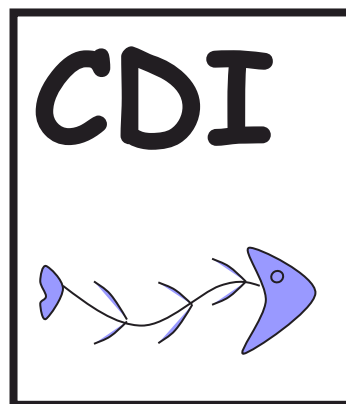


Indicadores de Estrés Acumulativo en Especies de Piscicultura Mediterránea (ESTRESCALE)

José Miguel Cerdá Reverter
Instituto de Acuicultura de Torre de la Sal CSIC

GRUPO DE
CONTROL DE
INGESTA



thinkⁱⁿ azul

This study forms part of the ThinkInAzul programme and was supported by MCIN with funding from European Union NextGenerationEU (PRTR-C17.11) and by *Generalitat Valenciana*



Descripción del Grupo de Trabajo



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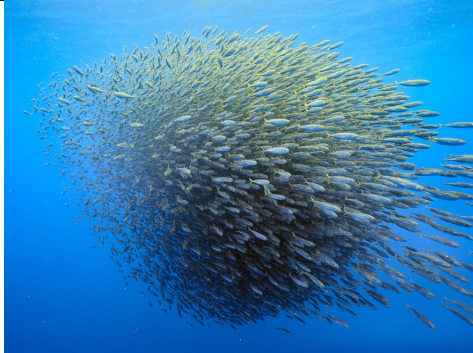
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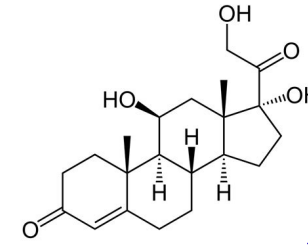
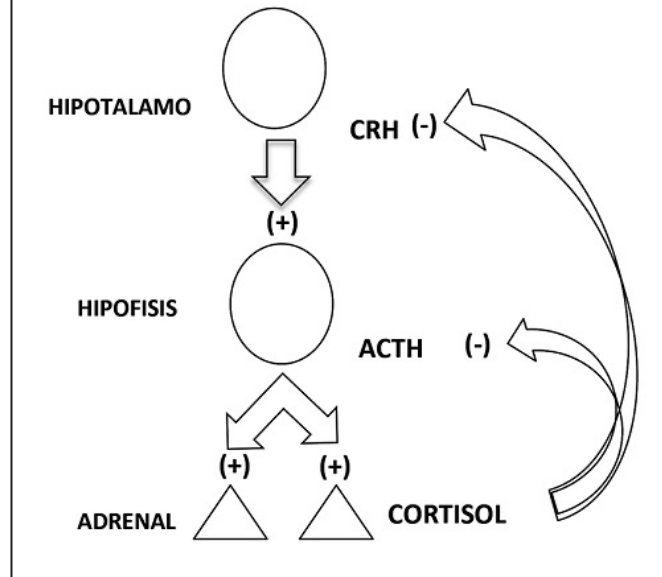
Objetivos y tareas

1) Desarrollo de sistemas de diagnóstico de bienestar animal mediante evaluación de los niveles de estrés crónico en cultivo de especies mediterráneas (dorada, lubina, seriola y corvina)

Aspectos comportamentales

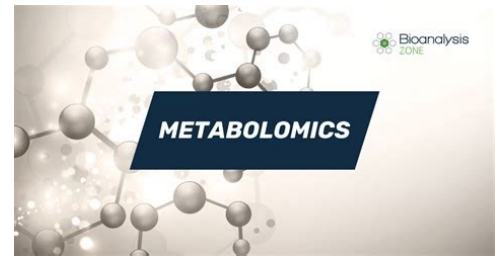


Aspectos fisiológicos

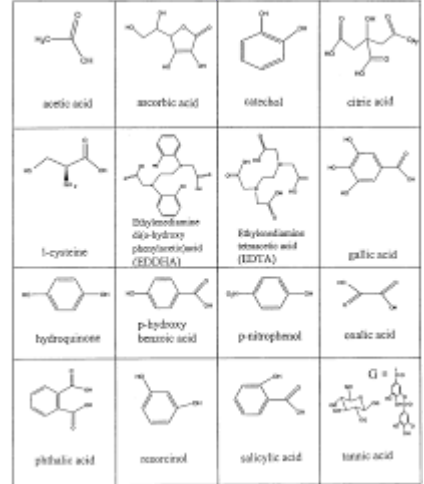


Objetivos y tareas

2) Caracterización de nuevos indicadores de estrés crónico desde muestras obtenidas de forma moderadamente invasiva.



Químico
Social
Fisiológico
Ambiental



















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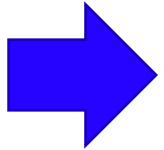
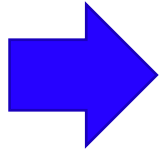


Objetivos y tareas

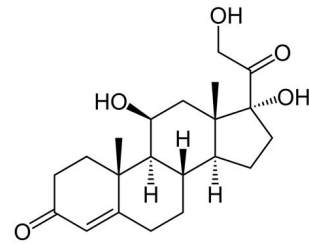
3) Estudio de los efectos paliativos de la inclusión de probióticos dietarios sobre el estrés crónico y el bienestar animal en cultivo de especies mediterráneas.

 acetic acid	 ascorbic acid	 citric acid	 glucuronic acid
 L-cysteine	 Dihydroxyacetone phosphate (DHAP)	 Ethylsuccinate (ETA)	 gallic acid
 hydroquinone	 p-hydroxybenzoic acid	 p-ethylphenol	 oxalic acid
 phthalic acid	 norepinephrine	 salicylic acid	 tartaric acid

Probióticos

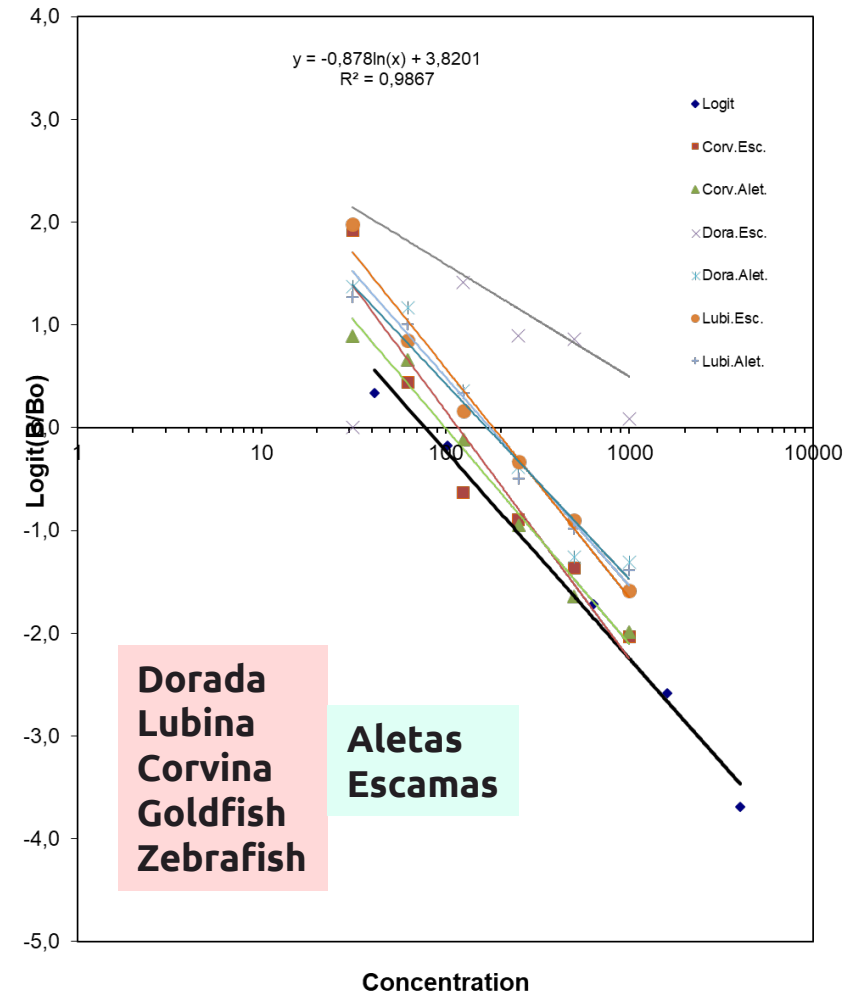


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Resultados obtenidos hasta el momento

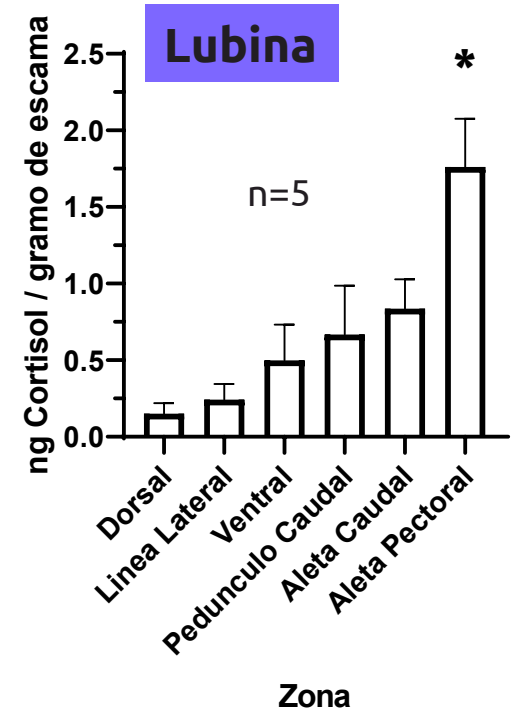
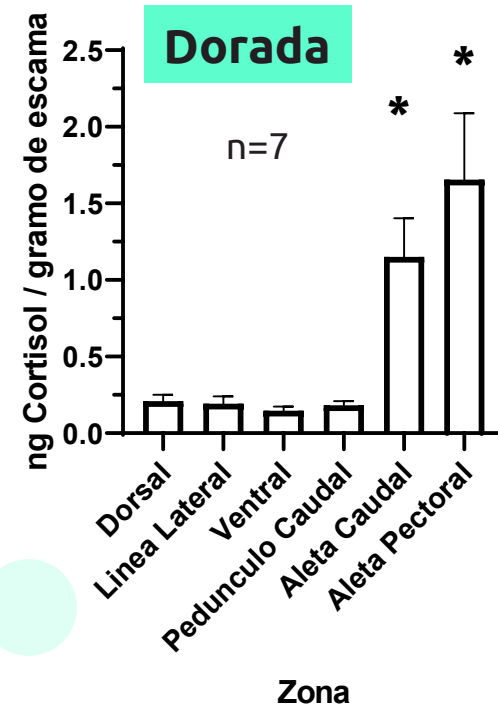
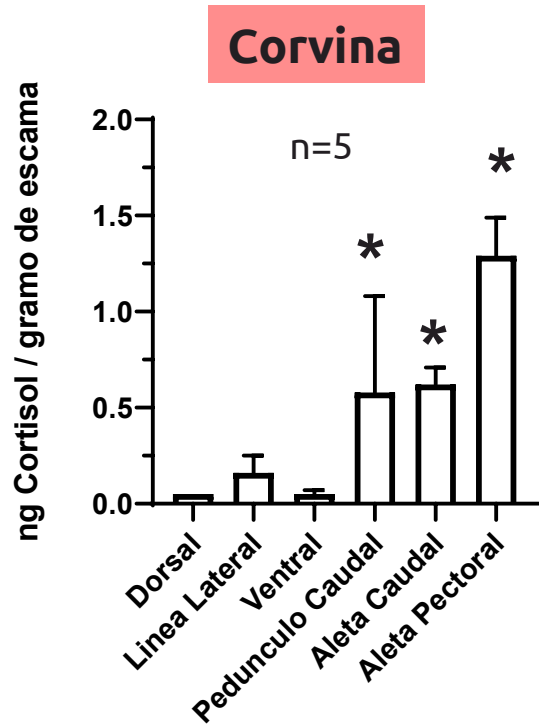
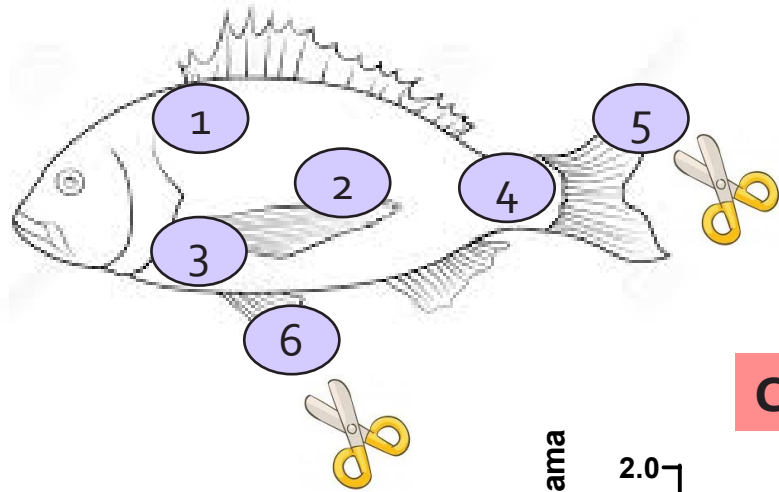
Validación de métodos inmunoenzimáticos para la estimación del cortisol dérmico en diferentes especies de peces



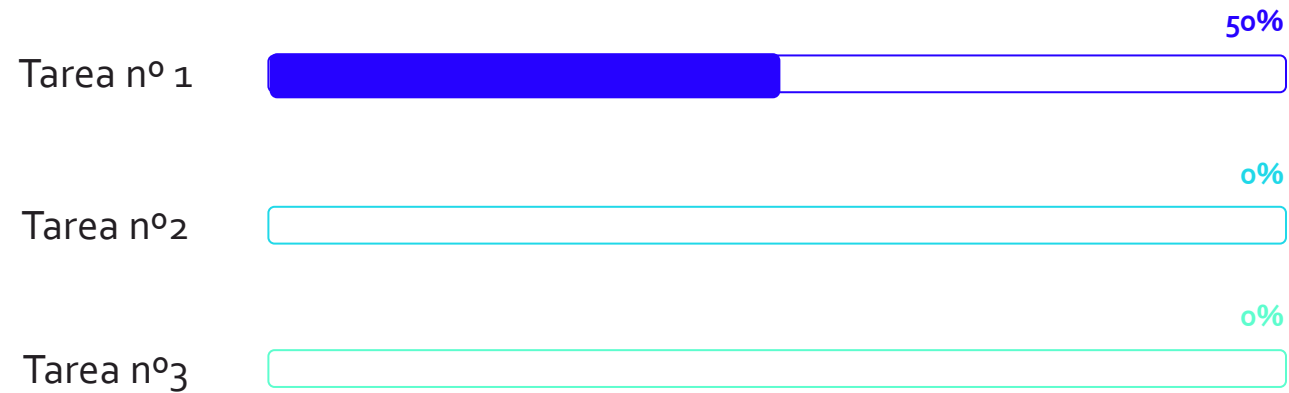
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Resultados obtenidos hasta el momento



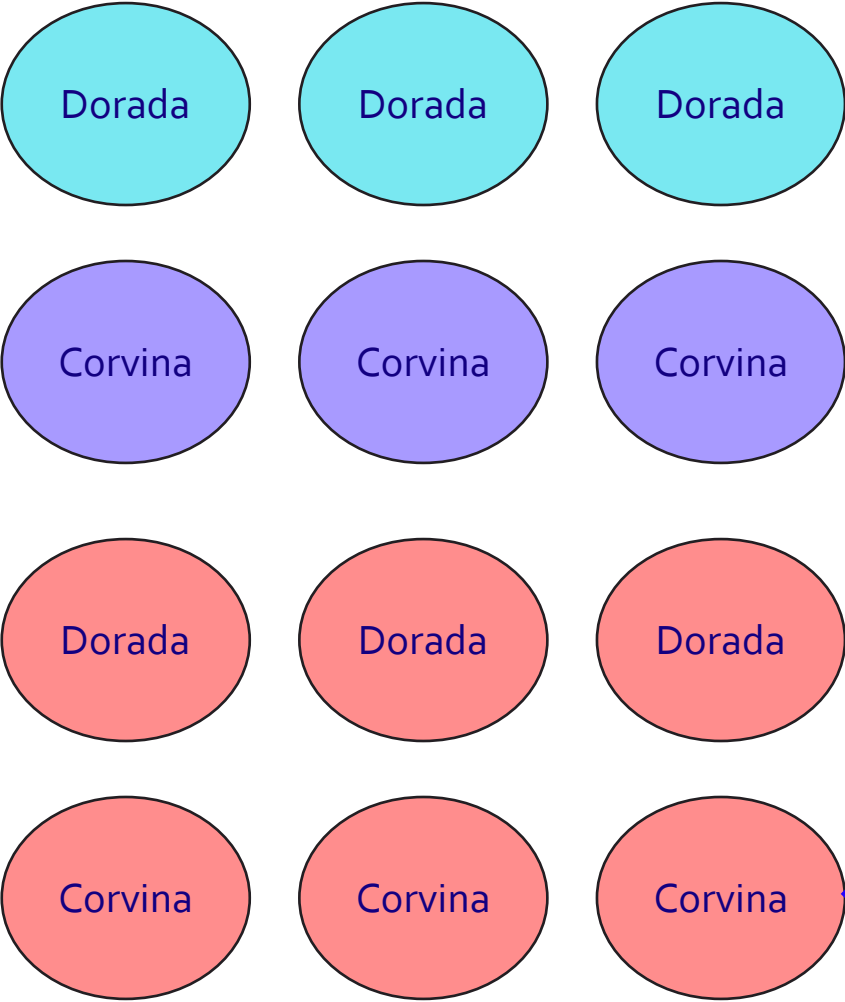
Grado de consecución de las tareas



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Hoja de ruta 6 próximos meses



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We're thinking in azul

Thanks | Gràcies

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