

# Postdoc - Cardiac Cell Electrophysiology

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### Job description

Summary of Essential Job Duties:

The laboratory of Dr. Hee Cheol Cho, PhD, at the Cedars-Sinai Heart Institute in Los Angeles has an opening for a postdoctoral fellowship to pursue mechanistic studies of cardiac cell physiology. The goal of this NIH-funded research is to identify key regulatory components of the pacemaker cell specification and electrophysiology. Relevant experience include biophysics, cellular electrophysiology and small animal models of arrhythmia. Two model systems are being used for investigation: 1) primary cardiomyocytes isolated from small animal heart and 2) cardiomyocytes derived from pluripotent stem cells (embryonic or induced).

The successful candidate will be highly motivated and well-organized.

Key words: Heart, Cardiac Conduction System, Biophysics, Electrophysiology

### Qualification Requirements/Preferences:

#### Education Certifications/Licensure Experience Physical Abilities

Educational Requirements:

PhD or MD from an accredited institution.

Prior experience in research preferred. Ability to work effectively independently.

Experience:

Knowledge of Microsoft Word, Excel and other Windows-based software.

Experience in laboratory research and federal grant proposal development and grant submission in area of basic research.

Ability to work independently. Good communication (in English) and interpersonal skills.

Physical Requirements: Sitting, standing, and repetitive use of hands with laboratory equipment.

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