

Jose Antonio Ovando Ricardez, B.S.

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EMPLOYMENT HISTORY

May 2022 — Present	Visiting Scholar, Ohio State University United States Analysis of high-throughput omics technologies (Mouse and human): <ul style="list-style-type: none">• Single cell and bulk RNA-seq data.• Spatial transcriptomics data.• RNA velocity analysis of single cells. Development of bioinformatics approaches in senescence and lung aging research.
Feb 2021 — May 2022	Research Assistant, Instituto Nacional de Enfermedades Respiratorias "Ismael Cosío Villegas" Mexico <ul style="list-style-type: none">• Data-mining on transcriptomics.• Bioinformatics analysis of microarrays and RNA-seq bulk data.• Protein-protein interaction networks.• MicroRNA targets prediction.
Mar 2021 — Sep 2021	Research Assistant, Universidad Juarez Autonoma de Tabasco Mexico <ul style="list-style-type: none">• Bioinformatic analysis of expression microarrays related to schizophrenia and suicidal behavior.• Systematic review and meta-analysis of single nucleotide polymorphisms in suicidal behaviour.• Research about microRNAs and complex diseases.

EDUCATION

2017 — 2021	Bachelor of Science - Genomics, Universidad Juarez Autonoma de Tabasco Mexico <ul style="list-style-type: none">• Biomedicine and bioinformatics specialization• Bachelor's dissertation "Determination of the microRNAs regulatory network in idiopathic pulmonary fibrosis"
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SKILLS	Communication Skills	R
	Leadership & Teamwork	Shell
	Python	AWS

LANGUAGES	Spanish	Native speaker	English	B2
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CERTIFICATIONS	Certificate in Biostatistics, Bioadviser SA de CV,	Mexico
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COURSES	Bioinformatics workshop: RNA-seq and differential expression analysis, IPN - CIIDIR Sinaloa, Mexico
	Population genetics applied to medicine, Instituto Nacional de Medicina Genomica, Mexico
	Workflows with RStudio and creation of Shiny apps , Centro de Ciencias Genomicas, Mexico