Position: Head of Aquaculture (Full-time)
Blue Planet Ecosystems
Vienna, Austria

Blue Planet Ecosystems (BPE for short) is a venture-backed company based in Vienna, Austria developing automated and self-sustaining aquaculture systems (for more details: www.blueplanetecosystems.com). Our goal is to produce a system called LARA (Land-based Automated Recirculating Aquaculture) in which a natural ecosystem consisting of phytoplankton and zooplankton is used to feed fish and mitigate water quality. The phytoplankton grows using the sun and the recirculated nutrient-rich wastewater coming from the fish. After reaching the carrying capacity a portion of the algae is transported to the zooplankton for feed. The process then repeats for the zooplankton which is transferred to the fish to eat. The waste from the fish is then pumped back to the algae thus creating a closed loop ecosystem.

Job description

As head of aquaculture, you will be part of the Biology division and oversee all the work related to fish farming. Your main tasks will be:

- Establishment of SOPs and protocols for all the fish related work.
- Maintenance and management of our Zebrafish mini facility.
- Establish fish production, feeding and harvesting cycle in our Recirculating Aquaculture Systems (RAS).
- Maintenance and management of RAS systems (feeding cycle, water quality monitoring, etc.).
- Assist in design and engineering of prototypes.
- Participate in R&D projects in collaboration with the Biology and/or Data Science and/or Engineering divisions (from experimental design to system engineering).
- Point of contact for aquaculture equipment and feed suppliers.

Your profile

- Autonomous, rigorous, dynamic, flexible and goal oriented.
- Degree in Aquaculture, Fish nutrition or related field.
- Training and experience in recirculating aquaculture.
- Experience with RAS system design, maintenance and operation.
- Knowledge of state-of-the-art technology in RAS.
- Experience with Tilapia and/or Zooplankton and/or Algae is an asset.
- Good Knowledge of MS Office and Google Suite.
- Ability to communicate in English.
- Autodesk or SketchUp skills are an asset.
- Willingness to travel to conferences or collaborator sites.
- Weekend work might be required from time to time.

Apply if you have a strong interest in food security and want to help the development of high-tech, modular and sustainable aquaculture systems. Salary will be in accordance to qualifications and experience.

If you are interested send your CV at the following address: thomas@blue-planet-ecosystems.com