Nicholas Rivera

HPA Sonics

2009-2014

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SKILLS
Cesena IT

SKILLS			Cesena, H
Gel Electrophoresis UV/Vis/Fluorescence Spectroscopy HPLC Dynamic Light Scattering	Colorimetry SEM Texture Analysis Rheometry GC-FID	Lipid Extraction INFOGEST Ion-Exchange SPE Granulometry DSC	Graphpad Prism Orange Data Mining Python ImageJ Statgraphics
EDUCATION			
Université Bourgogne Franche-Comté-Agrosup Dijon 9/20-10/22	 Processes - Assez B Coursework in Food Analysis and Chemis 	ogy and Physicochemistry of Food and Vien Honors Formulation/Component Instrumental Stry, Microbiology, Sensory Evaluation, Food Design, Food Stability, Food Ana	·
Quinnipiac University 2006-2012	Bachelors in Liberal S	Sciences	Hamden, CT, US.
RELEVANT WOR	K EXPERIENCE		
University of Bologna-Department of Science and Technology Agro-Alimentari	non-sustainably produced In vitro digestion of differer Determination of Protein, S	differences between eco-friendly and foods nt food matrices	Cesena,ltaly in vitro
University of Valencia-Pharmacy Faculty 4/2022-10/2022	Use of Pulsed Electric Fiel Quantification of Macromo	traction of bioactive molecules from Mu ds, Enzyme-assisted extraction, etc	Valencia, Spain shrooms
CHU Dijon Hospital/Université de Bourgogne 9/2021-1//2022 •	Virology/Vaccinology Intern Study of virus-like-particles under adverse conditions DLS, BCA assay, UV/Vis Spectroscopy for protein study SEM, ELISA		Dijon, France
Agrosup Dijon, UMR PAM (Food and Wine Science and Technology) 6/2021-8/2021	Analysis of agri-food waste Study of Polyphenols in Pr organoleptic qualities	e ressed Hempseed Cake related to unwa tion of Hydroxycinnamic acids	Dijon, France
HPA Sonics 9/2019-5/2020	Product analysisProcedural supervision/hai	ring Consultant at Alumina Manufacture ndling of chemicals and safe use of made ion for both scientific and non-scientific	chinery
Finca Paloma • 1/2019-4/2020 (Remote) • 3/2018-1/2019 (On-Site) •	Husbandry of Seedlings, y	opical Fruit Farm and Vineyard oung plants and cuttings ement of soil and nutrient parameters	Lajas Arriba, PR USA
Earth Matter Soil Start Farm 2/2019-6/2019 (Season)	Farm Manager/Instructor for Farming Apprenticeship at Urban Farm/Compost Processing Educational Site Teaching students urban farming Assistance with Workshops and Classes for students and visitors		New York, NY
Lehman College Spring 2014	Genetic Engineering Interro Study of Carotenoid biosyr Cell Culture and Plasmid V	/ector utilization	Lab New York, NY,

Extraction and analysis of natural products

Associate researcher at Alumina Manufacturer

• R&D of prototype reactor and chemical process flow

Wallingford, CT