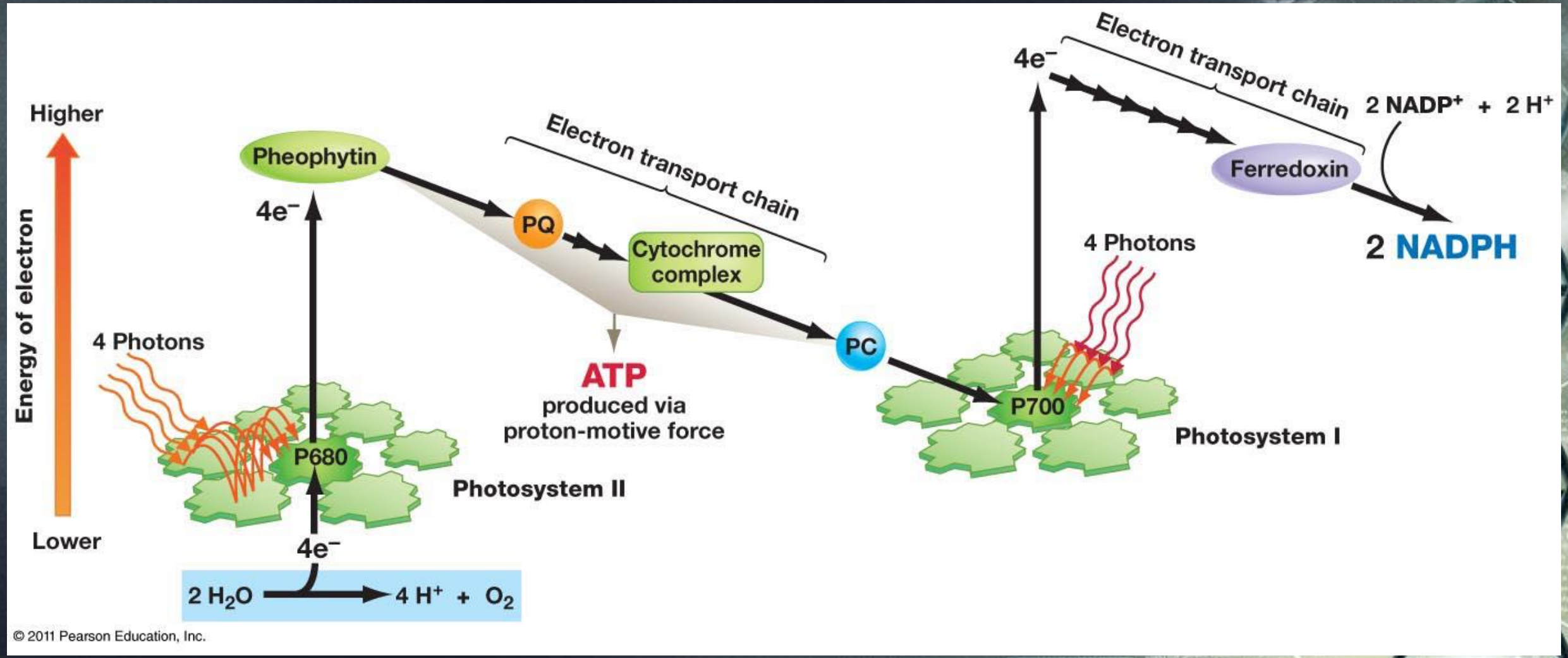

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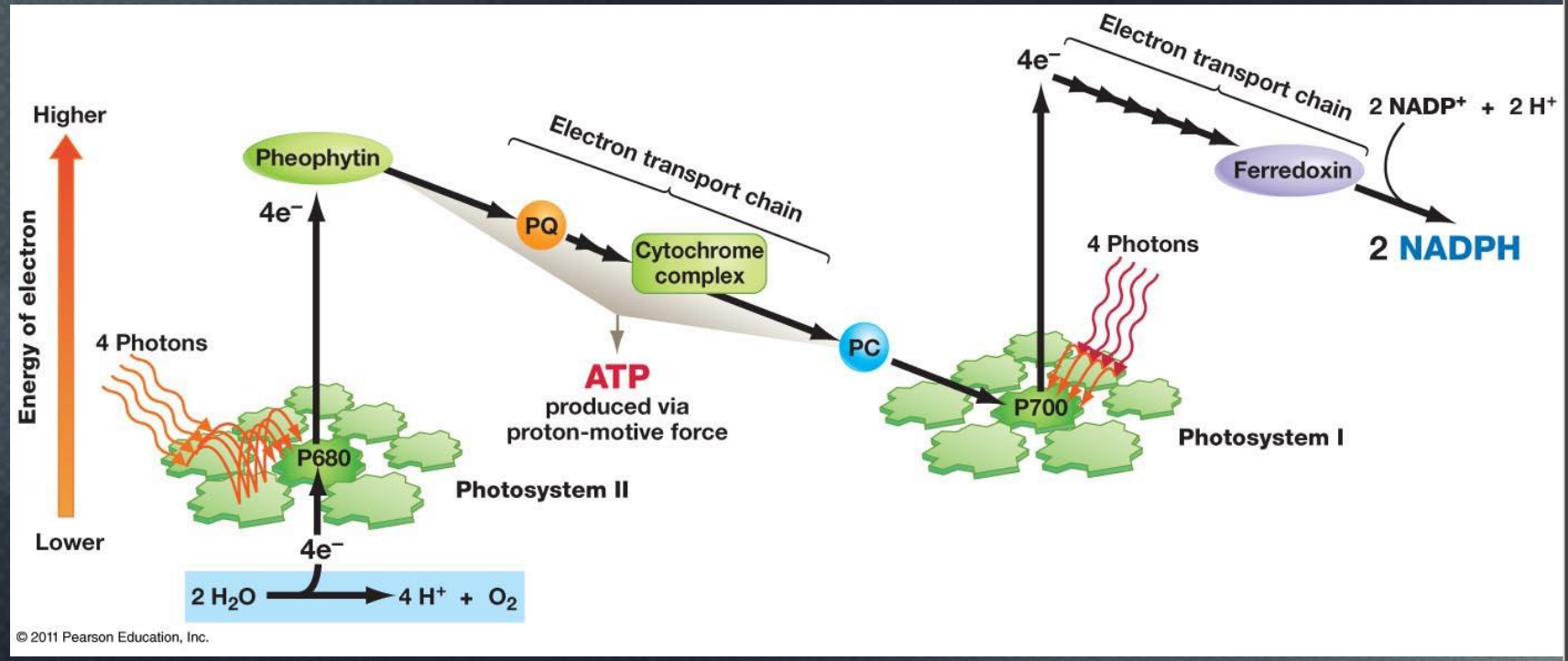


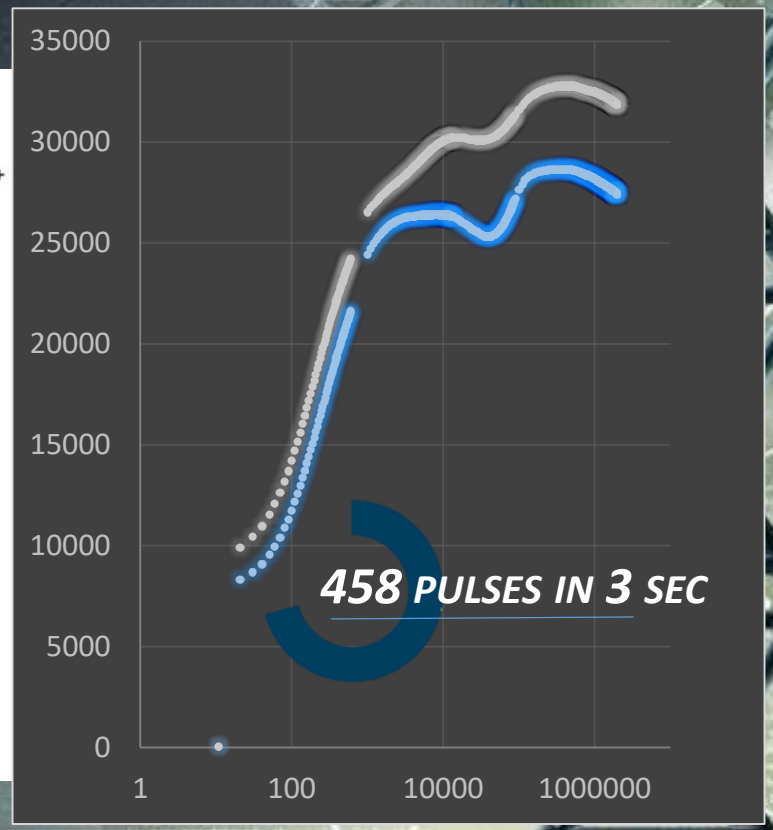

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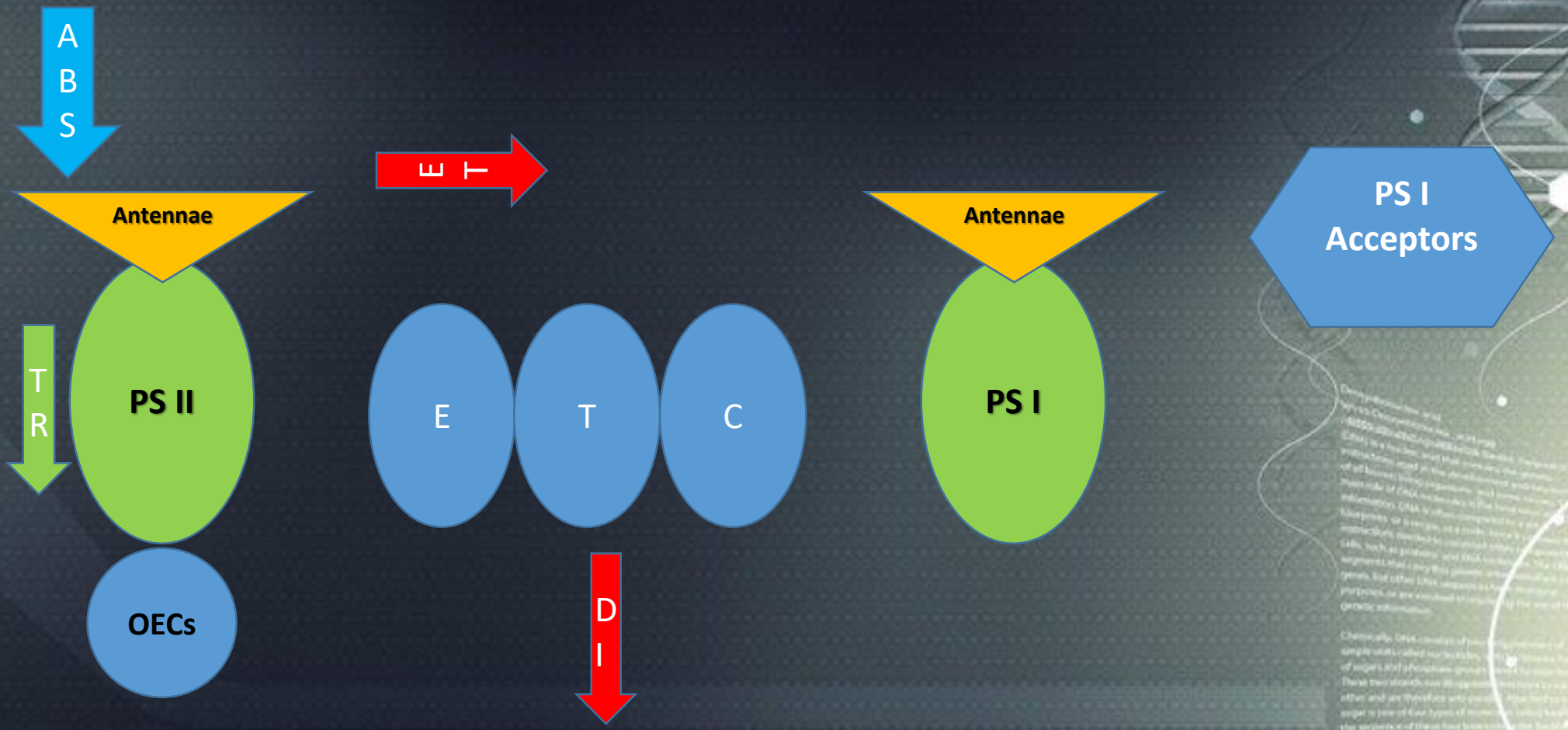

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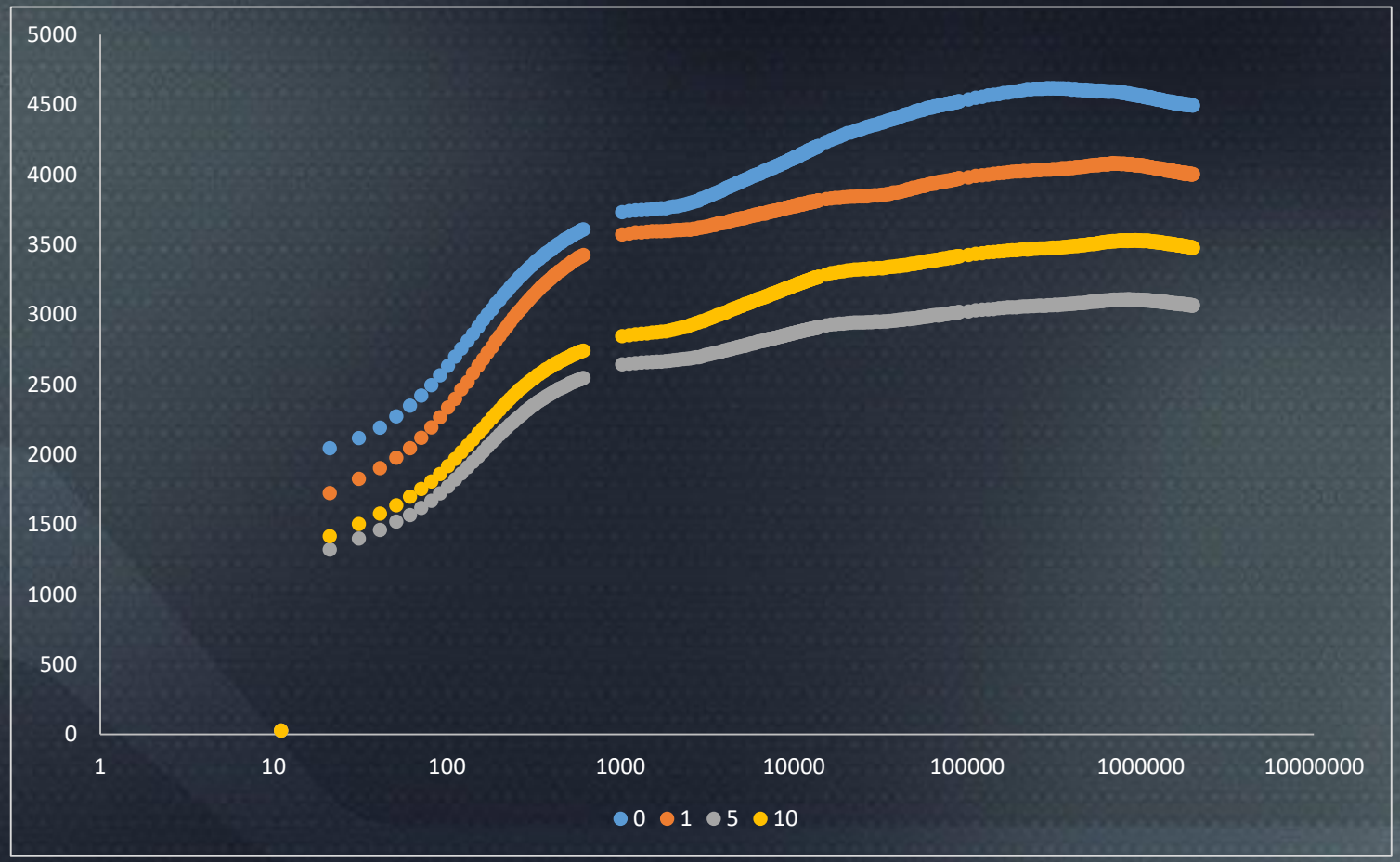
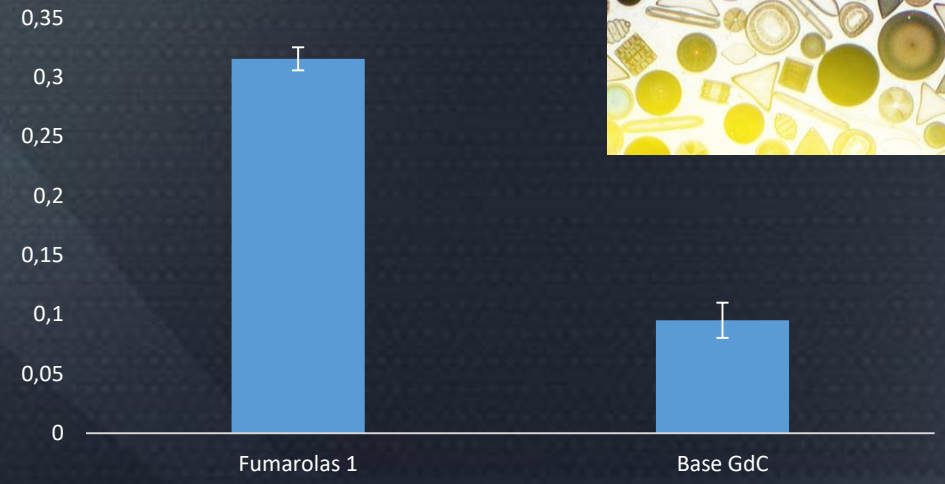


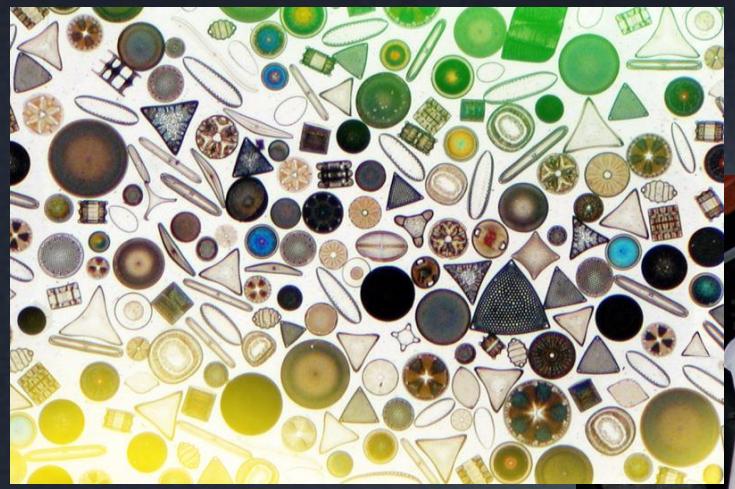
## *PROJECT HG-PLANKTARTIC*

Fundação
para a Ciência
e a Tecnologia

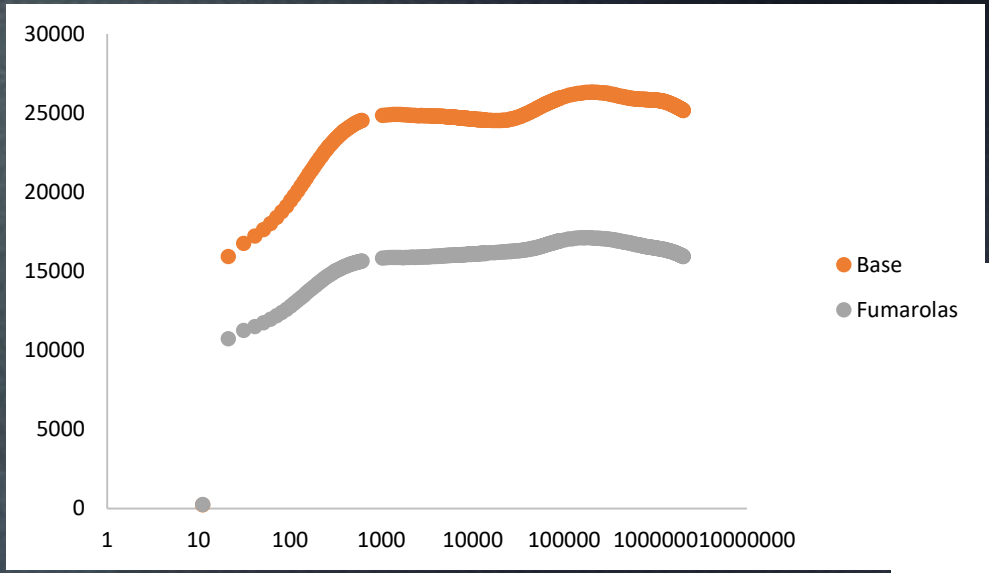
Hg Planktarctic

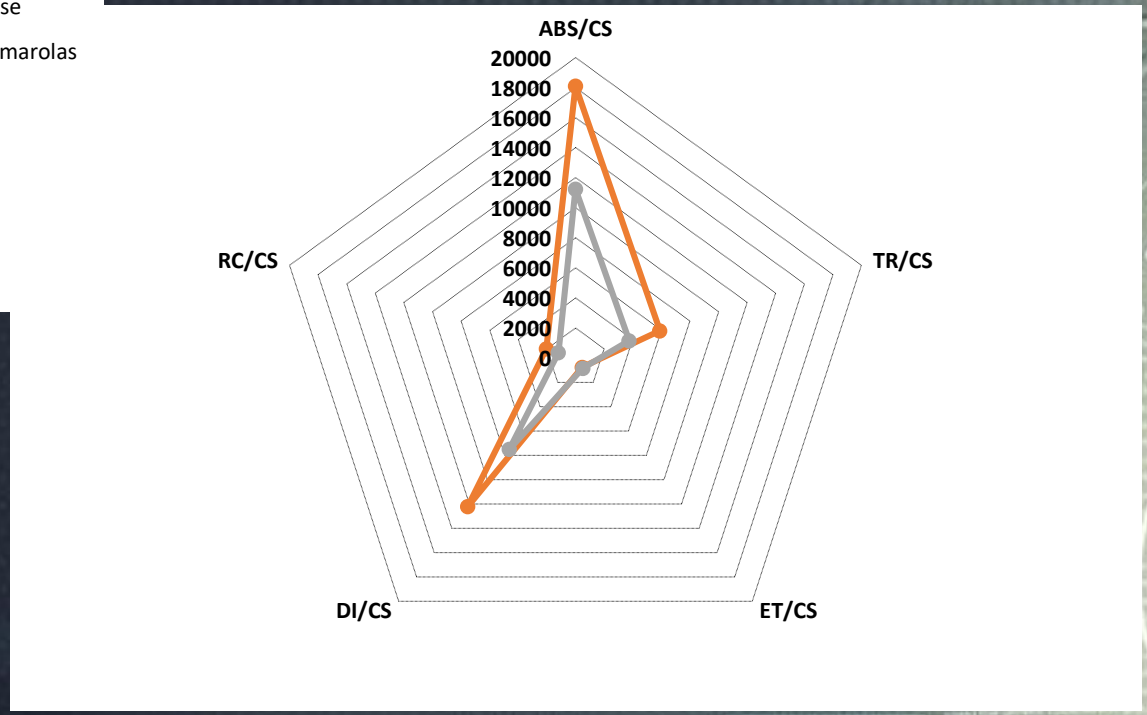
# PROJECT HG-PLANKTARTIC



# PROJECT HG-PLANKTARTIC



# PROJECT HG-PLANKTARTIC