



Client is in the semiconductor industry by developing strategic competencies, innovative technologies and intellectual property; enabling enterprises to be technologically competitive; and cultivating a technology talent pool to inject new knowledge to the industry.

Senior Research Engineer – Patch Clamp

This position involves developing microfluidic technology for drug discovery. The technology will deliver silicon-based microfluidic chips that can automate the conventional patch clamp method and become a commercial product in pharmaceutical industry for high-throughput screening of drugs against cellular ion channels. Main responsibility will be the characterization of microfluidic chips in patch-clamp experiments. The candidate may also get involved in other aspects of the project such as design, simulation, and fabrication of the chips.

Requirements:

- PhD Degree in the patch-clamp electrophysiology or related field
- Hands-on skills in the patch-clamp experiments is a must
- Knowledge of silicon micro-fabrication, MEMS, and/or microfluidics would be an advantage
- Excellent communication skills and teamwork with strong self-motivation

Interested candidates are invited to submit your latest updated resume stating your availability of employment, current, achievements and expected salary to Adrian Collin Png at: adrian@collincrawford.com