

Ian Bravo

EDUCATION	B.S. Biological Sciences with emphasis in Microbiology and Immunology University of California, Merced, California	Aug 2013
EMPLOYMENT HISTORY	Senior Research Assistant, Oregon Health and Science University Louis Picker Laboratory - Unit Head, Flow Cytometry, Vaccine and Gene Therapy Institute Beaverton, OR.	July 2021 - Aug 2023
	<ul style="list-style-type: none">• Supervise daily operations of eight employees.<ol style="list-style-type: none">1. Oversee calibration, operation, shutdown, routine maintenance, and basic troubleshooting of four flow cytometers.2. Weekly data archive management of all flow cytometry data.3. Work closely with project leaders to ensure rapid generation of high-quality, reliable, and, reproducible flow cytometry data.4. Work within a GCP/GLP regulated environment and is responsible for following all applicable regulations.5. Hire and identify developmental needs for potential reassignment; coordinate appropriate trainings.• Provide technical expertise in QC procedures relating to flow cytometry by following regulatory aspects in accordance to GCP/GLP.<ol style="list-style-type: none">1. Oversee SOPs adopted by the QC team.2. Participate in the review and revision of SOPs annually so that laboratory practices are within the defined regulations stated by relevant regulatory agencies.3. Oversee the validation and implementation of QC procedures.4. Implement QC procedures and methods.5. Assuring all QC flow cytometry staff are working in compliance with applicable personal safety guidelines.	
	Research Assistant 2, Oregon Health and Science University Louis Picker Laboratory - Dr. Afam Okoye Group, Vaccine and Gene Therapy Institute Beaverton, OR.	Feb 2020 - July 2021
	<ul style="list-style-type: none">• Transferred to Okoye group while still an RA1. Training received from Jan 2020 to Feb 2020:<ol style="list-style-type: none">1. Coordination with a team of technical operators on handling an ever-changing array of daily specimens2. Handling biohazardous veterinary specimens in a Biosafety Level 2 facility, with biosafety cabinets, and full PPE/decontamination training3. Sample subfractionation, to plasma and (dozens of discrete) cell products4. Aliquoting, freezing, and inventory control of archived samples• Promoted to RA2 on Feb 14 2020. New responsibilities as an RA2:	

1. Staining of cell samples for flow cytometric assays (phenotyping, memory quantification, and tetramers)
2. Multianalyte Luminex Assay
3. Biohazard shipping, Luminex maintenance, LN2 handling
4. Continuous updates to direct supervisor
5. Training in the VGTI Quality System, to document relevant Sample Processing Group operations.

**Research Assistant 1, Oregon Health and Science University
Louis Picker Laboratory - Flow Cytometry Group, Vaccine and Gene
Therapy Institute**

Beaverton, OR.

Aug 2017 - Feb 2020

- Part of a team of eight highly-trained operators of the labs three sophisticated laser-based flow cytometric analyzers
 1. Coordination with the team of technical operators dedicated to quick acquisition of data from the labs scientific groups.
 2. On-the-fly prioritization and running of an ever-changing array of time-sensitive samples. (The team operates 20 hr/day, nearly every day of the year.)
 3. Routine daily/weekly/monthly maintenance of the instruments (cleaning, calibration, performance checks)
 4. On-the-fly independent quality control of sample data during acquisition, and transfer of data to digital sharespace
 5. Interfacing with sample owners about customizing acquisition, or post-acquisition adjustments
 6. Identifying and trouble-shooting instrument malfunctions
 7. Preparing compensation samples, creating, and QCing compensation matrices
 8. Assisting in lab supply acquisition and distribution
 9. Assisting in lab antibody reagent testing and aliquoting
 10. Assisting manufacturer service providers during preventative maintenance and instrument-repair visits
 11. Training in the VGTI Quality System, to document relevant Cytometry Group operations.

Laboratory Assistant, Legacy Health

Portland, OR.

Aug 2016 - Aug 2017

Receive specimens (blood, urine, feces, etc.) in a central laboratory to be then processed for medical testing.

Teacher Assistant, University of California - Merced

Merced, CA.

Aug 2013 - Dec 2013

Assisted the course instructor with grading, proctoring exams, and teaching 70 students in a Freshman Biology class.

PUBLICATIONS Roger Tseng, Yong-Gang Chang, **Ian Bravo**, Robert Latham, Abdullah Chaudhary, Nai-Wei Kuo, Andy LiWang. **Jan 2014**. Cooperative KaiA-KaiB-KaiC Interactions Affect KaiB/SasA Competition in the Circadian Clock of Cyanobacteria. Journal of Molecular Biology. DOI:10.1016/j.jmb.2013.09.040

HONORS	Dean's Honor List	2011
AND	SACNAS Conference Travel Scholarship	2012
AWARDS	National Science Foundation - Louis Stokes Alliance for Minority Participation	2012
	Ronald E. McNair Post-Baccalaureate Achievement Fellow	∞