Vibriosis in west med

- Introduction
- The pathogen & target species
- Diagnose
- Treatment
- Prevention
PORTRAIT OF THE MED INDUSTRY
<table>
<thead>
<tr>
<th></th>
<th>European Sea Bass</th>
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<th>Gilthead Sea Bream</th>
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</table>
- Seabass >>>>> meagre > seabream
- *V.anguillarum* O1 (O2, sporadic cases)
- More severe in juveniles, all sizes
- Open sea facilities
- From 14 to 25º C (> temp changes)
- % month mort 1-15%
Diagnosis. Macro ext
Diagnosis. Macro internal
Diagnose

- Epidemiology
- Macroscopic observations
- Microscopic observations
- Microbiology:
  - Biochemical profile
  - Serology (agglutination test)
  - Antibiogram
Vibriosis vs others
Vibriosis vs non infectious diseases

Handling

Vibriosis
Direct plating in blood agar

handling

vibriosis
Prevention & control

• During the outbreak
  – Hygiene (C&D procedures)
  – Optimal treatment
  • In feed antibiotic → dose!! (FLU; OT; SXT vs premix availability)

• Before the outbreak
  – Passive surveillance for early detection
  – Communication between close facilities
  – **Vaccination (Oil vs water based → oral!)**
Thanks for your attention!!