

# XUAN BEATTY

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## PROFILE

Accomplished, intelligent cell and molecular biologist professional with experience participating in and performing multiple aspects of biology projects toward the achievement of goals and completion of the projects. Proven success in consistently providing the technical and biological expertise and know how to complete projects in a timely manner. Exceptional communication and organizational skills. Respected co-worker and team player; dedicated to surpassing objectives. Areas of expertise include:

- 18+ years of research experience
- Develop new ideas/create protocols
- Training new employees
- 13+ years in Biotechnology
- Problem Solving/Troubleshooting
- Highly motivated and organized

## WORK HISTORY

KROMATID, Longmont, CO

January 2022 – August 2024

### ***Cell Culture Manager***

Manage all aspects of the cell culture department and up to 45 different types of cell lines at any given time. Oversee all projects moving through the cell culture department and ensure completion of these projects in a timely manner to customer specifications. Responsibilities include documenting, reviewing, and updating standard operating procedures (SOP) to comply with industry standards. Additionally, provide training to new and existing personnel on all SOPs. Karyotype cells to understand genetic changes by examining mutations and gene translocation.

IMMUNITYBIO INC., Louisville, CO

July 2020 – January 2022

### ***Research Technologist (Title for non-PhD scientist level)***

Performed experiments to transfect new adenovirus type-5 (Ad5) viral vectors into cells to create different viruses. After which, expanded the virus to make viral seed stocks (VSS) to be used in large scale manufacturing. Simultaneously, I characterized the different viruses by performing multiplicity of infection (MOI) studies, then performed titer on the samples via either qPCR or protein detection. Along with these tasks, I was instrumental in qualifying and transferring the analytical methods for the company's new mRNA platform to the QC department by creating SOPs for guidance.

HORIZON DISCOVERY, Lafayette, CO

November 2019 – May 2020

### ***Scientist I***

Researched and developed, or improved upon, innovative new technologies for CRISPR Cas9 systems. Lost position due to slow sales resulting from COVID-19 shutdowns.

VIRIDIAN THERAPEUTICS, INC. (FORMALLY MIRAGEN THERAPEUTICS), Boulder, CO

March 2012 – August 2019

### ***Associate Scientist I July 2018-August 2019***

### ***Research Associate III July 2016-July 2018***

### ***Research Associate II July 2014-July 2016***

### ***Research Associate I March 2012-July 2014***

Research and development of an oncology drug that is currently in phase 2 clinical trials. While the drug was initially in the clinic, I assisted in creating data for patent purposes and helped present findings in several scientific journals, of which are referenced below. I also aided in the development of other drugs to treat fibrosis and heart disease. As a member of the Translational Biology group, I was tasked with examining our drug against, or in conjunction with, the standard of care. I performed these experiments, most of which involving small molecule compounds, and used statistical analysis to examine drug synergism and dose effectiveness.

UNIVERSITY OF COLORADO HEALTH AND SCIENCE CENTER, Aurora, CO

August 2007 – March 2012

### ***Professional Research Assistant***

Created a transgenic mouse with a Cre-Lox insert which is activated by administration of tamoxifen to examine the effects of Multiple Sclerosis at different stages of development. Carried out clinical trials and managed patient records for a Multiple Sclerosis clinic.