



## Now Hiring – R&D Scientist or Senior Scientist - Bioengineering and Transfection Platform Development - San Diego

Basilard BioTech, Inc. is building a Southern California-based team eager to drive the development and commercialization of our *Celletto™* transfection platform. *Celletto™* is a disruptive ex-vivo gene delivery solution that improves upon the low performance of prevailing gene / genome-editing methods by offering an unequaled opportunity for delivery of large cargos with high efficiency and viability through precisely controlled mechanoporation. The *Celletto™* platform's scalable microfluidic architecture is poised to transform the exponentially growing ex vivo cell and gene therapy (CGT) market with a lower overall cost, and higher overall performance.

We are seeking an entrepreneurially minded, highly motivated individual who can help lead the development of transfection components, protocols and applications for the *Celletto™* platform. The ideal person embraces being part of a new growth focused organization from the ground floor and strives to succeed in a fast-paced, fulfilling, and dynamic startup environment with high growth potential. Experience or familiarity with non-viral gene delivery strategies involving surface chemistry modification, biomimetic polymers, electroporation, nanoparticles, etc. is highly desirable. Experience with instrumentation development and validation generally, and microfluidics-based instrumentation specifically, is desirable (but not required), as is experience in a successful early-stage startup. The ideal candidate will have hands-on experience in non-viral or viral gene delivery for cell engineering and be familiar with aspects of process/platform development. You are an innovative and nimble problem solver and entrepreneur that thinks out of the box but remains critically focused on what needs to be done to advance the platform and create success.

### Initial Responsibilities

- Lead the experimental design and conduct of internal transfection protocol development programs for varying ex vivo CGT applications.
- Support external evaluation activities with strategic partners.
- Support next-generation platform development.

### Requirements

- Excellent oral and written communication skills, as well as outstanding analytical, data analysis and organizational skills.
- Ph.D. in Bioengineering, Cellular & Molecular Biology, Immunology, Pharmacology or related fields (M.S. with significant relevant industry experience is acceptable). Experience in an intensive applied R&D environment is highly desirable as is experience in process/platform development.
- Hands-on experience in non-viral and viral cell engineering and associated analysis. Experience with iPSC, T cells, NK Cells, HSC is a plus.
- Highly skilled in cell culture, FACs, fluorescence microscopy, and cell characterization. Experience in qPCR and next-generation sequencing is a plus.
- Ability to function as both an effective team player and strong individual contributor and champion.
- Self-driven, flexible, pragmatic, and able to handle multiple tasks and deliver high quality results under tight timelines.

### Compensation

Initial compensation plan includes base salary and typical benefits. Actual Job title and associated compensation will be based upon the candidate's education and experience.

Basilard is a seed-stage startup company that relies upon individual innovation and self-motivation. Teamwork and a get-it-done spirit are essential in a startup environment. It should be assumed that the candidate, along with everyone else in the company, will assume multiple responsibilities and be expected to contribute in many areas outside of their particular area of responsibility. Come grow with us and be rewarded for playing a major role in a dynamic disruptive technology company on the leading edge of the CGT market.

Please direct all enquiries to: James Onuffer, CSO Basilard BioTech, Inc. [jamesonuffer@basilardbiotech.net](mailto:jamesonuffer@basilardbiotech.net)