

Scientist, Cell Biology/Electrophysiology

San Diego

Firmenich SA

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Qualifications

- PhD in chemosensory-related fields with 2+ years of post-doctoral academic or industry research experience.
 - Proficient in biochemical, molecular, and/or cellular biology techniques relevant to assay development, assay implementation and high throughput screening (HTS) approaches
 - Proficient in receptor/ion-channel pharmacology and related ligand chemistry
 - Strong skillset in linking odorant receptor/gustatory receptor/ion-channel pharmacology to behavioral outcomes. Expertise in cell-based assay development, high-throughput screening methods and medicinal chemistry approaches
 - Specific background in insect olfaction/ion channel experience are greatly encouraged to apply and will be given preference. Broader experience in olfactory biology, sensory neuroscience and computational data processing would be an advantage.
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Description

Understanding the receptors and how is triggered the perception is a fundamental work to comprehend the chemical ecology of arthropods. The candidate will:

- Contribute to the identification and validation of relevant biological targets for insect control and other applications
- Develop specific cell lines and cell-based assays with validated target to support HTS operations
- Run HTS screens and support hit-to-lead optimization
- Communicate results cross teams and identify potential collaborative synergies
- Maintain up-to-date awareness of relevant knowledge and technologies.
- Continually identify opportunities to improve current procedures, protocols, and systems.
- Participate in data interpretation and information sharing with the wider research team.
- Present results at team and department meetings, and at external scientific conferences.
- Write manuscripts of scientific results and submit for publication in top-rated, peer-reviewed journals, patent applications, and/or internal company reports

Submit applications and further questions to:

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