

Expert Science & Technology

Job ID
REQ-10082074

7月 09, 2026

Switzerland

Available in: English

摘要

#LI-Hybrid

Location: Basel, Switzerland

This role is based in Basel, Switzerland. Novartis is unable to offer relocation support for this role. Please only apply if this location is accessible for you.

We are looking for an Expert in Science & Technology to join the Analytical Characterization (AC) team in Basel, Switzerland, within the Novartis Technical Research and Development (TRD) Biologics Analytical Development unit. The successful applicant will be part of the mass spectrometry group working in a highly collaborative and scientific environment focusing on the characterization of novel biologics entities.

About the Role

Your responsibilities:

- Characterization of biopharmaceutical products, including monoclonal antibodies, multi-specifics, antibody-drug conjugates (ADCs) and antibody-oligo conjugates (AOCs), their post-translational modifications and degradation products using state-of-the-art instrumentation
- Optimization of sample preparation, liquid chromatography (LC), ion mobility separation (IMS), and mass spectrometry (MS) acquisition methods for the characterization and monitoring of product quality attributes
- Writing of method development and robustness reports
- Writing/review of MS sections in characterization reports for the structure elucidation of drug substance, characterization of reference material, degradation products and impurities
- Communication of results at internal meetings and international conferences
- Promote environmental sustainability and GreenLab initiatives in daily work
- Maintenance and qualification of lab equipment
- LC-MS instrument troubleshooting and technical liaison with instrument vendors
- Documentation of experiments and structured data in electronic systems

Minimum Requirements:

- MSc in Biotechnology, Biochemistry, analytical chemistry or related field
- Strong communication skills in English; proficiency in German or French would be an asset
- Strong hands-on experience in liquid chromatography (HPLC and UHPLC e.g. Thermo Vanquish and Waters Acquity systems)
- Hands-on experience in performing MS analyses of biopharmaceutical products at intact, subunit and peptide level using e.g. reversed-phase chromatography with MS (RP-MS), cation-exchange chromatography with MS (CEX-MS) and Multi-Attribute Method (MAM)
- Hands-on experience in protein sample preparation and previous use of automated liquid handler
- Strong theoretical knowledge of protein biochemistry and protein post-translational modifications
- Theoretical knowledge and previous experience working with mass spectrometers (e.g. Orbitrap, Q-ToF mass analyzers), Data Dependent Acquisition (DDA)
- Experience with ion mobility separation (IMS) on a Waters cyclic IMS mass spectrometer would be an asset
- Experience with collision-induced dissociation (CID), Higher-energy collisional dissociation (HCD), Electron Capture Dissociation (ECD) and/or Electron Transfer Dissociation (ETD) fragmentation techniques would be an asset
- Experience with software solutions for intact mass deconvolution, protein identification and semi-quantification of product quality attributes (e.g. Genedata Expressionist Refiner MS)
- Experience with MS analysis of oligonucleotides would be an asset
- Ability to interpret and present scientific information critically and objectively
- Proactive and curious mindset to new technologies/methodologies and environmental sustainability, strong organizational skills

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: 76,300.00 - 141,700.00 CHF

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.

Read our brochure to learn more about our global total rewards offering:

<https://www.novartis.com/sites/novartiscom/files/novartis-life-handbook.pdf>

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

Accessibility and Accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need reasonable accommodation for any part of the recruitment process, or to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusionch@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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
CHF76,300.00 - CHF141,700.00

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:
"kalturaplayer6a51ed0869960512563123", 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_adatalayer.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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