

Senior Expert Engineering

Job ID
REQ-10086916

8月 31, 2026

Switzerland

摘要

Location: Basel, Switzerland #onsite

Role Purpose:

At Novartis, we are reimagining medicine to improve and extend people's lives. We discover and develop breakthrough treatments and find new ways to bring cures to as many people as possible. Without safe, easy-to-use, high-quality drug delivery devices, our patients could not get their medicines. This is where you come in - the Device Technology Solution Center is looking for a Senior Expert Engineering to lead the development of innovative drug-device combination products.

We from the Device Technology Solution Center drives the technical development of autoinjectors as well as novel drug delivery principles, e.g. on-body injectors, inhalers or radioligand therapy. We closely collaborate with project management, human factors engineers, packaging experts, analytical testing, quality assurance, production, external partners, regulatory experts and many more. The objective is to develop and/or integrate innovative drug delivery systems with drug formulation and author state-of-the-art technical documentation for health authorities and production.

About the Role

Your responsibilities include, but are not limited to:

- Provide technical leadership in cross-functional device development subteams for autoinjector and other drug-device combination product development projects
- Define design input requirements and specifications, and author, review, and approve Design History File (DHF) documentation
- Lead design verification and characterization activities to demonstrate compliance with applicable requirements, standards, and intended use
- Provide technical input to regulatory submission dossiers and support responses to health authority questions related to device design, performance, and verification activities.
- Perform technical investigations and root cause analyses, identify corrective actions, and implement robust technical solutions to prevent recurrence of product and process issues.
- Ensure development activities comply with applicable regulations, standards, and internal procedures
- Collaborate with external partners, suppliers, contract manufacturers, and internal manufacturing organizations to ensure successful device development and industrialization.
- Ensure documentation and materials are delivered to support clinical studies, registration, and commercial manufacturing.
- Provide scientific and technical guidance to team members, facilitate knowledge sharing, and contribute to the development of engineering best practices.

Role Requirements

- Degree in Mechanical Engineering, Biomedical Engineering, or a related discipline
- Significant experience (typically 10+ years) in medical device and/or combination product development
- Excellent verbal communication and technical writing skills in English are required
- Demonstrated ability to influence cross-functional teams and lead technical initiatives in a matrix environment.
- Experience in design verification
- Good knowledge of applicable medical device regulations and industry standards
- Experience working with suppliers and CMOs
- Experience with Design Controls and Design History File (DHF) documentation
- Minimum 80% on site work (4 days/week)

Commitment to Diversity & Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

Benefits & Rewards

At Novartis, we're committed to reimagining medicine together - and rewarding the people who make it happen.

Expected Annual Base Salary Range for role: CHF 93,800 to CHF174,200

The base salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and minimum 14 weeks paid parental leave.

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 \(PDF 30 MB\)](#)

Primary location salary range
CHF93,800.00 - CHF174,200.00

部门
Development

Business Unit
Development

地点
Switzerland

站点
Basel (City)

Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

```
var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId:
"kalturaplayer6aac58dd92830967514822", 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 kaltura_dataLayer.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) }
```

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