The Industrial- and Aquatic Research Laboratory (ILAB), a foundation established by the Norwegian Government and organized under the University of Bergen
The Aquatic and Industrial Laboratory (ILAB)

- Contract laboratory (est. 1989)
- Shared facilities (used by commercial companies and public departments)
- >200 trials each year
- Production of experimental fish
  (~ 100 000 pcs. each year)
- Continuous production of parasites:
  - Salmon lice, *Lepeophtheirus salmonis*
  - *Paramoeba perurans*, amoebic gill disease, AGD
Process controlled activity
ISO 9001:2015
Salt- and freshwater inlet:

• Saltwater from 110 m depth
• 3 km distance from facility
• 20 µm filters and UV

• Freshwater from same water source that supplies Bergen with drinking water
• ILAB own pipe line since 2008
• 2 km distance from facility
ILAB - Freshwater:
ILAB - Ground floor:

Facility plan ILAB, ground floor.
ILAB - Marineholmen Research Park:

Aqua facilities:
- Production of experimental fish
- VACCINE TESTING
  - Safety tests
  - Potency tests
- FEED TRIALS
- SEA LICE TRIALS

Disease facilities:

CHALLENGE EXPERIMENTS
- Strict sanitary barriers
- All agents allowed (also GMO)
- All outlet water is disinfected

CAPACITY
- Temperature range: 4-30 °C
- Salinity: 0-34 ppt
- > 240 units and 120 water qualities
- > 200 trials per year
- ~ 1.500 lice egg strings per year
- ~ 370,000 copepodits per year
- ~ 1.900 psc pre-/adult lice per year
- ~ 20 mill. amoebic cells per year
Production of experimental fish since 2011

- ~100 000 each year
- Brought in as eyed-eggs and hatched at ILAB
Salmon lice – facility:

Salmon lice hatchery

‘In vitro’ – studies / bioassays

‘in vivo’ - studies

We sell egg strings, copepodites and preadult / adult stages of salmon lice
Amoebic gill disease (AGD) experiments:

‘in vitro’ - studies

‘in vivo’ - studies
Please visit us on website:

WWW.ILAB.NO