

Resource Summary Report

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Starlab

RRID:SCR_005551

Type: Tool

Proper Citation

Starlab (RRID:SCR_005551)

Resource Information

URL: <http://www.starlab.es/>

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Description: Starlab's mission is to transform science into technologies with a profound and positive impact on society. We achieve this by identifying social needs and the market opportunities they create. Then we reach to science and engineering to propose or provide technical solutions, products and services for governments, industry and downstream markets. Starlab Research carries out interdisciplinary R&D focusing on two areas: Space and Applied Neuroscience. Our vision is to make science more useful, alive, vibrant, faster. Our staff consists of a team of scientists, engineers and economists from different nationalities working together to provide our clients with breakthrough technologies that create business opportunities. The growing Starlab team (now more than 28 on staff) includes 5 nationalities spanning knowledge in physics, engineering, oceanography, computer science, neuroscience and economics. Circa 50% of our staff have a PhD, and more than 80% a Master or PhD. We target technology and applications: the development of new sensors and efficient algorithms to extract information from data, identification of platforms and deployment opportunities, as well as the development of services and products. Interdisciplinarity is a key aspect of our research. Space R&D develops payloads, algorithms and mission feasibility studies. We have demonstrated experience in GNSS technologies, radar altimetry and space astronomy. Earth Observation applications include technologies such as GNSS-R, SAR and multi-spectral analysis for environmental and energy applications. We have demonstrated expertise in the development of innovative sensors and systems in both the Space and Applied Neuroscience areas, signal-processing algorithms, with a strong specialization in electrophysiology algorithms, software and hardware. It will also manage the project and prospect potential commercial impact.

Abbreviations: Starlab

Synonyms: Starlab - Living Science, Starlab - Where science turns into the technologies of the future

Resource Type: commercial organization

Keywords: neuroscience, space

Resource Name: Starlab

Resource ID: SCR_005551

Alternate IDs: grid.32517.32, nlx_144642

Alternate URLs: <https://ror.org/040cxgs87>

Record Creation Time: 20220129T080231+0000

Record Last Update: 20260801T190255+0000

Ratings and Alerts

No rating or validation information has been found for Starlab.

No alerts have been found for Starlab.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 99 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Corse E, et al. (2025) Environmental DNA illuminates the darkness of mesophotic assemblages of fishes from West Indian Ocean. PloS one, 20(5), e0322870.

Přáda Brichtová E, et al. (2025) Effect of Lipidation on the Structure, Oligomerization, and Aggregation of Glucagon-like Peptide 1. Bioconjugate chemistry, 36(3), 401.

Costantini PE, et al. (2025) Phage-Templated Synthesis of Targeted Photoactive 1D-Thiophene Nanoparticles. Small (Weinheim an der Bergstrasse, Germany), 21(1), e2405832.

Marino A, et al. (2025) Aging and diet alter the protein ubiquitylation landscape in the mouse brain. Nature communications, 16(1), 5266.

Kiy RT, et al. (2024) Assessing the mitochondrial safety profile of the molnupiravir active metabolite, 2'-d-N4-hydroxycytidine (NHC), in the physiologically relevant HepaRG model. Toxicology research, 13(1), tfae012.

Lamberti O, et al. (2024) Female genital schistosomiasis burden and risk factors in two endemic areas in Malawi nested in the Morbidity Operational Research for Bilharziasis

Implementation Decisions (MORBID) cross-sectional study. PLoS neglected tropical diseases, 18(5), e0012102.

Bartolome A, et al. (2024) Quantitative mapping of proteasome interactomes and substrates using ProteasomeID. eLife, 13.

Carrasco S, et al. (2024) Enhancing Alginate Hydrogels as Possible Wound-Healing Patches: The Synergistic Impact of Reduced Graphene Oxide and Tannins on Mechanical and Adhesive Properties. Polymers, 16(8).

González L, et al. (2024) Innovative Approach to Accelerate Wound Healing: Synthesis and Validation of Enzymatically Cross-Linked COL-rGO Biocomposite Hydrogels. Gels (Basel, Switzerland), 10(7).

Madsen MD, et al. (2024) Scald resistance in hybrid rye (*Secale cereale*): genomic prediction and GWAS. Frontiers in plant science, 15, 1306591.

Stevens AR, et al. (2024) Implantable and transcutaneous photobiomodulation promote neuroregeneration and recovery of lost function after spinal cord injury. Bioengineering & translational medicine, 9(6), e10674.

Tamanna SS, et al. (2024) Early-Branching Cyanobacteria Grow Faster and Upregulate Superoxide Dismutase Activity Under a Simulated Early Earth Anoxic Atmosphere. Geobiology, 22(6), e70005.

Pissas KP, et al. (2024) Functional expression of the proton sensors ASIC1a, TMEM206, and OGR1 together with BKCa channels is associated with cell volume changes and cell death under strongly acidic conditions in DAOY medulloblastoma cells. Pflugers Archiv : European journal of physiology, 476(6), 923.

Saldanha I, et al. (2024) Caught in a trap: DNA contamination in tsetse xenomonitoring can lead to over-estimates of *Trypanosoma brucei* infection. PLoS neglected tropical diseases, 18(8), e0012095.

Schinagl CW, et al. (2023) Growth, morphology, and formation of cinnabarin in *Pycnoporus cinnabarinus* in relation to different irradiation spectra. Photochemical & photobiological sciences : Official journal of the European Photochemistry Association and the European Society for Photobiology, 22(12), 2861.

Wong CW, et al. (2023) PARP14 inhibition restores PD-1 immune checkpoint inhibitor response following IFN γ -driven acquired resistance in preclinical cancer models. Nature communications, 14(1), 5983.

Hammerle F, et al. (2023) Highlighting the Phototherapeutical Potential of Fungal Pigments in Various Fruiting Body Extracts with Informed Feature-Based Molecular Networking. Microbial ecology, 86(3), 1972.

Pani S, et al. (2023) Immunometabolism Modulation by Extracts from Pistachio Stalks Formulated in Phospholipid Vesicles. Pharmaceutics, 15(5).

Retter A, et al. (2023) From the Mountain to the Valley: Drivers of Groundwater Prokaryotic Communities along an Alpine River Corridor. Microorganisms, 11(3).

Pissas KP, et al. (2023) Functional characterization of acid-sensing ion channels in the cerebellum-originating medulloblastoma cell line DAOY and in cerebellar granule neurons. *Pflügers Archiv : European journal of physiology*, 475(9), 1073.