

Postgraduate Cell and Gene Therapy (AAV)

Job ID
REQ-10031529
Dec 13, 2024
Switzerland

Summary

We are seeking a highly motivated postgraduate student with enthusiasm for AAV productions to join our dynamic and experienced cell and gene therapy team for a 10-month internship. This position resides in the Cell and Gene Therapy (CGT) group within Biologic Research Center (BRC) in Basel, Switzerland.

Adeno-associated virus (AAV) have become popular for safe and efficient gene therapies, however capsid modifications are crucial to enhance specificity and to reduce immune responses. Our AAV capsid engineering team is developing, screening and ranking novel capsids. This Postgraduate role will support our technology development by setting up a small-scale AAV production, purification and screening workflow that is contributing to the development of novel AAV vectors.

Please attach a cover letter explaining your motivation.

Preferred start date: March 1st 2025
Duration: 10 months

About the Role

Major accountabilities:

- Perform small-scale AAV productions (24-deep well format)
- Establish and compare several AAV purification methods followed by analytics
- Screening and ranking of AAV candidates in cell culture assays using flow cytometry or luciferase readout
- Collect, analyze and document (using electronic lab book) experimental data
- Presenting protocols and results in internal lab group meetings

Minimum Requirements:

Work Experience:

- Hands-on experience in cell culture techniques (suspension or adherent cell lines and transfection methods)
- AAV or protein production and purification experience is a strong plus
- Knowledge in screening techniques such as Flow cytometry or Luciferase readout

Skills:

- Recent master graduate (no longer than 1 year ago) with a degree in Virology, Life Sciences, Biology, Molecular Medicine, Biotechnology or related disciplines

Languages :

- English

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

Commitment to Diversity and Inclusion:

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

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 a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusion_ch@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: <https://talentnetwork.novartis.com/network>

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>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site
Basel (City)
Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG
Functional Area
Others
Job Type
Full time
Employment Type
Early Career (Fixed Term)
Shift Work
No
[Apply to Job](#)
Job ID
REQ-10031529

Postgraduate Cell and Gene Therapy (AAV)

[Apply to Job](#)

Source URL: <https://prod1.id.novartis.com/id-en/careers/career-search/job/details/req-10031529-postgraduate-cell-and-gene-therapy-aav>

List of links present in page

1. mailto:diversity.inclusion_ch@novartis.com
2. <https://www.novartis.com/about/strategy/people-and-culture>
3. <https://talentnetwork.novartis.com/network>
4. <https://www.novartis.com/careers/benefits-rewards>
5. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Basel-City/Postgraduate-Cell-and-Gene-Therapy--AAV-_REQ-10031529-1
6. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Basel-City/Postgraduate-Cell-and-Gene-Therapy--AAV-_REQ-10031529-1