

Senior Automation Engineer, High-Throughput Screening

Job ID
REQ-10078226

5月 27, 2026

USA

Available in: English

摘要

The high-throughput biology group in Novartis San Diego is seeking a technologically oriented Senior Automation Engineer to join our Advanced Automation Technologies group. The primary responsibility of this position is the setup, operation, and maintenance of cutting-edge high-throughput screening systems. The Senior Automation Engineer will collaborate closely with engineers and biologists to develop new automation workflows and platforms. The ideal candidate for this role possesses self-motivation, exceptional communication, organizational, and time management skills, works well independently and within diverse teams, and demonstrates keen attention to detail. Proficiency in laboratory automation, computers, and programming is crucial for success in this position.

About the Role

Internal job title: Senior Automation Engineer I/II

Location: San Diego, USA, onsite #LI-Onsite

The high-throughput biology group in Novartis San Diego is seeking a technologically oriented Senior Automation Engineer to join our Advanced Automation Technologies group. The primary responsibility of this position is the setup, operation, and maintenance of cutting-edge high-throughput screening systems. The Senior Automation Engineer will collaborate closely with engineers and biologists to develop new automation workflows and platforms. The ideal candidate for this role possesses self-motivation, exceptional communication, organizational, and time management skills, works well independently and within diverse teams, and demonstrates keen attention to detail. Proficiency in laboratory automation, computers, and programming is crucial for success in this position.

Key responsibilities:

- Set up, operate, and maintain high-throughput screening systems.
- Collaborate with engineers and biologists to develop new automation workflows and platforms.
- Troubleshoot automated workflows effectively, interpret data, and communicate findings to technical personnel.
- Utilize Python or similar programming language for automation tasks.
- Provide support and guidance to technical personnel regarding automation equipment and systems.
- Keep abreast of the latest developments and advancements in the automation field.

Essential Requirements:

- Bachelor's degree in Engineering or related discipline, and 4+ years of relevant experience working with laboratory automation equipment and automated systems for screening, compound handling, automated chemistry, or related applications. Recent PhD's with relevant experience will also be considered.
- Basic understanding of system scheduling software, databases, and script programming.
- Proficient understanding and in-depth knowledge of Python or similar programming language.
- Strong troubleshooting skills for automated workflows.
- Ability to effectively communicate complex concepts and findings to technical personnel.
- Excellent written and verbal communication skills.

Desirable Requirements:

- Experience with lab-in-the-loop or closed-loop systems
- Chemistry automation expertise
- Experience collaborating with engineers and scientists to develop new automation platforms

The salary for this position is expected to range between \$93,800 and \$174,200 per year. The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click [here](#).

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally. [Read our handbook \(PDF 30 MB\)](#)

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color,

religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门

Biomedical Research

Business Unit

Research

地点

USA

状态

California

站点

LaJolla/SD

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

```
var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId:
"kalturaplayer6a7325e51bbe6306034535", provider: { widgetId: "10m7rm1pm", partnerId:
"2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, muted: false, loop:
false }, sources: { options: {}, startTime: 0 }, disableUserCache: "true", plugins: {}, sources: { options:
{}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu:
false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets:
['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get:
kPlayer.ui.components.Remove } ] } }; // Check and add plugins only if they exist if
(kPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if
(kPlayer.plugins["transcript"]) { config.plugins["playkit-js-transcript"] = { position: "right", // Default:
bottom;('left', 'right', 'top', 'bottom') to enable transcript. expandMode: "over", // Default:
alongside;('alongside', 'hidden', 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled:
false, printDisabled: false, disable: true }; } if (kPlayer.plugins["preventSeek"]) {
config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; }
config.plugins.floating = { disable: true }; if (kPlayer.plugins["navigation"]) { config.plugins.navigation =
{ position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if
(kPlayer.plugins["hotspots"]) { config.plugins["playkit-js-hotspots"] = { disable: true }; } if
(kPlayer.plugins["moderation"]) { config.plugins["playkit-js-moderation"] = { disable: true }; } if
(kPlayer.plugins["info"]) { config.plugins["playkit-js-info"] = { disable: true }; } if
(kPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if
(kPlayer.plugins["googleAnalytics"]) { config.plugins.googleTagManager = {};
config.plugins.googleTagManager.customEventsTracking = {};
config.plugins.googleTagManager.containerId = 'GTM-57RJQ5';
config.plugins.googleTagManager.customEventsTracking.custom = [];
config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents:
false, playlistEvents: false, castEvents: false } }; }
```

```
// Ensure the global player registry array always exists, regardless of embed type.
window.kalturaPlayerVideos = window.kalturaPlayerVideos || []; try { var thumbEmbedPromise =
_thumbnailEmbed({config, mediaInfo: {entryId: "1dgfvmafo"}}); // _thumbnailEmbed() returns a
Promise that resolves with the player instance // when the user clicks the thumbnail. Use .then() to
capture the player directly. thumbEmbedPromise .then(function(player) {
window.kalturaPlayerVideos.push(player); // Notify kalturadatalayer.js that a new player is ready so
it can // attach custom event listeners immediately, regardless of when // the user clicked the
thumbnail relative to page load. document.dispatchEvent(new CustomEvent('kalturaPlayerReady', {
detail: { player: player } })); }) .catch(function(error) { console.error(error); }); } catch (e) {
console.error(e.message) }
```

Job ID
REQ-10078226

Senior Automation Engineer, High-Throughput Screening

[Apply to Job](#)



Job ID
REQ-10078226

Senior Automation Engineer, High-Throughput Screening

[Apply to Job](#)

Source URL:

<https://prod1.novartis.com.cn/careers/career-search/job/details/req-10078226-senior-automation-engineer-high-throughput-screening>

List of links present in page

1. <https://www.novartis.com/sites/novartiscom/files/novartis-life-handbook.pdf>
2. <https://www.novartis.com/about/strategy/people-and-culture>
3. <https://www.novartis.com/sites/novartiscom/files/novartis-life-handbook.pdf>
4. <mailto:us.reasonableaccommodations@novartis.com>
5. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/LaJollaSD/Senior-Automation-Engineer--High-Throughput-ScreeningREQ-10078226-2>
6. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/LaJollaSD/Senior-Automation-Engineer--High-Throughput-ScreeningREQ-10078226-2>