**Instructions for Bionano Optical Mapping Sample Delivery to the ATRF Sequencing Facility:**

. Please send the cells as a frozen pellet (1.5-2 million cells/sample).

. Please use the Bionano DNA stabilizer buffer to prepare frozen pellets as specified in the document ***SOP Preparing Frozen Cell Pellets Recommended Buffer Bionano*** in order to preserve the DNA quality before extraction.

. Please ship the cells in dry ice.

Address to: Juanma Caravaca, Sequencing Facility

**Shipping address:**

Advanced Technology Research Facility

8560 Progress Drive, Room D3040

Frederick, MD 21701

FNL Couriers no longer accepted pickup/delivery requests via the phone or email. All FNL Courier pickups from Bethesda to Frederick, must be submitted through the [Ship Wizard system](https://ncifrederick.cancer.gov/Cad/ShippingWizard). All shipments that are transported on the highway (FNL Courier pickups) must be classified as a Hazardous or Non Hazardous shipment and the only way to have that done is to submit a Request for Shipment in the [Ship Wizard system](https://ncifrederick.cancer.gov/Cad/ShippingWizard).

Ship Wizard Link:  <https://ncifrederick.cancer.gov/Cad/ShippingWizard>

This is a free service, but you need to enter your PID number when filling out the form. If you do not know your PID, you can check with your AO or this information will also be in your NAS request.

Please avoid shipping on Fridays to rule out delays over the weekend and let us know when you ship the samples.

Please fill in the sample details in the sample manifest form as best as you can and send it to caravaj@nih.gov.

If you have not already done it, please submit a NAS request at the link below. Our facility is listed under: Sequencing Facility, Illumina (CCR).

<https://ncifrederick.cancer.gov/Services/Accessioning/Home/SignIn>

Let me know if you have any additional questions for us.

Thanks

Juanma