

## CURRICULUM VITAE ABREVIADO (CVA)

### Part A. PERSONAL INFORMATION

First name	Feliciano		
Family name	Priego-Capote		
Gender (*)	Male	Birth date (dd/mm/yyyy)	
Social Security, Passport, ID number			
e-mail	Feliciano.priego@uco.es	URL Web: www.uco.es/fqm227	
Open Researcher and Contributor ID (ORCID) (*)		0000-0003-0697-719X	

#### A.1. Current position

Position	Full professor		
Initial date	01/05/2022		
Institution	University of Cordoba		
Department/Center	Analytical Chemistry	Faculty of Sciences	
Country	Spain	Teleph. number	957218615
Key words	Mass spectrometry, chromatographic analysis, bioactive compounds, phenols		

#### A.2. Previous positions (research activity interruptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
2003-2007	FPU fellowship/University of Cordoba/Spain
2007-2009	Postdoct fellowship/University of Geneva/Switzerland
2009-2015	Ramon y Cajal/University of Cordoba/Spain
2015-2018	Permanent Professor/University of Cordoba/Spain
2018-2022	Associate Professor/University of Cordoba/Spain
2022-	Full Professor/University of Cordoba/Spain

#### A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Degree in Chemistry	University of Cordoba	2002
PhD in Chemistry	University of Cordoba	2007

### Part B. CV SUMMARY (max. 5000 characters, including spaces)

Dr. Feliciano Priego Capote completed his predoctoral training (2003-2007) in the Department of Analytical Chemistry of the University of Cordoba. His doctoral thesis was qualified with the maximum qualification and was awarded the Extraordinary Doctorate Award in the Macro-area of Science. Subsequently, he obtained a Postdoctoral Training Contract of Spanish Ministry in Recognized Research Centers for two years. This stay was in the Department of Structural Biology and Bioinformatics of the University of Geneva. There, he was trained in proteomic analysis by mass spectrometry and developed a strategy for characterization of glycosylated proteins.

In November 2009, Dr. Priego Capote obtained a Ramón y Cajal Contract in the Chemistry Area that allowed him to return to the University of Cordoba. He implemented the development of targeted and untargeted methods for metabolomic analysis by mass spectrometry as research line. In the period 2009-2018, Dr. Priego Capote consolidated his position as researcher since he obtained grants in competitive calls and opened collaboration channels with other research groups. Research was targeted at designing strategies along the analytical process to improve detection and identification in metabolomics by using mass spectrometry. He has proposed applications on the clinical and agrofood areas with special attention on bioactive compounds. It is worth mentioning his activity in the last years in the characterization of phenols in olive oil and related by-products. In 2022 he promoted to Full Professor. Dr. Priego Capote has been the head of the PAIDI FQM-227 research group

"Analytical platforms in metabolomics: clinical and agri-food areas" since 2016 and has led the GC-21 group "Metabolomics and identification of bioactive components" of IMIBIC since 2017.

His research capacity has allowed him to publish more than 220 articles in JCR indexed journals, with 84,9% in Q1 journals and 39.5% in D1 journals. In addition, he has coauthored a book and thirteen book chapters. He has been Principal Investigator (IP) or co-IP of six projects obtained in competitive calls (one European project, three national projects and two regional projects) and principal investigator for several research transfer contracts with companies and public and private research organizations. He has been recognized with three six-years excellence periods in research and one in transference of knowledge.

His research activity is complemented by his teacher training with experience for 13 academic years in both Bachelor and Master degrees, with involvement in practical and theoretical teaching. In addition, Dr. Priego Capote has been co-director of 16 doctoral theses and 22 master's theses.

It can be concluded that Dr. Priego Capote is a researcher with leadership skills, with experience as principal investigator in national and international research projects, with a teaching dedication over 1500 hours, and with training in technology transfer to acquire additional funds from contracts with companies and research organizations.

## **Part C. RELEVANT MERITS** (*sorted by typology*)

### **C.1. Publications** (*see instructions*)

1. A. Castillo-Luna, C.A. Ledesma-Escobar, R. Gómez-Díaz, F. Priego-Capote\* (AC), 2022. The secoiridoid profile of virgin olive oil conditions phenolic metabolism, Food Chemistry, 395, 133585. (1° decile, D1). \*Corresponding author.
2. A. Expósito-Díaz, H. Miho, C.A. Ledesma-Escobar, J. Moral, C.M. Díez, F. Priego-Capote\* (AC), 2022. Influence of genetic and interannual factors on bioactive compounds of olive pomace determined through a germplasm survey, Food Chemistry, 378, 132107. (1° decile, D1). \*Corresponding author.
3. H. Miho, J. Moral, D. Barranco, C.A. Ledesma-Escobar, F. Priego-Capote, C.M. Díez\* (AC), 2021. Influence of genetic and interannual factors on the phenolic profiles of virgin olive oils, Food Chemistry, 342, 128357. (1° decile, D1). \*Corresponding author.
4. A. Castillo-Luna, I. Criado-Navarro, C.A. Ledesma-Escobar, M.A. López-Bascón, F. Priego-Capote\* (AC), 2021. The decrease in the health benefits of extra virgin olive oil during storage is conditioned by the initial phenolic profile, Food Chemistry, 336, 127730. (1° decile, D1). \*Corresponding author.
5. H. Miho, J. Moral, M.A. López-González, C.M. Díez, F. Priego-Capote\* (AC), 2020, The phenolic profile of virgin olive oil is influenced by malaxation conditions and determines the oxidative stability, Food Chemistry, 314, 126183. (1° decile, D1). \*Corresponding author.
6. I. Criado-Navarro, M.A. López-Bascón, F. Priego-Capote\* (AC), 2020, Evaluating the variability in the phenolic concentration of extra virgin olive oil according to the Commission Regulation (EU) 432/2012 health claim, Journal of Agricultural and Food Chemistry, 68, 9070-9080. (1° decile, D1). \*Corresponding author.
7. I. Criado-Navarro, A. Mena-Bravo, M. Calderón-Santiago, F. Priego-Capote\* (AC), 2019, Determination of glycerophospholipids in vegetable edible oils: proof of concept to discriminate olive oil categories, Food Chemistry, 299, 125136. (1° decile, D1). \*Corresponding author.
8. H. Miho, C.M. Díez, A. Mena-Bravo, L. Rallo, D. Barranco, F. Priego-Capote\* (AC), 2018, Cultivar influence on variability in olive oil phenolic profiles determined through an extensive germplasm survey, Food Chemistry, 266, 192-199. (1° decile, D1). \*Corresponding author.
9. C.A. Ledesma-Escobar, F. Priego-Capote\* (AC), V.J. Robles-Olvera, M.D. Luque de Castro, 2018, Targeted analysis of the concentration changes of phenolic compounds in Persian lime (*Citrus latifolia*) during fruit growth, Journal of Agricultural and Food Chemistry, 66, 1813-1820. (1° decile, D1). \*Corresponding author.
10. M.M. Delgado-Povedano, F. Priego-Capote\* (AC), M.D. Luque de Castro, 2017, Selective ultrasound-enhanced enzymatic hydrolysis of oleuropein to its aglycon in olive (*Olea europaea* L.) leaf extracts, Food Chemistry, 220, 282-288. (1° decile, D1). \* Corresponding author..

**C.3. Research projects**, indicating your personal contribution. In the case of young researchers, indicate lines of research for which they have been responsible.

**1. Reference: PID2019-111373RB-I00**

Title: Desarrollo y Aplicación de Métodos de Adquisición Independiente de los datos por Espectrometría de Masas en Tándem para su Aplicación en Análisis Metabólico (DIA-MS2)

Funding organization: Ministry      Program: Plan Nacional  
Principal investigator: F. Priego Capote y M. Calderón Santiago  
Entity: University of Córdoba  
Start date: 01/06/20      End date: 31/05/2023

Amount: 96.800,00 €

Participation role: Principal investigator

State of the project: Finished

**2. Reference: 1381034-R**

Title: Determinación de secoiridoides en aceite de oliva virgen y su influencia sobre el valor saludable, la estabilidad oxidativa y sus propiedades

Funding organization: Junta de Andalucía      Program: UCO-FEDER

Principal investigator: F. Priego Capote y M. Calderón Santiago

Entity: University of Córdoba

Start date: 01/06/21      End date: 31/12/2022

Amount: 24.500,00 €

Participation role: Principal investigator

State of the project: Finished

**3. Reference: MED-1033**

Title: ARISTOIL: Reinforcement of Mediterranean olive oil sector competitiveness through development and application of innovative production and quality control methodologies related to olive oil health protecting properties

Funding organization: European Union      Program: Interreg-med

Principal investigator: F. Priego Capote      Entity: Universidad de Córdoba

Start date: 01/11/17      End date: 30/10/2019

Amount: 2.008.000,00 € (FQM-227 research group received 283.250,50 €)

Participation role: Principal investigator

State of the project: Finished

**4. Reference: PIE14/00005/1**

Title: Early predictors and causes of loss of phenotypic flexibility as individual risk factor of metabolic disease: towards a personalized medicine

Funding organization: Ministry      Program: ISCarlosIII

Principal investigator: F. Priego Capote      Entity: IMIBIC

Start date: 01/01/15      End date: 31/12/2017

Amount: 605.000,00 € (FQM-227 research group received 50.000,00 €)

Participation role: Principal investigator

State of the project: Finished

**5. Reference: CTQ2015-68813-R**

Title: Development of strategies to improve mass spectrometry detection in metabolomics analysis

Funding entity: Ministry      Program: National funds

Principal investigator: F. Priego Capote      Entity: University of Cordoba

Start date: 01/01/16      End date: 31/12/2018

Amount: 116.160,00 €

Participation role: Principal investigator

State of the project: Finished

**6. Reference: FQM-6420**

Title: Development of analytical platforms for detection of glycosylated proteins: application to diabetic patients

Funding entity: Andalucía Regional Government      Program: Excellence Projects

Principal investigator: F. Priego Capote      Entity: University of Cordoba

Start date: 15/03/11      End date: 15/01/2015

Amount: 85.837,16 €

Participation role: Principal investigator

State of the project: Finished

**C.4. Contracts, technological or transfer merits**, Include patents and other industrial or intellectual property activities (contracts, licenses, agreements, etc.) in which you have collaborated. Indicate: a) the order of signature of authors; b) reference; c) title; d) priority countries; e) date; f) Entity and companies that exploit the patent or similar information, if any

**Research contracts**

**1.**Title: Desarrollo de una nueva forma de incorporación de fósforo para una nutrición de precisión en avicultura: fitasa fosfatada

Company/entity: Global Feed S.L.

Name of the principal investigator: F. Priego Capote

Start date: 04/08/2020 End date: 04/01/2023

Amount: € 29.221,50

**2.**Title: Definición de efectos nutraceuticos de biomazas cítricas y aliáceas en la circulación sanguínea calidad e higiene de los alimentos de origen animal

Company/entity: Adibio S.L.

Name of the principal investigator: F. Priego Capote

Start date: 22/07/2020 End date: 22/12/2022

Amount: € 73.471,20

**3.** Title: Análisis de vitamina D y metabolitos en muestras biológicas

Company/entity: IDIBELL

Name of the principal investigator: F. Priego Capote

Start date: 19/02/2019 End date: 01/07/2020

Amount: € 18.143,95

**4.** Title: Análisis del perfil de fosfolípidos en suero

Company/entity: Instituto de Salud Carlos III

Name of the principal investigator: F. Priego Capote

Start date: 21/11/2018 End date: 11/12/2018

Amount: € 45.397,69

**5.** Title: Análisis de fosfolípidos en muestras de suero mediante GC-MS

Company/entity: Fundación GEICAM

Name of the principal investigator: F. Priego Capote

Start date: 11/05/2018 End date: 28/05/2018

Amount: € 34.578,78

**6.** Title: Análisis de metabolitos de vitamina D en una cohorte de pacientes

Company/entity: FAES FARMA S.A.

Name of the principal investigator: F. Priego Capote

Start date: 07/02/2018 End date: 07/02/2020

Amount: € 38.435,29

**7.** Title: Obtención de variedades de olivo con alto contenido en oleocantal

Company/entity: Santacruz Ingeniería

Name of the principal investigator: F. Priego Capote

Start date: 15/12/2017 End date: 15/12/2020

Amount: € 90.750,00

**8.** Title: Análisis de vitamina D y sus metabolitos en muestras de suero humano

Company/entity: Instituto de Salud Carlos III

Name of the principal investigator: F. Priego Capote

Start date: 05/06/2015 End date: 31/12/2017

Amount: € 72.600,00

**9.** Title: Identificación mediante LC-QTOF y cuantificación mediante LC-MS/MS triple cuadrupolo e ionización por APCI de compuestos en extractos vegetales

Company/entity: Phytoplant Research S.L.

Name of the principal investigator: F. Priego Capote

Start date: 18/12/2014 End date: 17/12/2016

Amount: € 60.500,00