

Instituto de Agroecoloxía
e Alimentación

Universidade de Vigo

**ANNUAL
ACTIVITY REPORT 2024**

Universidade de Vigo

Instituto de Agroecoloxía e Alimentación
Edificio Campus Auga
Rúa Canella da Costa da Vela, 12
32004, Ourense
<https://iaa.uvigo.es/gl/>
iaa@uvigo.gal

CONTENTS

1.	INTRODUCTION	- 1 -
2.	ORGANIZATION AND GOVERNANCE.....	- 1 -
2.1.	ORGANIZATIONAL CHART	- 1 -
2.2.	DESCRIPTION AND COMPOSITION.....	- 2 -
3.	FACTS AND FIGURES	- 4 -
4.	SCIENTIFIC AREAS AND RESEARCH LINES.....	- 6 -
4.1.	STRATEGIC SCIENTIFIC PROGRAM	- 6 -
4.2.	SCIENTIFIC AREAS AND RESEARCH LINES.....	- 7 -
5.	HUMAN RESOURCES.....	- 9 -
5.1.	HUMAN RESOURCES BY CATEGORY.....	- 10 -
5.2.	TALENT ACQUISITION	- 11 -
6.	RESEARCH.....	- 12 -
6.1.	SCIENTIFIC OUTPUT	- 12 -
6.2.	INTERNATIONAL CLASSIFICATIONS AND RANKINGS	- 15 -
7.	INNOVATION, TECHNOLOGY TRANSFER, AND VALORIZATION	- 16 -
7.1.	R&D&I ACTIVITY, TECHNOLOGY TRANSFER, AND FUNDING	- 16 -
8.	COMMUNICATION AND OUTREACH.....	- 18 -
8.1.	COMMUNICATION.....	- 18 -
8.2.	OUTREACH.....	- 19 -
9.	INFRASTRUCTURE	- 19 -
9.1.	RESEARCH FACILITIES.....	- 19 -
9.2.	NEW EQUIPMENT ACQUISITIONS.....	- 23 -
9.3.	SINGULAR LABORATORIES	- 24 -
10.	FOLLOW-UP OF THE ACTION PLAN.....	- 25 -
10.1.	PILLAR 1. RESEARCH	- 25 -
10.2.	PILLAR 2. TALENT AND HUMAN RESOURCES.....	- 26 -
10.3.	EIXE 3. TRAINING	- 28 -

10.4.	PILLAR 4. TRANSFER AND INNOVATION.....	- 29 -
10.5.	PILLAR 5. INTERNATIONALISATION	- 29 -
10.6.	PILLAR 6. POSITIONING AND VISIBILITY	- 31 -
10.7.	PILLAR 7. GOVERNANCE, MANAGEMENT AND FUNDING.....	- 31 -
	ANNEXES.....	i
	ANNEX I: MEMBERS OF THE IAA (31 DE DICIEMBRE DE 2025)	i
	ANNEX II: ACTIVE PROJECTS DURING 2024.....	vi
	ANNEX III: R&D CONTRACTS SIGNED IN 2024.....	xiii
	ANNEX IV: LIST OF PUBLICATIONS	xix
	ANNEX V: THESES DEFENDED	xlii
	ANNEX VI: IAA MEDIA COVERAGE IN 2024	xliii

1. INTRODUCTION

We present the Activity Report of the Institute of Agroecology and Food (IAA) for the year 2024. During this period, the IAA made progress toward its goal of promoting cutting-edge research, talent development, and knowledge transfer in key areas for the future of agriculture and sustainable food systems.

Since its establishment on December 21, 2022, the IAA has consolidated its position as a national and international benchmark in agroecology and food security. In its founding report, the Institute set out a series of objectives that gave purpose to its creation:

- Achieve higher levels of scientific excellence through the development of a Scientific Agenda aligned with European, national, and regional R&D&I policies and priorities.
- Develop, retain, and attract talent.
- Increase the impact of research conducted in the Galician region.
- Position and raise the visibility of the Institute as a reference center in the field of agroecology and food.
- Establish the Iberian Food Laboratory in collaboration with the Polytechnic Institute of Bragança (IPB).

During this second year of its existence, the IAA worked on the development of tools that support its consolidation and lay the foundations for its future recognition as a center of excellence. Notable achievements include the launch of the IAA Communication Plan and the establishment of OTM-R, Data Management, and Open Access policies.

The Institute once again made a significant contribution to the University’s international indicators, playing a key role in achieving the 34th position reached by the University of Vigo in the Shanghai Ranking – Global Ranking of Academic Subjects (GRAS) 2024 in “Food Science and Technology,” once again ranking as the top Spanish university in this field. This achievement reflects the quality of the research carried out at the IAA.

2. ORGANIZATION AND GOVERNANCE

2.1. ORGANIZATIONAL CHART

The organizational structure of the Institute of Agroecology and Food (shown in the figure) remained unchanged throughout 2024, although there were some changes in the composition of its different governing bodies.

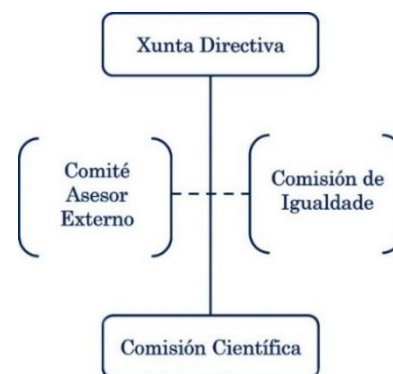


Figure 1: IAA Organizational Structure..

2.2. DESCRIPTION AND COMPOSITION

Board of Directors

During 2024, Gil Garrote Velasco and Sidonia Martínez Suárez joined, assuming the positions of board member representing the researchers affiliated with the center and Secretary of the Institute, respectively. As a result, the Executive Board was composed as follows:

- The Rector of the University, or the Vice-Rector to whom this responsibility is delegated, who will chair and convene it.
- Director of the Institute: David Fernández Calviño.
- Secretary of the Institute, who will also serve as Secretary of the Executive Board: Sidonia Martínez Suárez.
- A board member representing the Social Council of the University of Vigo: María Sol Nóvoa Rodríguez (President of the Ourense Employers' Confederation and Vice President of the Galician Employers' Confederation).
- A board member representing the researchers affiliated with the center: Gil Garrote Velasco.
- A board member representing the staff of the center who are not affiliated research staff: Beatriz Díaz Reinoso.
- Representatives, where applicable, of public or private institutions that make a substantial and stable contribution to the funding or activities of the Institute: Emma González Diéguez (Manager of INORDE – Provincial Council of Ourense).

Scientific Committee

The IAA Scientific Committee is the collegiate body responsible for developing the center's strategic lines. During 2024, Sidonia Martínez Suárez assumed the role of Secretary of the Institute, and the Scientific Committee was composed as follows:

- Director of the Institute: **David Fernández Calviño**.
- Secretary of the Institute: **Sidonia Martínez Suárez**.
- Representative of Research Priority 1 (Soil Health and Quality): **Manuel Arias Estévez**.
- Representative of Research Priority 2 (Crop Management): **Francisco Javier Rodríguez Rajo**.
- Representative of Research Priority 3 (Food Quality): **María Rosa Pérez Gregorio**.
- Representative of Research Priority 4 (Waste Management and Valorization): **Beatriz Gullón Estévez**.
- Representative of non-permanent research staff: **Patricia Reboredo Rodríguez**.

External Advisory Committee

The External Advisory Committee is a consultative body composed of a minimum of five members, made up of researchers external to the University of Vigo with internationally

recognized prestige and extensive scientific and/or technical experience in the management of research, innovation, or technology transfer projects in the IAA's areas of activity, as well as professionals from companies and/or institutions linked to the agri-food sector at both local and international levels. Its composition remained unchanged during 2024.

- Advisor for Research Priority 1 (Soil Health and Quality): **Raúl Zornoza Belmonte**, Polytechnic University of Cartagena.
- Advisor for Research Priority 1 (Soil Health and Quality): **Manuel Delgado Baquerizo**, Institute of Natural Resources and Agrobiology of Seville (CSIC).
- Advisor for Research Priority 2 (Crop Management): **Fabrizio Araniti**, University of Milan.
- Advisor for Research Priority 2 (Crop Management): **Helena Freitas**, University of Coimbra.
- Advisor for Research Priority 3 (Food Quality): **Lillian Barros**, Polytechnic Institute of Bragança.
- Advisor for Research Priority 3 (Food Quality): **Ana Rodríguez-Mateos**, King's College London.
- Advisor for Research Priority 4 (Waste Management and Valorization): **Carlos Martín**, Inland Norway University of Applied Sciences.
- Advisor for Research Priority 4 (Waste Management and Valorization): **Encarnación Ruiz Ramos**, University of Jaén.
- Advisor representing Galician agricultural cooperativism: **Aurelio Prado Rodríguez**, Amarelante SCG.
- Advisor representing public administrations: **Servando Álvarez Pousa**, Agri-Livestock Center of INORDE (Provincial Council of Ourense).
- Advisor representing the agri-food industry: **Noelia Dosil Mayán**, Coordinator of the Area of Innovation, Digital Transformation and Entrepreneurship (CLUSAGA).
- Advisor representing rural development: **Beatriz Suárez Sánchez**, Director of the Rural Development Area of the Juana de Vega Foundation.

Equality Committee

The Equality Committee aims to create, within the Institute of Agroecology and Food, an environment that fosters professional and personal development under equal conditions for the entire university community. Its composition remained unchanged during 2024.

- **Daniel Arenas Lago**, Ramón y Cajal researcher.
- **Julia Carballo Rodríguez**, senior lecturer (tenured).
- **María Figueiredo González**, teaching and research staff under the Talent Retention Programme of the University of Vigo.
- **Clara Fuciños González**, associate professor.
- **Gil Garrote Velasco**, full professor.

In the ordinary meeting held on 19 July 2024, this committee appointed María Figueiredo González as Chair and Daniel Arenas Lago as Secretary.

The principle of equality within the committees ensures a balanced representation of between 40% and 60% for each gender, as shown in the figure below.



Figure 1: Gender Balance in the IAA Committees.

3. FACTS AND FIGURES

The indicators achieved by the IAA throughout 2024 are shown below as a summary.

Producción científica

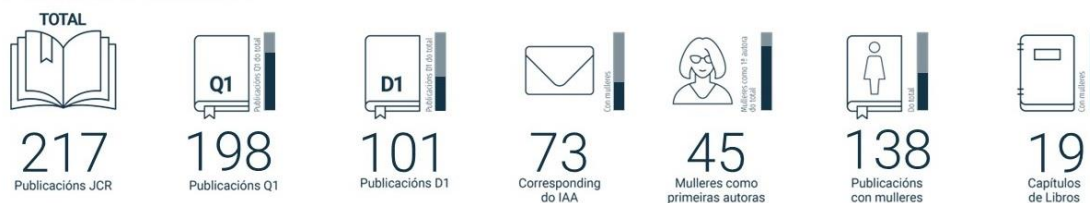


Figure 2: Scientific output of the IAA research staff.

The scientific output of the IAA in 2024 amounts to 217 JCR-indexed publications, of which 198 belong to the first quartile (Q1) and 101 to the top decile (D1), reflecting a high level of quality and international impact. In addition, 73 publications include IAA staff as corresponding author, highlighting the Institute’s leadership capacity and external recognition.

Research activity is further complemented by 19 book chapters, which also demonstrate significant participation in collective and specialized works.

From a gender perspective, the presence of women in scientific output is noteworthy: 45 of the publications list women as first authors, and 138 publications include female participation, which demonstrates significant progress toward effective gender equality in research.

Overall, these data highlight a highly active, high-quality scientific output with an increasingly balanced gender representation, consolidating the IAA as a benchmark in excellent research and commitment to good institutional practices.

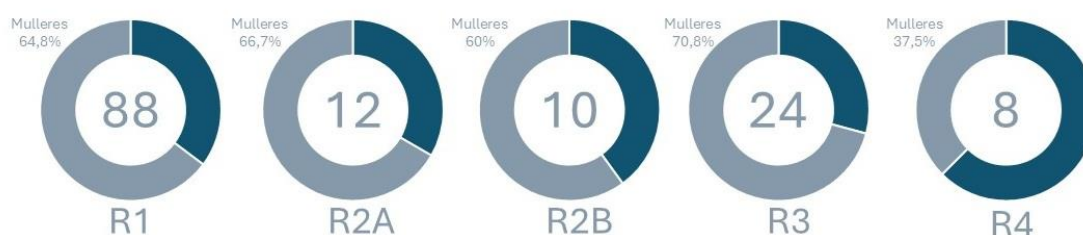


Figure 3: Classification of Researchers According to the European Reference Framework.

The distribution by research staff categories shows a higher concentration in the early stages of the career path, with a total of 88 people in R1, representing the broadest base of the system. The intermediate categories R2A (12) and R2B (10) show lower figures, while the number of researchers gradually decreases in the more consolidated stages, with 24 in R3 and 8 in R4.

This distribution reflects a typical pyramidal structure in scientific environments, with a broad presence of early-career researchers and lower density at the levels of stability and leadership.

Nº total de persoal: 186

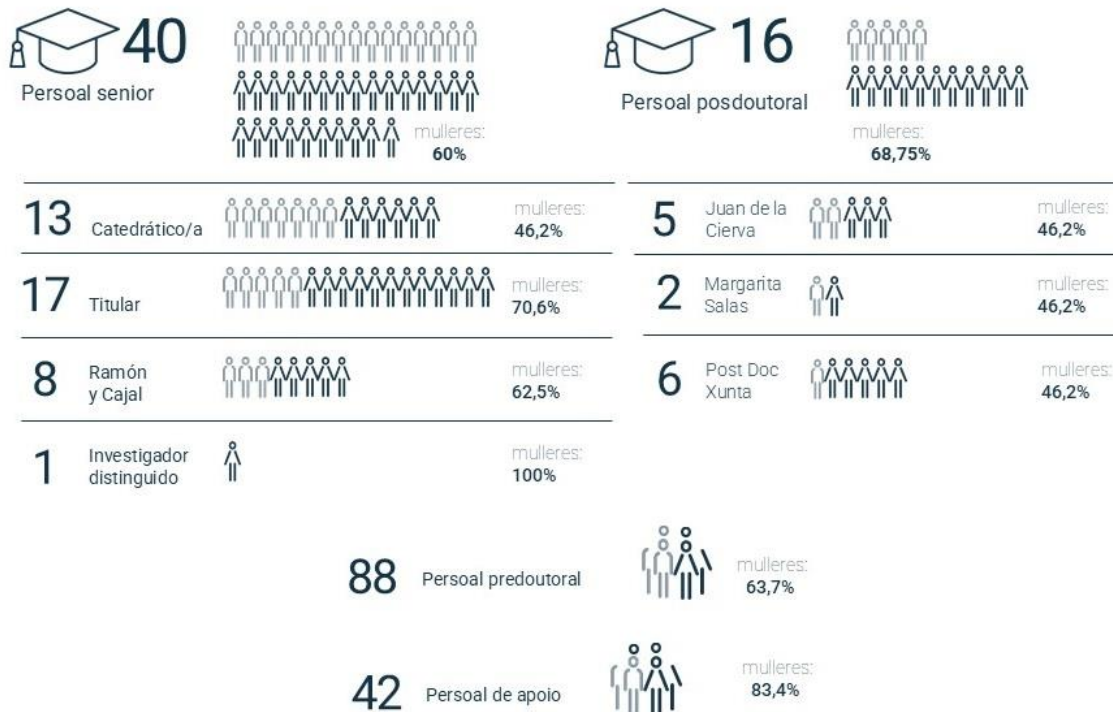


Figure 4: IAA staff distribution by category and gender.

4. SCIENTIFIC AREAS AND RESEARCH LINES

4.1. STRATEGIC SCIENTIFIC PROGRAM

VISION

To become a reference Institute at the intersection of agricultural and food research from an agroecological perspective, promoting an active commitment to intelligent scientific specialization through a strong emphasis on collaboration and impact generation. In pursuit of this goal, the Institute embraces excellence as an organizational culture, creating an attractive scientific environment to support competitive research careers and foster leading multidisciplinary teams in the creation of new knowledge and the development of solutions to the most pressing challenges in agri-food systems.

MISSION

To promote an interdisciplinary and excellent research environment, capable of generating new knowledge and solutions that contribute to the transition toward an agri-food system able to ensure and provide healthy, safe, and resilient food in a context marked by major global

changes, including climate change, while preserving biodiversity and contributing to the Sustainable Development Goals.

VALUES AND PRINCIPLES

The Institute of Agroecology and Food (IAA) guides its activities through a set of principles and values that reflect our commitment to scientific excellence, professional ethics, and social responsibility. These principles and values form the foundation on which we build our daily work and our relationships with the community, collaborators, and the environment.

Below, we present the main principles and values that guide our work at the IAA:

- Differentiated research: realized through a scientific agenda specialized in agroecology and food.
- Scientific excellence: The Institute's competence in the scientific field establishes excellence as a goal and culture in the development of research staff and its organizational structure.
- Collaboration and interdisciplinarity: both among the Institute's own research staff and with other research units and actors in the agri-food sector.
- International positioning: promoting collaboration with leading researchers and centers, and fostering competitiveness in international funding programs and frameworks.
- Alignment with major global challenges: research priorities and lines aligned with European and worldwide R&D&I policies and priorities.
- Sustainability: seeking sustainable solutions to the major contemporary and future challenges of agri-food systems.
- Commitment to equal opportunities: recognizing cultural, demographic, and social diversity, and particularly gender equality, to enhance research quality and contribute to scientific excellence.
- Commitment to open science and scientific outreach: making knowledge an instrument for social transformation and progress.
- Alignment with the local context: focusing on value chains related to pastures and forage, cereal and potato production, viticulture, chestnut, and horticultural products.

4.2. SCIENTIFIC AREAS AND RESEARCH LINES

Research Priorities

Priority 1. Soil Health and Quality. Soil health is of great importance for global sustainability. According to the European Commission, it is essential to ensure the health of at least 75% of soil by 2030 to guarantee the existence of healthy food, people, nature, and climate.

Priority 2. Crop Management and Cultivation. In a context where the climate is increasingly unpredictable, dependence on fossil fuels must be reduced, and arable land and water resources

are diminishing or deteriorating, the intensification of agriculture represents an unprecedented challenge.

Priority 3. Food Quality and Safety. Food quality refers to ensuring that food is nutritious, safe, and acceptable to consumers.

Priority 4. By-product Management and Valorization. Environmental pollution is one of the greatest problems facing humanity today. A key issue is the contamination resulting from the large quantities of waste that are continuously generated.

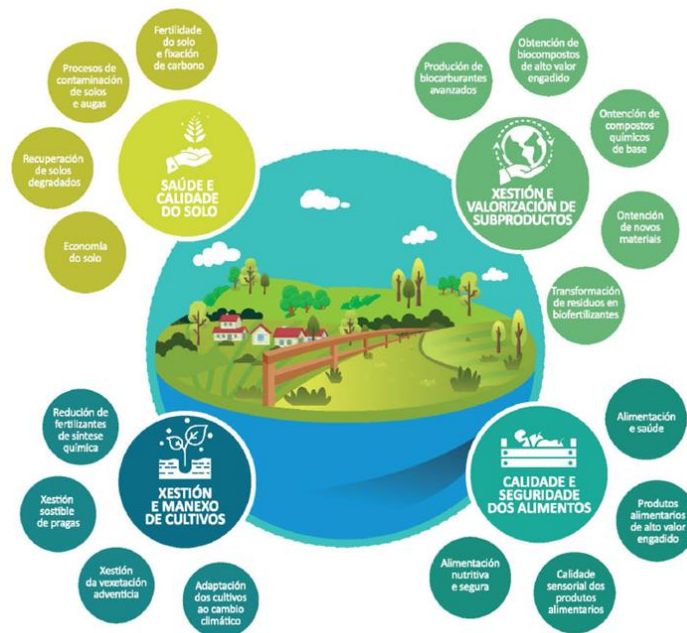


Figure 5: Research Priorities and Lines at the IAA.

5. HUMAN RESOURCES

As of 31 December 2024, the Institute of Agroecology and Food (IAA) had a total of 186 members, categorised by profession. Of these, 40 held senior positions, 16 were postdoctoral researchers, 88 were pre-doctoral researchers, and 42 were support staff. This distribution reflects a balance of experience and responsibility levels within the Institute, combining experienced talent with staff in training.

Table 1. Number of Members by Category and Gender.

	SENIOR	POSTDOCTORAL	PREDOCTORAL	RESEARCH SUPPORT	TOTAL
MUJERES	24	11	56	35	126
HOMBRES	16	5	32	7	60
TOTAL	40	16	88	42	186
% MUJERES	60%	68.75%	63.63%	83.33%	67.75%
% HOMBRES	40%	31.25%	36.37%	16.67%	32.25%

Regarding gender distribution, 126 members were women (67.75%) and 60 were men (32.25%). Particularly high percentages of women are observed among support staff (83.33%) and predoctoral researchers (63.63%), while senior and postdoctoral staff also show a higher female representation (60% and 68.75%, respectively). These data highlight notable gender diversity across all professional categories within the Institute.

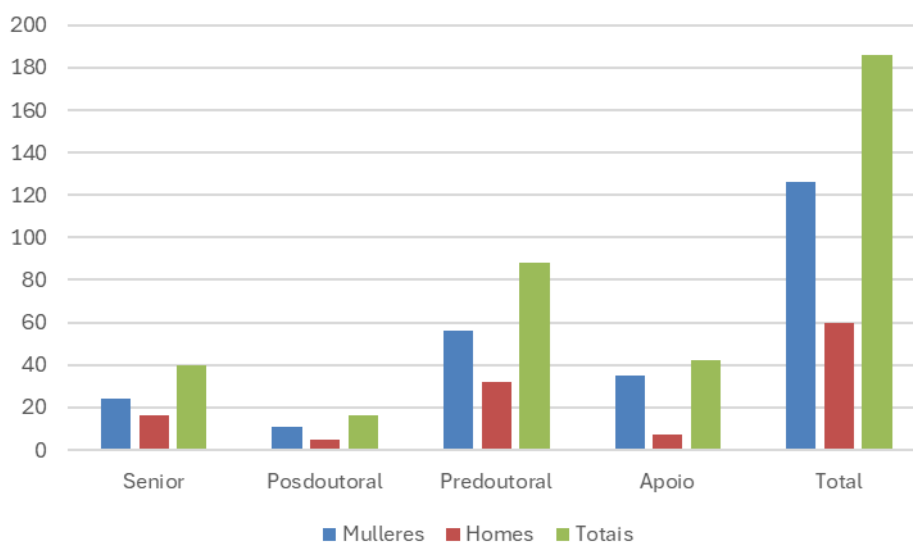


Figure 6: Distribution of Staff Affiliated with the IAA

IAA members are distributed across different research groups, reflecting the diversity of the Institute’s lines of work in the areas of agroecology and food. The following section presents the distribution of staff by group, allowing a clear overview of both the overall composition and the presence of each professional category within each group.

The distribution of members by research group can be seen in Table 2 and Figure 8.

Table 2. Number of Members by Category and Research Group.

	Senior	Postdoc.	Predoc.	Support	Total
Investigacións Agrarias e Alimentarias (AA1)	5	3	31	3	42
Pranta, Solo e Aproveitamento de Subprodutos (BV1)	6	5	7	10	28
Nutrition and Food Group (NuFoG)	1	1	24	0	26
Grupo de Investigación en Sistemas Agroambientais (GISA)	5	3	7	2	17
Food and Health Omics (CF1)	7	0	4	2	13
Biorrefinería e Valorización da Biomasa (Bio2Val)	3	1	5	3	12
Agrobioloxía Ambiental: Calidade, Solos e Plantas (BEV1)	2	3	0	6	11
Bioteχνoloxía e Calidade en Industrias Agroalimentarias e Medio Ambiente (ByCIAMA)	3	0	2	4	9
Other groups / No group affiliation	8	0	8	12	28
Total	40	16	88	42	186

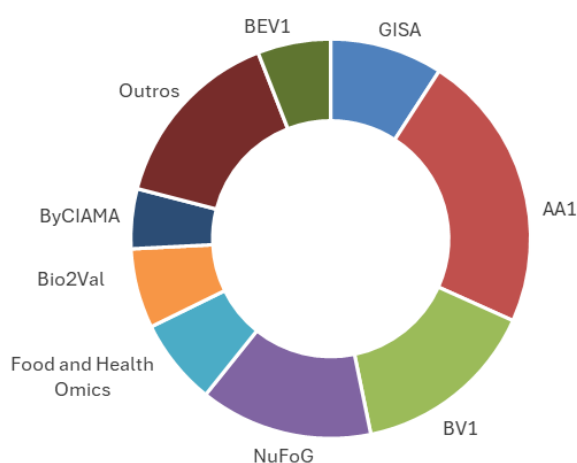


Figure 7: Distribution of staff by research groups

5.1. HUMAN RESOURCES BY CATEGORY

The number of members of the Institute increased by 36 during 2024, mainly due to the formal inclusion of predoctoral and support staff belonging to the teams led by members classified under the Senior Staff category. The evolution in the number of members is shown in Table 3.

Table 3. Evolution of the number of members by category and gender.

	2020*		2021*		2022		2023		2024	
	H	M	H	M	H	M	H	M	H	M
Total Staff	31	52	25	44	21	44	50	99	60	126
Senior Staff	19	14	18	19	10	14	14	22	16	24
Postdoctoral Staff	4	6	4	10	5	5	8	9	5	11
Predoctoral Staff	4	14	2	11	2	12	22	48	32	56
Technical Support Staff	4	18	1	4	4	13	6	20	7	35

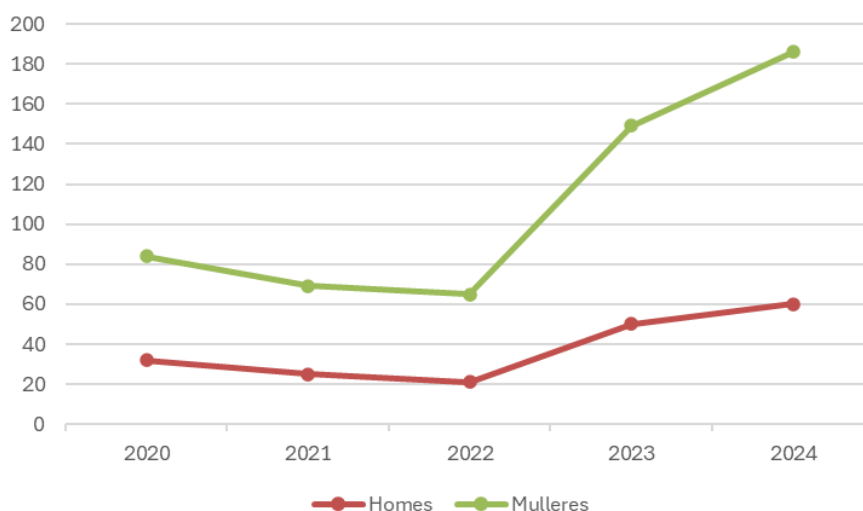


Figure 8: Evolution of IAA staff by gender (2020–2024).

5.2. TALENT ACQUISITION

The Scientific Committee approved the admission of 5 new Senior members.

Table 4. New members in the Senior Staff category.

Surname	Name	Category	Research Group
Arenas Lago	Daniel	Ramón y Cajal Researcher	BV1
Lorenzo Rodríguez	José Manuel	Associate Professor (Adjunct)	-
Moure Varela	Andrés	Associate Professor (Tenured)	EQ2
Otero Fuertes	María Paz	Ramón y Cajal Researcher	AA1
Reboredo Rodríguez	Patricia	Ramón y Cajal Researcher	CF1

The postdoctoral staff underwent renewal, with 4 new individuals joining throughout 2024.

Table 5. New Members in the Postdoctoral Staff Category.

Surname	Name	Category / Type of contract	Research Group
Álvarez Rodríguez	Sara	Postdoctoral Fellowship – Xunta de Galicia	BEV1
Campillo Cora	Claudia	Postdoctoral Fellowship – Campus Auga	BV1

Surname	Name	Category / Type of contract	Research Group
Ferreira Santos	Pedro Miguel	Postdoctoral Fellowship – Campus Auga	Bio2Val
González Pereira	Antía	Postdoctoral Fellowship – Xunta de Galicia	AA1

The staff structure was finalized at the end of 2024, showing an increase of 18 predoctoral positions and 16 technical support staff positions compared to the previous year.

6. RESEARCH

6.1. SCIENTIFIC OUTPUT

Scientific output continues to show highly outstanding indicators. In 2024, 217 JCR-indexed publications were achieved, thus maintaining a significant figure, although lower than in 2023. The proportion of Q1 publications remains very high, with 198 papers representing 91% of the total, consolidating the quality of the research output. Stability is also observed in the number of publications in D1 journals, with 101 in 2024.

Table 6. Scientific output.

	2020	2021	2022	2023	2024
JCR publications	260	317	280	317	217
Q1 journal publications	170	230	197	260	198
D1 journal publications	110	109	108	134	101
Book chapters	14	20	20	24	19
Books	1	2	0	3	3
Defended Theses	4	12	11	7	7

The information on the JCR classification of journals was obtained from Clarivate (<https://jcr.clarivate.com/jcr/home>).

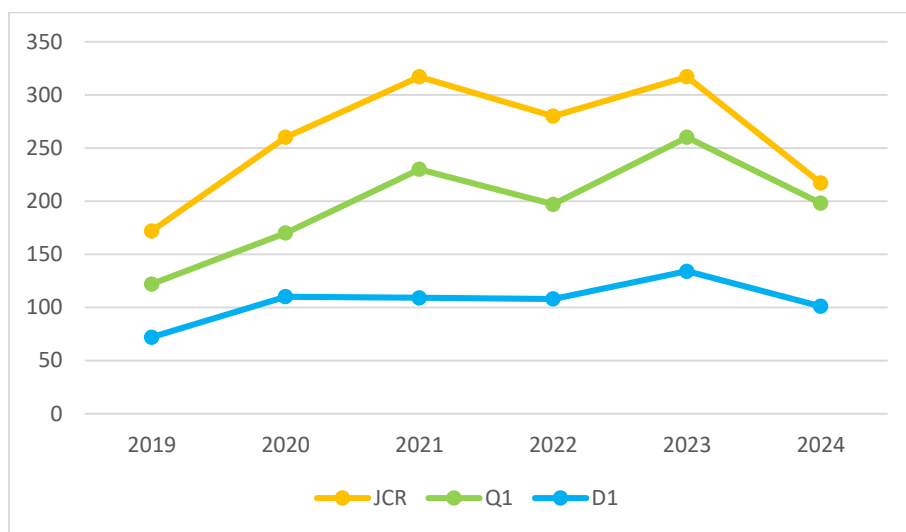


Figure 9: Annual evolution of JCR, Q1, and D1 publications (2019–2024)

The following section presents the list of journals ranked in the top decile of their respective subject areas in which IAA researchers have published.

Table 7: List of Journals in the First Decile of Their Fields.

Journal	Subject Area	Number of Articles
Acta Pharmacologica Sinica	PHARMACOLOGY & PHARMACY	1
Advances in Colloid and Interface Science	CHEMISTRY, PHYSICAL	1
Agricultural and Forest Meteorology	AGRONOMY	1
Agriculture, Ecosystems and Environment	AGRICULTURE, MULTIDISCIPLINARY	1
Antioxidants	FOOD SCIENCE & TECHNOLOGY	3
Carbohydrate Polymer Technologies and Applications	POLYMER SCIENCE	1
Carbohydrate Polymers	CHEMISTRY, APPLIED	1
Comprehensive Reviews in Food Science and Food Safety	FOOD SCIENCE & TECHNOLOGY	1
Conservation Biology	BIODIVERSITY CONSERVATION	1
Critical Reviews in Food Science and Nutrition	FOOD SCIENCE & TECHNOLOGY	27
Current Research in Food Science	FOOD SCIENCE & TECHNOLOGY	2
Environmental Chemistry Letters	ENVIRONMENTAL SCIENCES	1
Environmental Research	ENVIRONMENTAL SCIENCES	3
Environmental Science and Ecotechnology	ENVIRONMENTAL SCIENCES	1
Food Chemistry	FOOD SCIENCE & TECHNOLOGY	14

Journal	Subject Area	Number of Articles
Food Chemistry: X	FOOD SCIENCE & TECHNOLOGY	3
Food Hydrocolloids	FOOD SCIENCE & TECHNOLOGY	1
Food Research International	FOOD SCIENCE & TECHNOLOGY	2
Food Reviews International	NUTRITION & DIETETICS	3
Food Science and Human Wellness	NUTRITION & DIETETICS	2
Future Foods	FOOD SCIENCE & TECHNOLOGY	2
IEEE Geoscience and Remote Sensing Letters	GEOCHEMISTRY & GEOPHYSICS	1
Industrial Crops and Products	AGRICULTURAL ENGINEERING	6
Integrated Environmental Assessment and Management	ENVIRONMENTAL SCIENCES	1
International Journal of Biological Macromolecules	BIOCHEMISTRY & MOLECULAR BIOLOGY	4
Journal of Advanced Research	MULTIDISCIPLINARY SCIENCES	1
Journal of Agricultural and Food Chemistry	AGRICULTURE, MULTIDISCIPLINARY	2
Journal of Environmental Management	ENVIRONMENTAL SCIENCES	2
Journal of Invertebrate Pathology	ZOOLOGY	1
Journal of Medical Internet Research	HEALTH CARE SCIENCES & SERVICES	1
Pharmacological Research	PHARMACOLOGY & PHARMACY	1
Phytomedicine	CHEMISTRY, MEDICINAL	4
Phytotherapy Research	PHARMACOLOGY & PHARMACY	1
Plant Physiology and Biochemistry	PLANT SCIENCES	2
Soil Biology and Biochemistry	SOIL SCIENCE	1
Trends in Food Science and Technology	FOOD SCIENCE & TECHNOLOGY	1

The complete list of articles, book chapters, books, and supervised theses for the year 2024 can be found in [Annexes IV](#) and [V](#).

6.2. INTERNATIONAL CLASSIFICATIONS AND RANKINGS

6.2.1 GLOBAL RANKING OF ACADEMIC SUBJECTS (GRAS)

In November 2024, the Global Ranking of Academic Subjects (GRAS) was published, ranking universities worldwide across different research fields. The University of Vigo stands out in Food Science and Technology, reaching 34th place worldwide, largely driven by the IAA. It also remained within the 201–300 range in Agricultural Sciences, another of the Institute’s research areas.

6.2.2 RANKING STANFORD TOP 2%

Regarding [Stanford’s World’s Top 2% Scientists rankings](#), the most recent data published for 2024 show an increase in the presence of leading researchers. According to this classification, 13 scientists are listed in the Single Year category, while 9 appear in the Career category, which evaluates cumulative citation impact over their professional trajectory.

This trend reflects sustained growth compared to previous years: in 2023 there were 11 scientists in the Single Year category and 8 in the Career category, while in 2022 the figures were 8 and 5, respectively. These data demonstrate a progressive increase in both high-impact scientific output and the international recognition of our researchers over time.

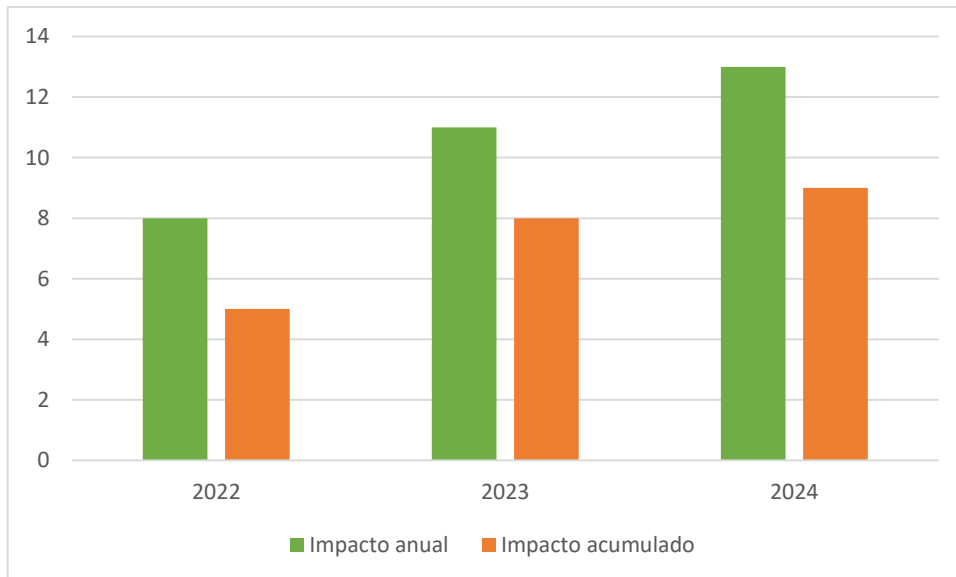


Figure 10: Evolution of the number of top scientists in the Stanford Ranking (2022–2024)

7. INNOVATION, TECHNOLOGY TRANSFER, AND VALORIZATION

7.1. R&D&I ACTIVITY, TECHNOLOGY TRANSFER, AND FUNDING

The capacity to attract competitive funding is significant. In this regard, it is worth highlighting the returns obtained from international programmes, particularly under Horizon Europe, where, despite a limited number of projects, substantial funding is secured, especially through coordinated projects. Participation in calls under the National R&D&I Plan also demonstrates the competitiveness and leadership of the Principal Investigators (PIs) in charge.

In total, 20 projects were launched in 2024: 6 European, 3 national, and 11 regional. The total funding secured amounted to €2,483,755.42.

Table 8. Secured Funding and R&D&I Activities Carried Out.

	2021		2022		2023		2024	
	N.º	Funding €	N.º	Funding €	N.º	Funding €	N.º	Funding €
Total Projects	5	730.943,82	18	2.098.675,66	18	5.677.980,85	20	2.483.755,42
International Projects	1	250.904,88	1	172.828,75	8	4.685.217,44	6	684.390,01
H2020/HE	1	250.904,88	1	172.828,75	7	4.487.785,75	1	460.500,00
INTERREG	-	-	-	-	1	197.431,69	1	123.750,01
Others	-	-	-	-	-	-	4	100.140,00
National Projects	1	164.560,00	6	907.420,00	7	907.761,00 €	3	746.400,00
Regional Projects	3	315.478,94	11	1.018.426,91	3	85.002,41	11	1.052.965,41
Other Projects	-	-	-	-	-	-	-	-
Contracts and Agreements	98	466.111,70	110	441.074,23	111	401.342,73	85	438.590,85

A key strength of the Institute of Agroecology and Food is knowledge transfer. In 2024, the research staff secured a total of 85 R&D contracts signed with companies, raising **€438,590.85** through these collaborative activities. The full list is provided in [Annex III](#).

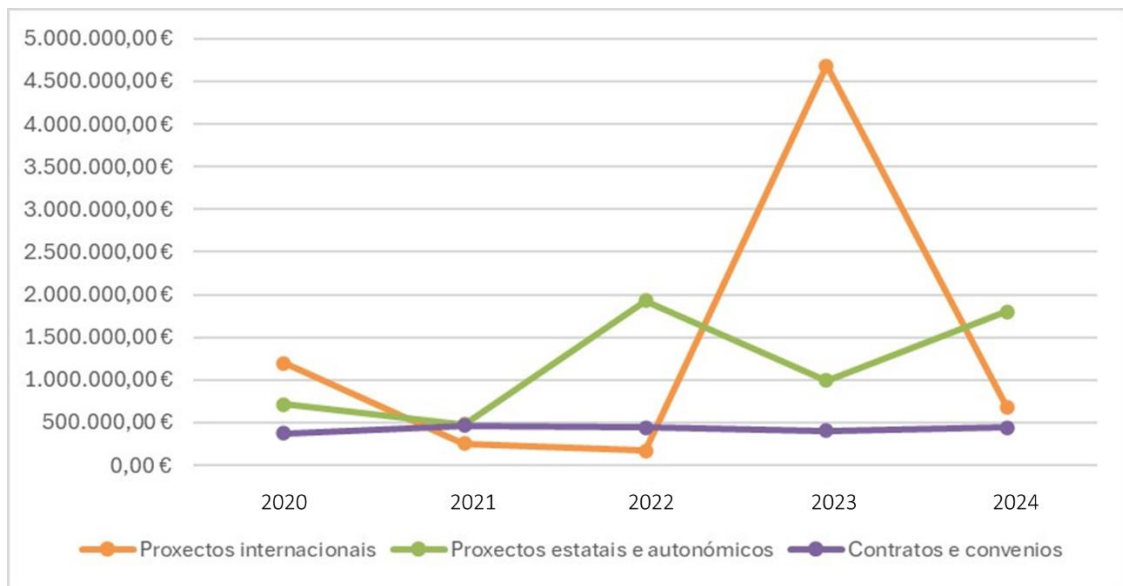


Figure 11: Evolution of funding secured by IAA staff by source (2020–2024)

With the projects initiated in 2024 and the contracts and agreements signed, the IAA reached a total funding of **€2,922,346.27**. During this year, and taking into account ongoing projects, a total of 19 international projects and 40 national and regional projects were active, reaching total funding of **€15,525,934.65**.

A detailed list of these projects, as well as the remaining projects that remained active during the year, is provided in [Annex II](#).

Total de fondos captados

2.922.346,27 €

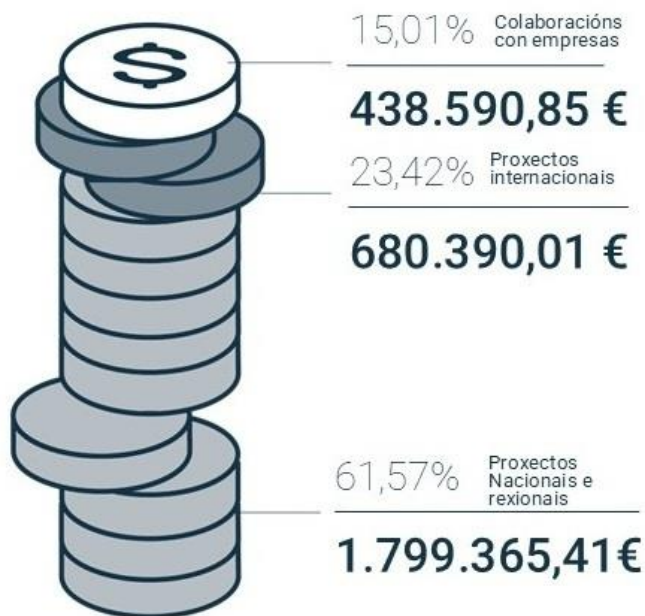


Figure 12: Funding secured by research staff during 2024.

8. COMMUNICATION AND OUTREACH

8.1. COMMUNICATION

Throughout 2024, the Institute took a further step in strengthening its digital presence, consolidating its official website, available at <https://iaa.uvigo.gal/gl/>.

This platform continues to serve as a comprehensive source of information, where key indicators, the Institute’s structure and composition, highlighted events, and news about the IAA and its members can be accessed.

In parallel, the Institute’s official social media channels were maintained and strengthened. The IAA is currently active on platforms such as Facebook, LinkedIn, X (Twitter), Instagram, and YouTube, using these channels to disseminate relevant content, engage with the community, and stay up to date with sector trends.

In addition, the development of outreach and promotional videos continued, available on the Institute’s YouTube channel (https://www.youtube.com/@IAA_UVigo), providing a clear overview of the IAA’s work, mission, and projects.

8.2. OUTREACH

News from the Institute of Agroecology and Food is covered by DUVI, the University of Vigo's news portal. In 2024, it reported on budget allocations, achievements, and projects related to the IAA. [Anexo VII](#) contains an ordered list of all news items published throughout the year.

Press Coverage of the Institute of Agroecology and Food.

Outside the university context, during 2024, various media outlets reported on the activities of the IAA. Publications such as Faro de Vigo, La Región, La Voz de Galicia, and GCIencia, among others, covered news about the Institute's projects and achievements. In total, the IAA was featured in 12 different media outlets, both regional and local, highlighting the public interest and relevance of the work carried out by the Institute.

A complete list of links to news items covering current affairs related to the Institute of Agroecology and Food is provided in [Annex VII](#).

9. INFRASTRUCTURE

9.1. RESEARCH FACILITIES

The Institute has its formal headquarters and main facilities on the first floor of the Campus Auga Building, at the Ourense Campus, occupying an area of 629.20 square meters, of which 350.90 square meters correspond to 9 laboratories. There are also laboratories associated with the Institute in other parts of the Campus Auga Building, in the Polytechnic Building of Ourense, and in the Faculty of Biology in Vigo, where the Institute's research staff carry out a significant part of their work.

Regarding the main common resources available to the Institute, the following should be highlighted:

Pilot Plant for Agri-Food Industries (Auga Campus Building)

The pilot plant enables research groups from the Institute and companies that request its services to scale up basic research results to an industrial level. To cover the most important areas of the Galician food sector, four processing lines were designed:

- Dairy products line.
- Fish/meat and seafood/meat products line.
- Vegetable products, canned goods, and bakery/pastry products line.
- Wine line.
- Beer line

The equipment in these lines allows the processing and control of food under conditions like those used in agri-food industries, to study and optimize food production processes, and to evaluate the influence of different parameters on product quality.

Integrated Comprehensive Analytical Platform for Mass Spectrometry (Auga Campus Building – CACTI)

This infrastructure consists of two high-resolution, exact-mass mass spectrometry systems, which include:

1. Nano LC 425 system and SCIEX Triple TOF 660 mass spectrometer: This equipment is dedicated to proteomics, one of the high-throughput or “omics” analysis techniques, focused on the large-scale study of proteins and providing information about their biological function.
2. UPLC Exion LC AD system and SCIEX Triple TOF 660 mass spectrometer: This system enables advanced research in the environmental and agri-food fields, opening new frontiers in the study of persistent organic pollutants (POPs), antimicrobials, and their metabolites, as well as their interactions with other components of environmental compartments (water, sediments, sludge, etc.) and agri-food samples (proteins, lipids, carbohydrates, etc.).

Waste Valorization Laboratory (Greenhouse)

This laboratory is equipped with a steam explosion reactor and a titanium continuous-mixing reactor.

The steam explosion reactor features a 2 L digester and includes a steam boiler capable of reaching 250 °C at the corresponding saturation pressure. The steam-based heating configuration allows operation in a matter of seconds (with clear advantages over systems that use liquid water, which require times ranging from 30 minutes to several hours). The reactor is opened via a discharge valve that enables sudden decompression. Pressure and temperature are controlled automatically through multiple sensors.

The titanium continuous-mixing reactor allows operation under different stirring regimes (up to 100 rpm), pressures (up to 150 bar), and temperatures (up to 200 °C).

Hg and organomercury species analysers in environmental and food matrices (Campus Auga Building)

Analyzer for organic Hg species (methyl-Hg and ethyl-Hg) using high-performance liquid chromatography with atomic fluorescence detection (HPLC-AFS). It includes an FS detector for Hg, a CV generator, software, an Hg lamp, an autosampler, a peristaltic pump, and a high-performance liquid chromatograph for Hg species measurement (HPLC-AFS). This equipment enables the determination of organomercury species in various environmental matrices (water, soils, sediments, vegetation), food samples, and waste from different sources. In all cases, prior digestion of the matrices is required.

Total Hg analyser using cold vapor atomic fluorescence and absorption spectroscopy (CV-AFS-AAS). It includes an autosampler (36–89 positions), a mixing reaction block, a gas purification system, a peristaltic pump, an atomic fluorescence detector (CV-AFS), and a dedicated software interface. This equipment is used to determine total Hg levels in aqueous extracts from environmental matrices (water, soils, sediments, vegetation), food, and different types of by-products.

Large-format X-ray computed tomography (CT-X) and high-resolution equipment (Campus Auga Building)

X-ray computed tomography (CT) is a technique that allows the internal structure of objects to be studied without altering them. Using the Yxlon FF20 CT system, it is possible to analyze samples weighing up to 17 kg, with maximum dimensions of 28 cm in diameter and 70 cm in height. Given these sample size limitations, this tomograph is not intended for medical use (the most common application of X-ray CT), but rather for the precise determination of the morphological characteristics of the internal structure of smaller samples.

CT analysis can be applied in different fields:

- In soil science, it is commonly used for studying pore networks, segmenting the different soil components, and modelling transport processes.
- In geology, for the parameterization of the morphological properties of rocks and minerals.
- In materials science, to characterize the three-dimensional structure of polymers, foams, and ceramics, among others.
- In metrology, for measuring components in the automotive or aerospace industries.
- In palaeontology, for the study of fossils.
- It can also be used in the study and preservation of cultural heritage, as it allows the analysis of the composition of fragile objects (vessels, manuscripts, paintings, etc.) without the need for sampling or altering their integrity.

Third-category radioactive facility (Campus Auga Building)

This facility allows work with unsealed radioactive sources of tritium (^3H) and carbon-14 (^{14}C). Among the techniques already in use are the determination of bacterial growth in soils and water using the method of leucine incorporation labelled with ^3H , as well as the determination of fungal growth in the same matrices using the method of sodium acetate incorporation labelled with ^{14}C into ergosterol.

This facility is equipped with an HPLC system with a DAD detector connected to a fraction collector used for ergosterol separation, as well as a liquid scintillation counter.

Phytotron (Faculty of Biology; Greenhouse)

A phytotron is a climate-controlled chamber for plant growth and cultivation that allows simultaneous control of temperature, humidity, and lighting, creating the optimal climatic conditions required by the species being cultivated. Three climate chambers equipped with the

phytotron system are located at the Faculty of Biology, and one will be operational in the Greenhouse by the end of 2022.

The phytotron can be used for a variety of purposes, including, among others, in vitro cultivation of different plant varieties, the study of the chemical profile of plant species under stress conditions and its influence on diet, the study of the invasive capacity of alien species in Galicia, or the bio-herbicidal potential of natural compounds on different weed species.

Greenhouse

In addition to hosting other facilities, the greenhouse allows plant cultivation under semi-controlled conditions, enabling a larger scale than the phytotron and conditions that are closer to real-life environments. It enables trials of new fertilizers, bio-pesticides, etc. It also allows phytotoxicity assays of different types of substances to be carried out.

Among the objectives of this facility, in addition to small-scale plant cultivation for research purposes, are the dissemination of plant production methods and the provision of scientific and technical advice to the community, both academic and non-academic.

Instrumental Analysis Laboratory

The laboratory is equipped with a wide range of advanced instruments for the characterization and analysis of samples:

- **ICP-OES:** Inductively Coupled Plasma Optical Emission Spectroscopy. Used for the analysis of metallic and non-metallic elements in liquid samples (excluding C, N, O, H, F, noble gases, and some rare earth elements).
- **Gas chromatograph with FID and ECD detectors:** Determination of greenhouse gases and fatty acids.

In 2024, the laboratory acquired new equipment to expand its analytical capabilities, including:

- **Agilent 1200 Series HPLC (DAD and IR):** High-performance liquid chromatography system with DAD and IR detectors. It enables the separation, identification, and quantification of compounds in solution from various matrices (agri-food, environmental, pharmaceutical, etc.).
- **Agilent 1260 Infinity II UHPLC (RID and MWD):** Ultra-high-performance liquid chromatography system with RID and MWD detectors. It enables the separation, identification, and quantification of compounds in different matrices.
- **Agilent Cary 60 UV-Vis spectrophotometer:** Wavelength range from 190 to 1100 nm. It is ideal for routine analyses in pharmaceuticals, biotechnology, chemistry, biochemistry, and materials science, as well as in teaching laboratories (purity and concentration of active pharmaceutical ingredients, APIs).

- **FTIR-ATR (Fourier Transform Infrared Spectroscopy – Attenuated Total Reflectance):** Technique used to identify and characterize materials through infrared light absorption. It allows obtaining spectra of solids, liquids, and pastes without the need for dissolution (range 400–5000 cm^{-1}).
- **PCE-RVI 2 viscometer:** Determines viscosity by measuring mechanical resistance to the rotational movement of the spindle (four spindles: L1, L2, L3, L4), with a range of 20–100,000 cP and adjustable speed between 6 and 60 rpm. Applications in food science and materials science.
- **MP-AES (Microwave Plasma-Atomic Emission Spectroscopy):** Quantitative determination of metallic and non-metallic elements in various liquid matrices.
- **Segmented flow analyzer:** Automated instrument for continuous chemical analysis of liquid samples. It enables the determination of bromide, nitrate, nitrite, fluoride, ammonium, phosphate, total alkalinity, sulfate, and chloride in environmental samples, food and beverages; it is also used for quality control in the pharmaceutical industry and clinical testing.

Research, Transfer and Innovation Centre (CITI) and Scientific and Technological Support Centre for Research (CACTI)

Finally, it is also worth highlighting that the Institute's research staff can make use of the pilot plant at the Center for Research, Transfer and Innovation (CITI). This facility offers great versatility, allowing both scale-up trials of processes developed in research laboratories and proof-of-concept studies as well as experimental production runs. The ICP-OES is located at CACTI.

Work is currently underway on the LIMS system to make all the infrastructure of the Institute of Agroecology and Food available to researchers and to society.

9.2. NEW EQUIPMENT ACQUISITIONS

In 2024, the Institute of Agroecology and Food (IAA) acquired a series of state-of-the-art instruments that expand its research, analytical, and development capabilities in agri-food science, biotechnology, chemistry, and materials science. These acquisitions enhance the precision, efficiency, and safety of experimental processes, as well as the quality of the analyses performed.

In addition to the previously mentioned acquisitions (Agilent 1200 Series HPLC, Agilent 1260 Infinity II UHPLC, Cary 60 UV-Vis spectrophotometer, FTIR-ATR, PCE-RVI 2 viscometer, MP-AES, and segmented flow analyzer), the IAA also incorporated the following equipment:

- **80°C ultra-low temperature freezer:** refrigeration system for the preservation of samples at extremely low temperatures.

- **GNSS RTK Leica GS18 and CS20:** high-precision equipment for field topographic measurements.
- **Routine biological microscope:** a convenient and efficient instrument for observing biological samples.
- **Foodini 3D food printer:** enables the three-dimensional printing of food from purées and pastes using specialized software.
- **Freeze-drying system:** used for sample dehydration by sublimation, preserving their structure and properties.
- **Sausage stuffer:** equipment used in filling processes for sausage production.
- **Vacuum meat mixer:** used in the meat industry to improve meat texture and flavour through marination.

These additions complement the previously acquired equipment, consolidating the IAA as a benchmark in innovation and technology in agri-food research. They enable high-quality analyses and facilitate innovative solutions to the sector's challenges.

9.3. SINGULAR LABORATORIES

Continuing the actions initiated in 2023 under the **Interreg Net4Food project**, the Institute of Agroecology and Food strengthened its collaboration in 2024 with the **Polytechnic Institute of Bragança (IPB)** and other entities within the Galicia–Northern Portugal Euroregion. In this new phase, efforts focused on the development of the **Net4Food Strategic Plan (2025–2028)**, a preliminary step towards the creation of the **Iberian FoodTec Laboratory (Iberian FoodTec Lab)**, which will serve as a permanent structure for scientific and technological cooperation in sustainable, safe, and healthy food systems.

During 2024, the IAA actively participated in defining the strategic pillars, governance model, and priority areas of action of the future laboratory, as well as in drafting a comprehensive planning document that establishes the actions, responsibilities, and monitoring indicators for the 2025–2028 period. Among the main activities carried out, the following stand out:

- The drafting and validation of the Net4Food Strategic Plan, which sets out the mission, vision, and governance structure of the Iberian FoodTec Laboratory.
- The identification of scientific specialisation areas, such as functional and sustainable food, emerging technologies for food production and control, food safety, and the circular economy.
- The mapping of research capacities and infrastructures of partner institutions, aimed at identifying synergies and avoiding duplication.
- The creation of cross-border working groups focused on the preparation of joint projects and the definition of priority research lines.
- The first phase of the preparation of a new POCTEP project proposal (to be submitted in 2025) for the initial funding of the Iberian FoodTec Laboratory and the consolidation of its operational structure.

Thanks to these developments, the IAA contributed to the consolidation of the Net4Food Network as a reference platform for scientific and technological cooperation in the Galicia–Northern Portugal Euroregion, laying the foundations for the launch of the Iberian FoodTec Laboratory, whose activities are expected to begin in 2025.

10. FOLLOW-UP OF THE ACTION PLAN

The 2024 report continues the monitoring of the actions planned in the Institute’s founding report published in November 2022, as well as the tasks and objectives established in previous annual reports. During this period, an assessment was carried out on the degree of implementation of the planned actions, evaluating both the completion of tasks and the level of achievement of the expected objectives.

Given that available funding remains limited, the implementation of actions was constrained; however, it still allows for the identification of progress, limitations, and opportunities for improvement in future years.

10.1. PILLAR 1. RESEARCH

Activity 1.1 Porfolio of Strategic Projects

During 2024, efforts continued to consolidate the portfolio of strategic projects, achieving significant participation in new national and international calls.

Activity 1.2 Internal Seminar Programme

Activity not initiated due to lack of funding.

Activity 1.3 Call for Collaborative Projects

Not started, pending funding.

Activity 1.4 Infrastructure and Equipment Programme

Work continued on the mapping of existing infrastructures and equipment (T.1.4.1). The following two steps (needs analysis and funding plans) have not yet been initiated, with the intention of starting them during 2025.

During this period, 14 scientific and technical instruments were acquired to strengthen the experimental capacity of the laboratories at the Ourense Campus. These include a –80°C ultra-low temperature freezer, a Leica GNSS RTK system, a biological microscope, a 3D food printer, a freeze-drying system, a sausage stuffer, a vacuum mixer, Agilent HPLC and UHPLC chromatography systems, a UV-Vis spectrophotometer, an FTIR-ATR system, a viscometer, an MP-AES system, and a segmented flow analyzer.

The equipment was integrated into different laboratories, with particular emphasis on the Instrumental Analysis Laboratory, contributing to the improvement of scientific infrastructure and the modernization of facilities.

Activity 1.5 Scientific Production and Open Science Policy

During 2024, the IAA's Open Science policy was presented. In addition, a total of 130 Open Access articles were published, which, combined with those from previous years, amount to a total of 590 articles.

Table 9. Summary of the tasks carried out under Axis 1 of the action plan for the 2022–2024 period.

	Tasks	Monitoring Indicator	Completed	Period
1.1	Portfolio of Strategic Projects	Number of R&D&I projects submitted aligned with the Agenda	56	01/01/2022-31/12/2026
1.2	Internal Seminar Programme	Number of internal seminars organised	No iniciado	01/01/2022-31/12/2026
1.3	Collaborative Project Programme	Number of internal collaborative projects funded	No iniciado	01/01/2022-31/12/2026
1.4	Infrastructure and Equipment Programme	Number of equipment items acquired	18	01/01/2022-31/12/2026
1.5	Scientific Production and Open Science Policy	Number of open access articles published	590	01/01/2022-31/12/2026

10.2. PILLAR 2. TALENT AND HUMAN RESOURCES

Activity 2.1 Analysis of staffing needs

During 2024, progress was made in the analysis of staffing needs for research, technical, and management personnel within the Institute, with the aim of defining the specialized profiles required for the implementation of the Scientific Agenda and the consolidation of R&D&I activities. The process was not fully completed and will continue to be developed throughout 2025.

Activity 2.2 Talent attraction strategy

Juan de la Cierva Fellowships:

- Jorge Antonio Custodio Mendoza; Food & Health Omics. Approved in 2024 for implementation starting in January 2025.

University of Vigo Postdoctoral Fellowships:

- Antía González Pereira; Investigacións Agrarias e Alimentarias.
- Lucía Victoria Cassani Menéndez; Investigacións Agrarias e Alimentarias.

Campus Auga Fellowships:

- Claudia Campillo Cora; Pranta, Solo e Aproveitamento de Subprodutos.

- Pedro Miguel Ferreira Santos; Biorrefinería e Valorización da Biomasa.

Campus Auga Predoctoral Fellowships:

- Lara Acemel Míguez; Pranta, Solo e Aproveitamento de Subprodutos.
- Icíá Gómez Pérez; Food & Health Omics.
- Sonia Iglesias Cimadevila; Investigacións Agrarias e Alimentarias.
- Cecilia Araceli Martínez Castillo; Pranta, Solo e Aproveitamento de Subprodutos.
- Andrea Parente Sendín; Pranta, Solo e Aproveitamento de Subprodutos.

Internal talent recruitment has not yet been implemented due to lack of funding.

Activity 2.3 Programme for the recruitment of technical support and research management staff

During 2024, new contracts were secured to strengthen research teams and the management of laboratories and infrastructure. These include 1 Senior Technical Support Staff member for Research, responsible for coordinating infrastructure and laboratories; 2 Specialist Technical Support Staff members for Research, providing infrastructure management and laboratory support; and 1 Senior Technical Support Staff member for Research acting as technical manager for R&D&I. These appointments contribute to the efficiency and continuity of scientific and innovation activities.

A PTA contract was also applied for (successfully awarded), with commencement scheduled for 2025.

Activity 2.4 Researcher and Visiting Staff Mobility Programme

Not started due to lack of funding.

Table 10. Summary of the tasks carried out under Axis 2 of the action plan for the 2022–2024 period.

	Tasks	Monitoring Indicator	Completed	Period
2.1	Analysis of research, technical, and management staff needs	Table of staffing needs	Not started	01/01/2022-31/12/2026
2.2	Talent recruitment strategy		50	01/01/2022-31/12/2026
2.3	Programme for the recruitment of technical support and research management staff	Number of human resources calls successfully applied to	9	01/01/2022-31/12/2026
2.4	Researcher and Visiting Staff Mobility Programme	Number of researchers who completed a research stay / Number of visiting researchers	Not started	01/01/2022-31/12/2026

10.3. EIXE 3. TRAINING

Activity 3.1 Design of a Master’s Programme in Agroecology and alignment with existing programmes

Pending negotiation with the Faculty of Science.

Activity 3.2 Industrial Doctorate Programme

Not started.

Activity 3.3 Early-career research support programme

Not started due to lack of funding.

Activity 3.4 Mentoring programme to support the research careers of early-stage researchers joining the centre

Not started due to lack of funding.

Activity 3.5 *Summer School in Agroecology and Food*

Not started due to lack of funding.

Activity 3.6 Training courses in transversal skills and technical competencies

Not initiated due to lack of funding. In 2024, work was carried out on the development of a needs mapping exercise.

Table 11. Summary of Pillar 3 tasks of the 2022–2026 Action Plan.

	Tasks	Monitoring Indicator	Completed	Period
3.1	Design of a Master’s Programme in Agroecology	Feasibility study	Not started	01/01/2022-31/12/2026
3.2	Industrial Doctorate Programme	Number of applications to industrial doctorate programmes	Not started	01/01/2022-31/12/2026
3.3	Early-career research support programme	Number of early-career research grants awarded	Not started	01/01/2022-31/12/2026
3.4	Mentoring Programme	Number of active mentors / Number of mentored early-stage researchers	Not started	01/01/2022-31/12/2026
3.5	Summer School in Agroecology and Sustainable Food	Number of Summer Schools organised	Not started	01/01/2022-31/12/2026
3.6	Training courses in transversal skills and technical competencies	Number of course participants	Not started	01/01/2022-31/12/2026

10.4. PILLAR 4. TRANSFER AND INNOVATION

Activity 4.1 Forum for engagement with the Galician agri-food sector

The Institute has an active presence in the Galician Food Cluster (CLUSAGA) and in the Wine Technology Platform (PTV).

Within the framework of the POCTEC NET4FOOD project, two meetings with the sector were held, one in Santiago de Compostela and another in Braga.

Activity 4.2 Promotion of collaborative projects and contracts

No, except for FEADER Operational Group projects. In the 2022–2023 period, two Operational Groups were launched.

Activity 4.3 Chair in Agroecology and Food

This does not exist, although the IAA is currently part of the Coren Chair.

Activity 4.4 Development of a service catalogue and technological offer

In 2024, the process initiated the previous year was completed, and the catalogue of services and technological offerings is now available on the website for public consultation.

Table 12. Summary of Pillar 4 tasks of the Action Plan.

Tasks	Monitoring Indicator	Completed	Period
4.1 Forum for engagement with the Galician agri-food sector	Number of events in which the Institute’s research and management staff participate	4	01/01/2022-31/12/2026
4.2 Promotion of collaborative projects, contracts and chairs	Promotion of collaborative projects, contracts and chairs	2	01/01/2022-31/12/2026
4.3 Chair in Agroecology and Food	Chair in Agroecology and Food	Chair in Agroecology and Food	01/01/2022-31/12/2026
4.4 Development of a service catalogue and technological offer	Development of a service catalogue and technological offer	Development of a service catalogue and technological offer	01/01/2022-31/12/2026

10.5. PILLAR 5. INTERNATIONALISATION

Activity 5.1 Mapping of collaborations and strategic alliances

Activity not started.

Activity 5.2 Creation of the Iberian Food Laboratory euroregional institute

During 2024, progress was made in strengthening collaboration within the Galicia–Northern Portugal Euroregion, highlighting the development of the Net4Food Network Strategic Plan, the definition of priority research areas, and the preparation of a POCTEP project proposal for the initial funding of the Iberian FoodTec Lab.

Activity 5.3 Positioning in networks and platforms

During 2024, this activity remained uninitiated, pending implementation. It continues to be a priority to strengthen the Institute’s international positioning through integration into relevant scientific networks and platforms, as well as participation in editorial boards of high-impact journals.

Activity 5.4 Participation in European projects

Table 13. European projects launched in 2024.

Project	Call	Funding amount (€)
NEWPOWER - Valorización integral de residuos agroforestais: novas biorrefinerías multiproducto escalables	Interreg VI-B SUDOE 2021–2027	123.750,01 €
SOSFood - Sustainability Optimization for Secure Food Systems	HORIZON-CL6-2023-GOVERNANCE-01	460.500,00 €
EnvAgro - Unravelling the impact of (micro-) plastics in agricultural soils: towards environment-friendly food production in the Euroregion Galicia and Minho	UVigo-UMinho	10.000,00 €
Stop Forest Fire For 5GREEN	Erasmus+ KA220-SCH	35.140,00 €
Algal-derived functional additives for ensured safety and efficacy (ALGAESAFE)	EUBA-EFSA-2023-ENREL-01-GA13	27.500,00 €
INNOV2SAFETY - Risk assessment of replacing synthetic preservatives with natural ingredients	EUBA-EFSA-2023-ENREL-01-GA13	27.500,00 €

Table 14. Resumen de las tareas del PILLAR 5 del plan de acción.

Tasks	Monitoring Indicator	Completed	Period
5.1 International Partnerships Policy	Number of partnerships established through collaboration agreements	Not started	01/01/2022-31/12/2026
5.2 Creation of the Iberian Food Laboratory euroregional institute	IFB creation project	In progress	01/01/2022-31/12/2026
5.3 Positioning in networks and platforms	Number of participations in meetings of relevant networks and platforms	Not started	01/01/2022-31/12/2026
5.4 Participation in European projects	Number of European projects secured	9	01/01/2022-31/12/2026

10.6. PILLAR 6. POSITIONING AND VISIBILITY

Activity 6.1 Strategic alliances in the R&D&I field

Pending implementation, the development of collaboration agreements with entities such as ECOBAS, CINBIO, and AtlantTIC, as well as with other research units in Galicia, remains a priority in order to foster an interdisciplinary approach to agri-food research.

Activity 6.2 Positioning within the sectoral environment and organisations

The IAA is part of the governing board of CLUSAGA and is also a member of the Wine Technology Platform (PTV). It participates in meetings of the CLUSAGA board of directors and its innovation committee.

Activity 6.3 Communication programme

News and updates are published on the Institute of Agroecology and Food website: <https://iaa.uvigo.gal/en/latest-news/>. During 2024, a total of 10 news items were published.

Activity 6.4 Outreach and dissemination programme

During 2024, within the framework of this activity, the IAA's Internal and External Communication Plan was drafted as a strategic tool for scientific dissemination and the promotion of a sustainable agri-food model. The plan sets out communication objectives, target audiences, key messages, channels, and actions, ensuring the effective dissemination of research results, the strengthening of the Institute's visibility, and engagement with society. It also includes monitoring mechanisms and performance indicators that allow for the evaluation of impact and ensure continuous improvement.

Table 15. Summary of Pillar 6 tasks of the Action Plan.

Tasks	Monitoring Indicator	Completed	Period
6.1 R&D&I Strategic Alliances	Number of alliances established	Not started	01/01/2022-31/12/2026
6.2 Positioning within the sectoral environment and organisations	Number of meetings attended	12	01/01/2022-31/12/2026
6.3 Communication Programme	Number of news items published	18	01/01/2022-31/12/2026
6.4 Outreach Programme	Number of dissemination events held	Drafting of the communication plan	01/01/2022-31/12/2026

10.7. PILLAR 7. GOVERNANCE, MANAGEMENT AND FUNDING

Activity 7.1 Governance implementation

In 2023, the main governing and advisory bodies of the Institute were established:

- **Board of Directors (10 May 2023)**
- **Scientific Committee (10 May 2023)**
- **External Advisory Committee (10 May 2023)**
- **Equality Committee (10 May 2023)**

In 2024, updates were made to the governance bodies, including a change of secretary and the renewal of the representative member of the researchers affiliated with the Institute. These actions ensure efficient governance and a balanced representation of research staff.

Activity 7.2 Internal regulations and research staff affiliation

During 2023, progress was made in defining the principles and criteria for the affiliation of research staff to the IAA. The Institute's Internal Regulations were approved at the Scientific Committee meeting held on 10 May 2023, and the affiliation criteria—based on merit, capacity, and competence, and adapted to the different stages of the research career—were approved at the Scientific Committee meeting on 25 May 2023.

In 2024, these regulations and criteria remain in force, serving as the framework for the open affiliation of UVigo research staff to the Institute, ensuring a transparent, objective, and academic procedure.

Activity 7.3 Welcome programme for Institute research staff

The Institute plans to systematize the onboarding process for research staff through a Welcome Programme, which will include a Welcome Manual and the organization of both in-person and virtual orientation sessions.

This activity was not initiated in 2023, and it remains unimplemented in 2024. The development of the programme is pending planning and resource allocation, while strengthening the integration of new staff into the Institute remains a priority.

Activity 7.4 Monitoring system and dashboard

The 2024 report constitutes the second annual activity report since the formal establishment of the Institute of Agroecology and Food, continuing the development and consolidation of the monitoring system and the dashboard.

Activity 7.5 Funding plan

Funding is expected to come from the following identified sources:

- Core funding from the Xunta de Galicia calls for research centres and institutes. During 2024, the Xunta de Galicia did not open a call for new research centres and institutes.

- Human resources calls at regional, national, and European level, both for research staff and for management and technical support personnel. During 2024, a total of 57 active contracts were directly linked to funding schemes such as Ramón y Cajal, Juan de la Cierva, Margarita Salas, Xunta de Galicia grants, as well as Campus Auga and FCT predoctoral and postdoctoral fellowships, with an estimated total amount of €1,201,300.
- R&D&I project calls at regional, national, and European level, with special emphasis on collaborative projects: €2,483,755.42.
- Resources generated through services provided using the centre's equipment and laboratories: €438,590.85.
- Agreements with the University of Vigo for the allocation of spaces, equipment, and staff: pending agreement.

Table 16. Summary of Pillar 7 tasks of the Action Plan.

	Tasks	Monitoring Indicator	Completed	Period
7.1	Governance implementation	Number of meetings of governing bodies	8	01/01/2022-31/12/2026
7.2	Internal regulations and research staff affiliation	Number of research staff affiliated to the Institute	143	01/01/2022-31/12/2024
7.3	Research staff welcome programme	Number of researchers hosted	Not started	01/01/2022-31/12/2026
7.4	Monitoring system and dashboard	Number of analyses of dashboard indicators	2	01/01/2022-31/12/2026
7.5	Funding plan	Volume of funding secured	13.110.414 €	01/01/2022-30/12/2026

ANNEXES

ANNEX I: MEMBERS OF THE IAA (31 DE DICIEMBRE DE 2025)

Senior Research Staff

Table 17: Senior Research Staff Affiliated with the IAA.

Surname	Name	Category
Alonso Vega	María Flora	Associate Professor (Tenured)
Araujo Nespereira	Pedro Antonio	Associate Professor (Tenured)
Arenas Lago	Daniel	Ramón y Cajal Researcher
Arias Estévez	Manuel	Full Professor
Cancho Grande	Beatriz	Full Professor
Carballo García	Francisco Javier	Full Professor
Carballo Rodríguez	Julia	Associate Professor (Tenured)
Escuredo Pérez	Olga	Associate Professor (Tenured)
Falqué López	Elena	Associate Professor (Tenured)
Fernández Calviño	David	Associate Professor (Tenured)
Fernández González	María	Associate Professor (Tenured)
Figueiredo González	María	Distinguished Researcher
Franco Matilla	María Inmaculada	Full Professor
Fuciños González	Clara	Associate Professor (Tenured)
Garrote Velasco	Gil	Full Professor
González Barreiro	Carmen	Associate Professor (Tenured)
Gullón Estévez	Beatriz	Ramón y Cajal Researcher
Iglesias Briones	María Jesús	Full Professor
López Periago	José Eugenio	Associate Professor (Tenured)
Lorenzo Rodríguez	José Manuel	Associate Professor (Adjunct)
Martínez Carballo	Elena	Full Professor
Martínez Suárez	Sidonia	Associate Professor (Tenured)
Moure Varela	Andrés	Associate Professor (Tenured)
Nóvoa Muñoz	Juan Carlos	Full Professor
Otero Fuertes	María Paz	Ramón y Cajal Researcher
Pérez Álvarez	María José	Associate Professor (Tenured)
Pérez Gregorio	María Rosa	Ramón y Cajal Researcher
Pérez Guerra	Nelson	Full Professor
Pérez Lamela	Concepción	Associate Professor (Tenured)
Prieto Lage	Miguel Ángel	Ramón y Cajal Researcher
Reboredo Rodríguez	Patricia	Ramón y Cajal Researcher
Reigosa Roger	Manuel Joaquín	Full Professor

Surname	Name	Category
Rial Otero	Raquel	Associate Professor (Tenured)
Rodríguez López	Luis Alfonso	Associate Professor (Tenured)
Rodríguez Rajo	Francisco Javier	Full Professor
Romaní Pérez	Aloia	Ramón y Cajal Researcher
Sánchez Moreiras	Adela María	Full Professor
Seijo Coello	María del Carmen	Full Professor
Torrado Agrasar	Ana María	Associate Professor (Tenured)
Xiao	Jiambo	Ramón y Cajal Researcher

Postdoctoral Research Staff

Table 18: Postdoctoral Research Staff affiliated with the IAA.

Surname	Name	Category/ Type of contract
Álvarez Rodríguez	Sara	Postdoctoral Fellowship Xunta
Campillo Cora	Claudia	Postdoctoral Fellowship Campus Auga
Cao	Hui	Juan de la Cierva Incorporation Fellowship
Cassani	Lucía Victoria	Postdoctoral Fellowship Xunta
Ferreira Santos	Pedro Miguel	Juan de la Cierva Training Fellowship
García Oliveira	Paula	Postdoctoral Fellowship Xunta
García del Río	Pablo	Postdoctoral Fellowship Xunta
González Pereira	Antía	Postdoctoral Fellowship Xunta
González Orenga	Sara	Margarita Salas Fellowship
Guada Prada	Guillermo	Juan de la Cierva Training Fellowship
López González	David	Margarita Salas Fellowship
Meno Fariñas	Laura	Postdoctoral Fellowship Xunta
Pérez Rodríguez	Paula	Juan de la Cierva Incorporation Fellowship
Rodríguez Flores	María Shantal	Distinguished Researcher
Rodríguez Seijo	Andrés	Juan de la Cierva Incorporation Fellowship
Santás Miguel	Vanesa	Postdoctoral Fellowship Xunta

Predocctoral Research Staff

Table 19: Predocctoral Research Staff affiliated with the IAA.

Surname	Name	Category / Type of Contract
Abajo Justel	Marta	PhD candidate
Acconcia	Sara	Research project
Acemel Míguez	Lara	Predoc. Fellowship Campus Auga
Amigo Fernández	Rubén	Permanent

Surname	Name	Category / Type of Contract
Andrade de Faria	Ana Sofia	FCT Fellowship
Añibarro Ortega	Mikel	FCT Fellowship
Bao	Zeyang	China Scholarship Council
Barciela Álvarez	Paula	Predoc. Fellowship Xunta de Galicia
Belhoula	Nora	PhD candidate
Boubertakh	Asma	PhD candidate
Cameselle Llanos	Carla	PhD candidate
Carpena Rodríguez	María	Predoc. Fellowship Xunta de Galicia
Carrera Otero	Lucía	FPI Fellowship
Chamorro Rivo	Franklin	Project-funded staff
Chen	Long	China Scholarship Council
Chen	Shengxiong	China Scholarship Council
Chouza Carou	Manuela	PhD candidate
Correa Gomes	Leonardo	FCT Fellowship
de Carvalho Moreira	Bruna Penedo	FCT Fellowship
Dias Lorenzo	Augusto Duarte	Contract due to production needs
Donn	Pauline	Research project
Echave Álvarez	Javier	FCT Fellowship
Ferreira Espírito Santo	Liliana Patricia	Laboratory technician
Gallego García	Laura	FPU Fellowship
García Vidueira	Raúl	Research project
Ghorab	Asma	PhD candidate
Gómez Pérez	Icía	Research project
González Feijóo	Rocío	Research project
Goulart de Aquino	Yara	FCT Fellowship
Grinfelder Ardohain	Elizandra Noely	FCT Fellowship
Huang	Qihui	China Scholarship Council
Huang	Wenqi	China Scholarship Council
Hurtado Shiraishi	Carlos Seiti	FCT Fellowship
Iglesias Cimadevila	Sonia	Predoc. Fellowship Xunta de Galicia
Jia	Ziyang	China Scholarship Council
Khelafi	Lyna	PhD candidate
Köninger	Julia	Research project
Leite Machado	Susana Margarida	Laboratory technician
Liang	Jingyimei	China Scholarship Council
Lin	Shiye	China Scholarship Council
Liu	Yi	China Scholarship Council
Liu	Zhenyang	China Scholarship Council
Lobato Rodríguez	Álvaro	FPI Fellowship
Lu	Rui	China Scholarship Council

Surname	Name	Category / Type of Contract
Luaces Pérez	Andrea	FPI Fellowship
Ma	Feifei	China Scholarship Council
Ma	Wanning	China Scholarship Council
Macedo Alves	Felipe	FCT Fellowship
Maia Ribeiro	Lucía Marisa	FCT Fellowship
Martínez Castillo	Cecilia Araceli	Research project
Mascoloti Sprea	Rafael	FCT Fellowship
Molina Vargas	Adriana Katherine	FCT Fellowship
Nakib	Rifka	Permanent
Ouyang	Boya	China Scholarship Council
Pardellas Soto	Jorge	Research project
Parente Sendín	Andrea	Research project
Paschoalinotto	Beatriz Helena	FCT Fellowship
Pedro Xavier	Virginie Isabelle	FCT Fellowship
Pérez Pérez	Alba	FPU Fellowship
Pérez Vázquez	Ana	AEI Industrial PhD candidate
Pires Fernandes	Filipa Alexandra	FCT Fellowship
Pires Júnior	Eleomar de Oliveira	FCT Fellowship
Quigley	Elise	Research project
Rodríguez González	Laura	FPU Fellowship
Rodríguez González	Miriam	PhD candidate
Rodríguez Martínez	Beatriz	Predoctoral Fellowship UVigo
Rodríguez López	Lucía	FPU Fellowship
Rodríguez Rebelo	Fernando	FPU Fellowship
Rodríguez Sanz	Andrea	Permanent
Rojo Martínez	Sergio	PhD candidate
Roldán Reascos	Gloria	PhD candidate
Rubira Pérez	Alexandre	Research project
Sánchez Espinosa	Kenia Caridad	Permanent
Seyyedi Mansour	Sepidar	Research project
Shan	Shuo	China Scholarship Council
Soares da Silva	María Aurora	Laboratory technician
Torres García	Antía	PhD candidate
Villalón Melo	Altea	Permanent
Wang	Wei	China Scholarship Council
Wen	Yuxi	China Scholarship Council
Wu	Quanyong	China Scholarship Council
Wu	Xincheng	China Scholarship Council
Xiao	Shangyue	China Scholarship Council
Yang	Qiuping	China Scholarship Council

Surname	Name	Category / Type of Contract
Zhang	Jingjing	China Scholarship Council
Zhang	Menglin	China Scholarship Council
Zhao	Yuxuan	China Scholarship Council
Zou	Pengren	China Scholarship Council

Research Support Staff

Table 20: Research support staff affiliated with the IAA.

Surname	Name	Category/Type of Contract
Alvaredo López-Vizcaíno	Adela	Research project
Araujo Álvarez	María del Mar	Permanent
Blanco Losada	Iago	Research project
Briz Cid	Noelia	Research project
Conde Cid	Manuel	PhD research staff
Castaño Serna	Jonathan Steven	Permanent
Deán Romero	Vanesa	Research project
Díaz Reinoso	Beatriz	Permanent
Díaz Tielas	Carla	Permanent
Diéguez Pérez	Marta	Permanent
Fernández Lago	Carmen	PhD research staff
Ferradas	Ismaes	Contract due to production needs
Galiñanes García	Cristina	Research project
Gómez Armesto	Antía	Research project
González García	Eva	Contract due to production needs
González Puig	Carolina Beatriz	Research project
Gullón Estévez	Patricia	Permanent
Harbane	Sonia	Contract due to production needs
Iglesias Castro	Romina	Contract due to production needs
Jamardo Sabuz	Cecilia	Research project
Köninger	Julia	Research project
Lalín Pousa	Vanesa	Permanent
Méndez López	Melissa	Contract due to production needs
Míguez Quintas	Martín	Research project
Nóvoa Durán	Aarón	Permanent
Pardo Muras	María	Research project
Pombar Gómez	Ariana	Permanent
Rodríguez García	Silvia	Permanent
Rodríguez Salgado	Isabel	Permanent
Rodríguez Souto	Yolanda	Permanent
Romeo Río	Silvia	Permanent

Surname	Name	Category/Type of Contract
Salas Olivares	Fernanda Josefa	Contract due to production needs
Senn Gómez	Marta	Research project
Sieiro Gallardo	Carmen María	Permanent
Tourón Besada	Noelia	Research project
Troncoso Moure	Alba	Research project
Urcera Álvarez	Mauricio Jacobo	Research project
Valiño Pérez	Antía	Contract due to production needs
Vázquez Blanco	Raquel	Permanent
Veiga Sans	Sonia	Research project
Villar Martínez	Catuxa	Research project
Vieites Álvarez	Yedra	Permanent

ANNEX II: ACTIVE PROJECTS DURING 2024

International Projects

Table 21: Active international projects during 2024.

Researcher	Programme	Funding	Title	Start date	End date
Iglesias Briones, María Jesús	H2020-EU.1.3. - EXCELLENT SCIENCE	250.904,88 €	SOPLAS - Macro and Microplastic in Agricultural Soil Systems. INBESTSOIL - Monetary valuation of soil ecosystem services and creation of initiatives to invest in soil health.	01/01/2021	31/12/2024
Fernández Calviño, David	HORIZON 2.6	642.812,00 €	WHEATBIOME - Unravelling the potential of the wheat microbiome.	01/01/2023	31/12/2026
Simal Gándara, Jesús Pérez Gregorio, María Rosa	HORIZON 2.6	605.500,00 €	NET4FOOD - Red de Investigación e Innovación para el área alimentaria en la región transfronteriza.	01/04/2023	31/12/2025
Fernández Calviño, David	INTERREG	197.431,69 €			

Researcher	Programme	Funding	Title	Start date	End date
Reigosa Roger, Manuel Joaquín	H2020 EU.3.2. SOCIAL CHALLENGES	274.997,50 €	ECOBREED - Increasing the efficiency and competitiveness of organic crop breeding.	01/05/2018	29/02/2024
Simal Gándara, Jesús	H2020 EU.3.2. SOCIAL CHALLENGES	689.480,00 €	UP4HEALTH - Sustainable and cost-effective production process.	01/06/2020	31/05/2024
Fernández Calviño, David	H2020-EU.3.2. - SOCIAL CHALLENGES	987.876,00 €	SOILDIVERAGRO - Soil biodiversity enhancement in european agroecosystems.	01/06/2019	31/05/2025
Pérez Rodríguez, Paula	HORIZON 2.6	140.255,00 €	MRV4SOC - Monitoring, Reporting, and Verification of Soil Organic Carbon and Greenhouse Gas Balance.	01/06/2023	31/05/2026
Sánchez Moreiras, Adela María	HORIZON 2.6	926.625,00 €	AGROSUS - Agroecological strategies for sustainable weed management in key European crops	01/06/2023	31/05/2027
Iglesias Briones, María Jesús	HORIZON 2.6	1.055.625,00 €	SOB4ES - Integrating SOil Biodiversity to Ecosystem Services	01/06/2023	31/05/2028
Sánchez Moreiras, Adela María	HORIZON 2.6	172.828,75 €	Root2Resilience - Root phenotyping and genetic improvement for rotational crops resilient to environmental change	01/09/2022	31/08/2027
Simal Gándara, Jesús	HORIZON 2.6	1.162.937,50 €	PROMISEANG - Alternative PROteins from Microbial fermentation of non- conventional SEA sources.	01/09/2023	31/08/2027

Researcher	Programme	Funding	Title	Start date	End date
Fernández Calviño, David	HORIZON 2.6	686.875,00 €	BIOSERVICES - Linking soil biodiversity and ecosystem functions and services in different land uses.	01/09/2023	31/08/2028
GARROTE VELASCO, GIL	INTERREG	123.750,01 €	NEWPOWER - Valorización integral de residuos agroforestais: novas biorrefinerías multiproduto escalables	01/01/2024	31/12/2026
SIMAL GÁNDARA, JESÚS	HORIZON.2.6	460.500,00 €	SOSFood - Sustainability Optimization for Secure Food Systems	01/02/2024	01/02/2028
RODRÍGUEZ SEIJO, ANDRÉS	Colaboración Universidade de Vigo y Universidade de Minho	10.000,00 €	EnvAgro - Unravelling the impact of (micro-) plastics in agricultural soils: towards environment-friendly food production in the Euroregion Galicia and Minho	16/02/2024	16/01/2025
FERNÁNDEZ CALVIÑO, DAVID	Cooperation partnerships in school education - 2024	35.140,00 €	Stop Forest Fire For 5GREEN	01/09/2024	28/02/2027
PRIETO LAGE, MIGUEL ÁNGEL	European Food Risk Assessment Fellowship Programme (EU-FORA)	27.500,00 €	Algal-derived functional additives for ensured safety and efficacy (ALGAESAFE)	01/09/2024	31/08/2025
PRIETO LAGE, MIGUEL ÁNGEL	European Food Risk Assessment Fellowship Programme (EU-FORA)	27.500,00 €	INNOV2SAFETY - Risk assessment of replacing synthetic preservatives with natural ingredients	01/09/2024	31/08/2025

National and Regional Projects

Table 22: Active national and regional projects during 2024.

Researcher	Programme	Funding	Title	Start date	End date
Gullón Estévez, Beatriz	Axudas á consolidación de unidades de investigación competitivas.	115.000,00 €	TEC-SosVal - Desarrollo de Tecnologías Sostenibles para la Valorización de subproductos de la industria alimentaria.	01/01/2020	20/11/2024
Prieto Lage, Miguel Ángel	Axudas á consolidación de unidades de investigación competitivas.	115.000,00 €	Macroalgas invasoras como fuente de nuevos bioproductos.	01/01/2020	30/04/2024
Simal Gándara, Jesús	Proyectos de I+D+i Retos Investigación	127.050,00 €	Efecto de los fungicidas sobre la microbiota fermentativa para la obtención de vino y vinagre de uva blanca.	01/06/2020	29/02/2024
Arias Estévez, Manuel	Consolidación e estruturación de unidades de investigación competitivas.	280.000,00 €	Grupo BV1.	01/01/2021	20/11/2024
Fernández Calviño, David	Proyectos de I+D+i Retos Investigación	164.560,00 €	Sostenibilidad de la producción de viñedo: reducción de insumos externos, incremento de la biodiversidad del suelo y mejora del desarrollo del cultivo.	01/09/2021	31/08/2025
Cancho Grande, Beatriz	Consolidación e estruturación de unidades de investigación competitivas.	200.000,00 €	Grupo CF1.	01/01/2022	20/11/2025
Romaní Pérez, Aloia	Consolidación e estruturación de unidades de investigación competitivas.	115.000,00 €	Nuevas rutas de aprovechamiento integral de biomasa forestal para aplicaciones de alto valor añadido.	01/01/2022	20/11/2026
Simal Gándara, Jesús	Consolidación e estruturación de unidades de investigación competitivas.	320.000,00 €	Grupo AA1.	01/01/2022	20/11/2025
Xiao, Jiambo	Consolidación e estruturación de unidades de investigación competitivas.	115.000,00 €	Producción de extractos ricos en fibra, resveratrol y proantocianidinas a partir de semillas de uva con potencial antidiabético para la	01/01/2022	20/11/2026

			fortificación de harinas de trigo		
Seijo Coello, María Del Carmen	2022 Programa de desenvolvemento rural (PDR)_FEADER	68.350,00 €	Sost-Apícola - Mellora da sostibilidade apícola mediante uso de novas tecnoloxías e a conservación da abella local.	22/02/2022	30/09/2024
Nóvoa Muñoz, Juan Carlos	2022 Programa de desenvolvemento rural (PDR)_FEADER	40.500,00 €	Novos aproveitamentos de emendas obtidas de residuos porcinos e forestais na mellora da produtividade dos solos.	14/03/2022	01/10/2024
Arenas Lago, Daniel Pérez Rodríguez, Paula	Proxectos I+D Generacion de Conocimiento 2021	169.400,00 €	Implicacións ambientais e agrícolas de nanoagroquímicos.	01/09/2022	31/08/2025
Iglesias Briones, María Jesús	PROYECTOS I+D GENERACION DE CONOCIMIENTO 2021	99.220,00 €	Mecanismos de regulación de la persistencia del carbono orgánico en ecosistemas de turbera.	01/09/2022	31/08/2026
Nóvoa Muñoz, Juan Carlos	Proxectos I+D Generacion de Conocimiento 2021	127.050,00 €	Aproximación Interdisciplinar para desentrañar el destino del Mercurio en Ecosistemas Forestales del suroeste de Europa.	01/09/2022	31/08/2025
Pérez Rodríguez, Paula	2022 Programa de desenvolvemento rural (PDR)_FEADER	82.137,50 €	GREENSOILVIN - Obtención de viños sostibles e de calidade mediante estratexias alternativas na xestión da fertilidade.	01/10/2022	30/09/2025
Fernández Calviño, David	Proxectos Estratexicos Orientados a Transición Ecoloxica e a Transición Dixital	253.000,00 €	Reducción de insumos e incremento de la biodiversidad del suelo en cultivo de patata. Estratexias naturais para la transición a una agricultura máis resiliente e sostible.	01/12/2022	30/11/2024
Gullón Estévez, Beatriz Romaní Pérez, Aloia	Proxectos Estratexicos Orientados a Transición Ecoloxica e a Transición Dixital	155.250,00 €	Círculo cerrado para la valorización de residuos generados en la industria vitivinícola: desarrollo de una biorrefinería multi-producto.	01/12/2022	30/11/2024
Iglesias Briones, María Jesús	Proxectos Estratexicos Orientados a Transición	103.500,00 €	Adaptación basada en Ecosistemas frente al cambio climático de	01/12/2022	30/11/2024

	Ecologica e a Transicion Dixital		brezales costeros y dunas fijas.		
Sánchez Moreiras, Adela María	Proyectos I+D Generacion de Conocimiento 2022	200.000,00 €	Combinaciones de compuestos bioactivos con demostrada capacidad fitotóxica y conocido modo de acción para su formulación como herbicidas naturales	01/01/2023	31/12/2026
Cancho Grande, Beatriz	FECYT 2022	7100,00 €	Aprendo a leer lo que como. Formando consumidores responsables desde el aula.	01/07/2023	30/06/2024
Gullón Estévez, Beatriz	Consolidación Investigadora 2022	137.335,00 €	ALSUsBio - Algal Biorefinery: A Sustainable Approach for the production of functional biomolecules.	01/07/2023	30/06/2025
Escuredo Pérez, Olga	Proyectos de I+D+i Retos Investigación	112.500,00 €	Análisis del perfil de volátiles y de las actividades biológicas de la miel y el polen de abeja producidos en España. Tecnología NIR para la determinación rápida del origen.	01/09/2023	30/09/2026
Fuciños González, Clara	Consolidación Investigadora 2022	73.326,00 €	CleanIngrAX - Síntesis de nano- y microingredientes a partir de productos derivados del arabinosilano para la producción de alimentos de "etiqueta limpia".	01/09/2023	31/08/2025
Gullón Estévez, Beatriz Romaní Pérez, Aloia	Proyectos I+D Generacion de Conocimiento 2022	181.250,00 €	AdChemFood - Procesos verdes avanzados para desarrollar químicos de plataforma basados en subproductos alimentarios.	01/09/2023	31/08/2026
Garrote Velasco, Gil	Proyectos I+D Generacion de Conocimiento 2022	196.250,00 €	De residuos de biomasa a biohidrógeno: procesos respetuosos con el medio ambiente desde un enfoque de economía circular.	01/10/2023	30/09/2026
Seijo Coello, María Del Carmen	2023 Programa de desenvolvemento	70.252,41 €	Estratexia sustentable para a xestión integrada de enfermidades en	20/12/2023	30/09/2026

	to rural (PDR)_FEADER		cultivos de pataca XIP-RISCO		
Arenas Lago, Daniel	Consolidación e Estruturação de Unidades de Investigación Competitivas Ano 2024	115.000,00 €	NanoSAgro - Avaliación integral do uso sostible de nanoagroquímicos en cultivos e os seus efectos sobre o sistema solo-auga	01/01/2024	31/12/2028
Pérez Álvarez, María José	FÁBRICA INTELIXENTE E SUSTENTABLE	376.150,00 €	FACENDO PLUS - Factory competitiveness and electromobility through innovation and digital transformation plus	01/01/2024	30/09/2026
Pérez Gregorio, María Rosa		90.000,00 €	TRANSFORM - O trigo autóctono galelo e o seu microbioma: revolucionando os sistemas alimentarios para unha nutrición óptima e transformación sostible	01/01/2024	20/11/2027
Reboredo Rodríguez, Patricia	Consolidación e estruturação de unidades de investigación competitivas do Sistema Universitario de Galicia	115.000,00 €	AntiAgedFOOD - Development of in vitro models for screening the potential of plant-based food as tools to modulate aging and non communicable diseases	01/01/2024	20/11/2028
Seijo Coello, María Del Carmen	2023 Programa de desenvolvemento rural (PDR)_FEADER	70.252,41 €	Estratexia sustentable para a xestión integrada de enfermidades en cultivos de pataca XIP-RISCO	01/01/2024	30/09/2026
Guada Prada, Guillermo	INOUE 2024	6.555,00 €	VIGOUR - Vixilancia de Plantas Invasoras na Galicia Ourense.	01/02/2024	31/10/2024
Otero Fuertes, María Paz	INOUE 2024	6.555,00 €	Optimización da técnica de extracción por líquidos presurizados (PLE) para a obtención de extractos bioactivos de subprodutos de variedades de uva da comarca de Ourense	01/02/2024	31/10/2024
Otero Fuertes, María Paz	Consolidación e estruturação de unidades de investigación competitivas do Sistema Universitario de Galicia	115.000,00 €		25/05/2024	20/11/2028

López Periago, José Eugenio	Fundación Biodiversidad. Pleamar	383.900,00 €	MAJA - Cultivo integral de la centolla Maja brachydactyla: cría y repoblación-MAJA Fondo Europeo Marítimo y de Pesca Programa FEMPA para España	22/07/2024	21/02/2026
López Periago, José Eugenio	Retos investigación Orientada	187.500,00 €	BIO-TEAMS - BIOherbicides: Transport and Effects of Allelochemicals on soil Microbiota and Mesofauna in crop-weed Systems	26/07/2024	25/07/2026
Fuciños González, Clara	2025 Programa de desenvolvemento rural (PDR)_FEADER	55.983,00 €	Estudo e posta en valor de producións leiteiras caprinas para unha aldea modelo (XACEBÁNS) mediante desenvolvemento de queixos brandos de tempada (100% leite de cabra)	29/08/2024	31/10/2026
Seijo Coello, María Del Carmen	2024 Programa de desenvolvemento rural (PDR)_FEADER	62.470,00 €	Apiconecta: Tecendo conexións dixitais para fortalecer a apicultura	29/08/2024	31/10/2026
Seijo Coello, María Del Carmen	Acción Social ENCE	40.000,00 €	Fomentando la biodiversidad en entornos forestales	01/12/2024	31/12/2025
Prieto Lage, Miguel Ángel	PROYECTOS I+D GENERACION DE CONOCIMIENTO 2023	175.000,00 €	VALBAG - Bagasse fermentation as a strategy to obtain novel ingredients and natural extracts for food and beverages	16/12/2024	16/12/2027

ANNEX III: R&D CONTRACTS SIGNED IN2024

Table 23: R&D Contracts Signed by IAA Research Staff in 2024.

Year	Project Code	Project Title	Organisation / Company	Amount
2024	IN-0567-24	ANALÍTICA DA COMPOSICIÓN DOS FRUTOS DE DIVERSA VARIEDADE DE CASTAÑO (CASTANEA SATIVA, MILL) DA CORDILLEIRA CANTÁBRICA. EXPE Nº2024/0002701	UNIVERSIDAD DE OVIEDO	2.500,00 €
2024	IN-0401-24	INVESTIGACIÓN APLICADA A NOVOS ALIMENTOS TEXTURIZADOS PREFORMADOS. CÓDIGO EXPEDIENTE ACIE: 4624.001.24		200,00 €
2024	IN-0376-24	AVALIACIÓN COMO EXPERTO TÉCNICO DO PROXECTO 47.018.24	AGENCIA DE CERTIFICACIÓN EN INNOVACIÓN ESPAÑOLA S.L. (ACIE)	150,00 €

2024	IN-0377-24	AVALIACIÓN COMO EXPERTO TÉCNICO PROXECTO 2008.007.24	AGENCIA DE CERTIFICACIÓN EN INNOVACIÓN ESPAÑOLA S.L. (ACIE)	150,00 €
2024	IN-0212-24	ANÁLISE PALINOLÓXICA DE MOSTRAS DE MEL DE ZAMORA	FUNDACION GENERAL DE LA UNIVERSIDAD DE SALAMANCA	1.320,00 €
2024	CO-0074-24	SERVIZO CONSISTENTE NA ELABORACIÓN DUN PLAN DE ACCIÓN DE ECONOMÍA CIRCULAR PARA A PROVINCIA DE OURENSE CON CARGO AO PROXECTO CIRCULAR ECOSYSTEMS_6_E PROXECTO COFINANCIADO AO 75% POLO FEDER A TRAVÉS DO PROGRAMA INTERREG VIA ESPAÑA PORTUGAL (POCTEP) 2021-2027 EXPTE. SERV/ABR/2024000032	INSTITUTO OURENSAN DE DESENVOLVEMENTO ECONOMICO (INORDE)	17.355,37 €
2024	IN-0576-2024	ANÁLISE DE MATERIAIS TRATADOS, CONTIDO EN CELULOSA, HEMICELULOSAS E LIGNINA	CETIM, Centro Tecnológico de Investigación Multisectorial	480,00 €
2024	IN-0576-2024	ANÁLISE DE MATERIAIS TRATADOS, CONTIDO EN CELULOSA, HEMICELULOSAS E LIGNINA	CETIM, Centro Tecnológico de Investigación Multisectorial	958,93 €
2024	IN-0108-24	ASISTENCIA TÉCNICA PARA A REALIZACIÓN DE ANÁLISES BIOLÓXICOS DO SOLO DE HABITATS DE MATORRAIS, PASTIZALES E BOSQUES NON RIPARIOS DA COMUNIDADE AUTÓNOMA DO PAIS VASCO (Nº EXPTE. 006-2024-42)	GOBIERNO VASCO	14.840,00 €
2024	IN-0114-24	CONSERVACIÓN E PRODUCCIÓN DE LÉVEDOS	PAZO DE LUSCO	2.400,00 €
2024	IN-0134-24	CARACTERIZACIÓN FENOTÍPICA DE LEVADURAS AILLADAS DE MOSTRAS NATURAIS	HIJOS DE RIVERA S.A.U	12.000,00 €
2024	IN-0195-24	ANÁLISE DE VIÑO	BODEGAS VIÑA CAEIRA	180,00 €
2024	IN-0088-24	INFORME SOBRE A SITUACIÓN ACTUAL DA VESPA VELUTINA EN GALICIA	SERVIZOS AGRARIOS GALEGOS (SEAGA)	700,00 €
2024	CO-0011-24	INFLUENZA DA TEMPERATURA DA AUGA, ZONAS DE ESTANCAMENTO E PRESENZA DE BIOFILMS OU BIOCAPAS NA PRESENZA, PROLIFERACIÓN E SUPERVIVENCIA DE LEXIONELA PNEUMOPHILA, EN CIRCUITOS HIDRÁULICOS	INDUSTRIA DE LA SALUD DE FERROL, SL	30.000,00 €
2024	CO-0020-24	PREVALENCIA DE MICROORGANISMOS PATÓXENOS NA REDE DE DISTRIBUCIÓN DE AUGA AFS E ACS E OUTROS SISTEMAS QUE REQUIRAN AUGA PARA O SEU FUNCIONAMENTO	FUNDACION SAN ROSENDO	9.220,00 €
2024	CO-0027-24	ESTUDO E IDENTIFICACIÓN DE POSIBLES FONTES DE INFECCIÓN POR LEXIONELLA EN	CALDARIA TERMAL S.L.U.	27.600,00 €

INSTALACIÓNS LÚDICAS COMO SPAS,
BAÑEIRAS TERAPÉUTICAS, CHORROS A
PRESIÓN, INSTALACIÓNS DE TERAPIA
RESPIRATORIA E MANANTIAIS

2024	CO-0078-24	EFECTO DA APLICACIÓN DE PPCL E/OU PSL EN EDIFICIOS PRIORITARIOS PARA O CONTROL DE LEXIONELA	INDUSTRIA DE LA SALUD DE FERROL, SL	50.000,00 €
2024	CO-0079-24	ESTUDO DAS POSIBLES CAUSAS DA PROLIFERACIÓN DE DIFERENTES SEROTIPOS DE SALMONELLA SPP., EN GRANXAS DE PRODUCCIÓN AVÍCOLA DA ESPECIE GALLUS GALLUS	AVICOLA DE GALICIA S.A.U.	26.000,00 €
2024	IN-0008-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (191007 - 192317)	NOVAFRIGSA S.A.	1.486,12 €
2024	IN-0009-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (193918 - 194756)	NOVAFRIGSA S.A.	842,72 €
2024	IN-0010-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (195300 - 196364)	NOVAFRIGSA S.A.	941,98 €
2024	IN-0011-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (196677 - 198142)	NOVAFRIGSA S.A.	1.331,12 €
2024	IN-0012-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (198152 - 199349)	NOVAFRIGSA S.A.	878,12 €
2024	IN-0013-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (192431 - 193676)	NOVAFRIGSA S.A.	1.422,72 €
2024	IN-0017-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BLANCA (198828-199319)	INDUSTRIAS FRIGORÍFICAS DEL LOURO	240,00 €
2024	IN-0045-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE P.PRIMARIA (193969-199510)	ADS AVICULTURA DE RECRÍA Y PUESTA	2.736,00 €
2024	IN-0046-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE P.PRIMARIA (193834-199515)	RIVADULLA S.L.	1.633,50 €
2024	IN-0047-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (198153-199324)	INDUSTRIAS FRIGORÍFICAS DEL LOURO	1.272,80 €
2024	IN-0068-24	ANÁLISE DE LEXIONELA (189439-198878)	INVESELABOR S.L.U	440,00 €
2024	IN-0069-24	ANÁLISE DE LEXIONELA EN PISCINAS (184374-200207)	LABORATORIO NEBOA SL	129,00 €
2024	IN-0082-24	ANÁLISE DE AUGA (193924-197561)	FARMACIA JOSÉ MANUEL GARCÍA PINAL Y UNA MÁ S.C.B.	480,00 €
2024	IN-0083-24	ANÁLISE DE ALIMENTOS (COD PROD 302565 5 UNID), SUPERFICIES (COD PROD 302874 7 UNID) E TÉCNICO (COD PROD 304870 1 UNID). ALBARÁN Nº 195145-198085	COMPLEXO HOSPITALARIO UNIVERSITARIO DE OURENSE (CHOU)	257,11 €

2024	IN-0084-24	ANÁLISE DE ALIMENTOS (COD PROD 302565 11 UNID), SUPERFICIES (COD PROD 302874 8 UNID). ALBARÁN Nº 194684-198896	COMPLEXO HOSPITALARIO UNIVERSITARIO DE OURENSE (CHOU)	464,00 €
2024	IN-0094-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (199523-200464)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.269,20 €
2024	IN-0095-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (199846-200493)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	254,10 €
2024	IN-0106-24	ANÁLISE MICROBIOLÓXICA E FÍSICO QUIMICA DE AUGA EN INSTALACIÓNS DE RISCO	CENTRO OCUPACIONAL AS BURGAS	150,00 €
2024	IN-0113-24	ANÁLISE MICROBIOLÓXICA DE PRODUTOS DA PESCA E CONSERVAS	FRINSA DEL NOROESTE, S.A.	7.650,00 €
2024	IN-0142-24	ANÁLISE DE AUGA E SUPERFICIES EN EXPLOTACIÓNS AVÍCOLAS E CUNÍCOLAS	BIOSGAL: BIOSEGURIDAD DE GALICIA S.L.	6.000,00 €
2024	IN-0143-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (200827-201964)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.049,90 €
2024	IN-0144-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (201308-201955)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	314,60 €
2024	IN-0158-24	ANÁLISE MICROBIOLÓXICA E FÍSICO QUÍMICA DE AUGA EN INSTALACIÓNS DE RISCO DURANTE O MES DE MARZO	CENTRO OCUPACIONAL AS BURGAS	150,00 €
2024	IN-0161-24	ANÁLISE MICROBIOLÓXICA DE LEXIONELA	SERVICIOS MEDIOAMBIENTALES FIRACUA S.L.	2.000,00 €
2024	IN-0177-24	AILLAMENTO DE MICROORGANISMOS PATÓXENOS, LEXIONELLA SP, EN EDIFICIO PRIORITARIOS DO COMPLEXO HOSPITALARIO DE OURENSE	SERVEO SERVICIOS S.A	15.165,00 €
2024	IN-0178-24	ILLAMENTO DE MICROORGANISMOS PATÓXENOS, LEXIONELA SP, EN EDIFICIOS PRIORITARIOS DO COMPLEXO HOSPITALARIO DE OURENSE	SERVEO SERVICIOS S.A	15.165,00 €
2024	IN-0184-24	ANÁLISE DE LEXIONELA (181217-198007)	G DE LA FUENTE	528,00 €
2024	IN-0217-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (202733-203690)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	435,00 €
2024	IN-0218-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BRANCA (202253-203694)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.231,50 €
2024	IN-0228-24	ANÁLISE DE AUTOCONTROL DE BILLA E REDE DE AUGAS DO CONCELLO DE O INCIO NO ANO 2024	CONCELLO DO INCIO	983,00 €
2024	IN-0288-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (183933-185227)	COREN COOP. OURENSANAS, S.C.G.	3.914,00 €
2024	IN-0289-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (185273-186734)	COREN COOP. OURENSANAS, S.C.G.	4.636,00 €

2024	IN-0290-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (186735-188047)	COREN COOP. OURENSANAS, S.C.G.	3.771,50 €
2024	IN-0291-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (188051-189303)	COREN COOP. OURENSANAS, S.C.G.	3.809,50 €
2024	IN-0292-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (189394-190986)	COREN COOP. OURENSANAS, S.C.G.	4.256,00 €
2024	IN-0293-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (191002-192334)	COREN COOP. OURENSANAS, S.C.G.	3.800,00 €
2024	IN-0294-24	ANÁLISE DE MOSTRAS DE PRODUCCIÓN PRIMARIA (192352-193644)	COREN COOP. OURENSANAS, S.C.G.	4.227,50 €
2024	IN-0296-24	PROGRAMA DE CONTROL DA CALIDADE DA AUGA: MOSTRAXE E ANÁLISE NOS ESPAZOS TERMAIS DE USO LÚDICO DO CONCELLO DE OURENSE PARA O ANO 2024	CONCELLO DE OURENSE	11.588,00 €
2024	IN-0297-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (199540-200455)	NOVAFRIGSA S.A.	930,78 €
2024	IN-0298-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (200891-201985)	NOVAFRIGSA S.A.	1.047,52 €
2024	IN-0299-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (202353-203673)	NOVAFRIGSA S.A.	868,68 €
2024	IN-0300-24	ANÁLISE MICROBIOLÓXICA DE CANLES, MATERIAS PRIMAS, ALIMENTOS E SUPERFICIES (203845-205424)	NOVAFRIGSA S.A.	1.246,88 €
2024	IN-0356-24	ANÁLISE MICROBIOLÓXICA DE LEXIONELA	SERVICIOS MEDIOAMBIENTALES FIRACUA S.L.	5.000,00 €
2024	IN-0395-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BLANCA (204052-205450)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.687,10 €
2024	IN-0396-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BLANCA (205746-Z549)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	2.282,10 €
2024	IN-0397-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO E SUPERFICIES SALA BLANCA (Z572-Z1498)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.699,20 €
2024	IN-0399-24	ANÁLISE DE SUPERFICIES E ALIMENTOS EN EXPLOTACIÓN AVÍCOLAS	BIOSEGURIDAD DE GALICIA, S.L.	7.000,00 €
2024	IN-0409-24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE P.PRIMARIA (199568-209118)	ADS AVICULTURA DE RECRÍA Y PUESTA	3.586,00 €
2024	IN-0410-24	ANÁLISE MICROBIOLÓXICA DE LEXIONELA	SERVICIOS MEDIOAMBIENTALES FIRACUA S.L.	7.000,00 €
2024	IN-0411-24	ANÁLISE DE AUGA (201759-208875)	FARMACIA JOSÉ MANUEL	780,00 €

			GARCÍA PINAL Y UNA MÁS C.B.	
2024	IN-0412- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO (Z1658-Z2494)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.689,90 €
2024	IN-0413- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE PRODUCTOS (Z1640-Z2448)	INDUSTRIAS FRIGORÍFICAS DEL LOURO	305,40 €
2024	IN-0414- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE SECADERO (Z2552-Z3097)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.678,40 €
2024	IN-0415- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE PRODUCTOS (Z2627-Z2999)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	160,40 €
2024	IN-0418- 24	ANÁLISE DE PRODUCTOS DE PASTELERÍA EN 2024	FINARREI S.L.	830,00 €
2024	IN-0419- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS DE P. PRIMARIA (199544-210230)	RIVADULLA S.L.	3.280,00 €
2024	IN-0425- 24	ANÁLISES DE AUGA EN INSTALACIÓNS DE RISCO RD 614/2024	SERVICIOS MEDIOAMBIENT ALES FIRACUA S.L.	6.000,00 €
2024	IN-0553- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS PROCEDENTES DE SECADERO (Z3133-Z4000)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.414,80 €
2024	IN-0554- 24	ANÁLISE MICROBIOLÓXICA DE PRODUTOS CÁRNICOS (Z3427-Z3732)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	129,60 €
2024	IN-0574- 24	ANÁLISE MICROBIOLÓXICO DE PRODUTOS CÁRNICOS (Z4096-Z4660)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	97,20 €
2024	IN-0575- 24	ANÁLISE MICROBIOLÓXICA DE MOSTRAS PROCEDENTES DE SECADERO (Z4068-Z4943)	INDUSTRIAS FRIGORÍFICAS DEL LOURO S.A.	1.497,10 €
2024	IN-0042- 24	TRATAMENTO DE DATOS AEROBIOLÓXICOS DO 2023 DE 4 ESTACIÓNS DE GALICIA	FUNDACIÓN DE LA SOCIEDAD ESPAÑOLA DE ALERGOLOGÍA E INMUNOLOGÍA CLÍNICA PARA EL FOMENTO DE LA INVESTIGACIÓN	4.000,00 €
2024	CO- 0100-24	OPTIMIZACIÓN DA OLIVICULTURA MEDIANTE ANÁLISE TECNOLÓXICO PARA A PREDICIÓN DE PRAGAS	MONET TECNOLOGÍA E INNOVACIÓN S.L.	37.461,25 €
2024	CO- 0101-24	OPTIMIZACIÓN DA OLIVICULTURA MEDIANTE ESTUDOS AEROBIOLÓXICOS	ACEITES ABRIL, S.L.	37.461,25 €
2024	IN-0573- 24	PANEL DE AVALIACIÓN CIENTÍFICA DA CONVOCATORIA IMPULSO MAIS DIGITAL	DIRECAO-GERAL DO ENSINO SUPERIOR (DGES)	2.000,00 €
2024	IN-0213- 24	CARACTERIZACIÓN PALINOLÓXICA DE MOSTRAS DE MEL DA COLLEITA DO ANO 2024	CRIXP: CONSELLO REGULADOR INDICACIÓN XEOGRÁFICA	2.000,00 €

2024	IN-0214-24	ASESORAMENTO NOS PROGRAMAS DE CONTROL DE CALIDADE DA ANÁLISE SENSORIAL E NO PROCESO DE CERTIFICACIÓN	PROTEXIDA MEL DE GALICIA CRIXP: CONSELLO REGULADOR INDICACIÓN XEOGRÁFICA PROTEXIDA MEL DE GALICIA	2.500,00 €
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ANNEX IV: LIST OF PUBLICATIONS

JCR Publications

Table 24: List of JCR Articles Published by IAA Research Staff in 2024.

Authors	Title	Journal	Publisher
Xu M.-Y., Xu J.-J., Kang L.-J., Liu Z.-H., Su M.-M., Zhao W.-Q., Wang Z.-H., Sun L., Xiao J.-B., Evans P.C., Tian X.-Y., Wang L., Huang Y., Liang X.-M., Weng J.-P., Xu S.-W.	Urolithin A promotes atherosclerotic plaque stability by limiting inflammation and hypercholesteremia in Apolipoprotein E-deficient mice	Acta Pharmacologica Sinica	Springer Nature
Abedini A., Sohrabvandi S., Sadighara P., Hosseini H., Farhoodi M., Assadpour E., Alizadeh Sani M., Zhang F., Seyyedi-Mansour S., Jafari S.M.	Personalized nutrition with 3D-printed foods: A systematic review on the impact of different additives	Advances in Colloid and Interface Science	Elsevier B.V.
El-Hajjaji M.A., Fikri-Benbrahim K., Soulo N., Nouioura G., Laaroussi H., Ferreira-Santos P., Lyoussi B., Benziane Ouaritini Z.	Analgesic, Antioxidant, Anti-Inflammatory, and Wound-Treating Actions of Bitter Apricot Kernel Extract	Advances in Pharmacological and Pharmaceutical Sciences	Hindawi Limited
Díaz Vázquez L., Almaguer Chávez M., Fernández-González M., Sánchez Espinosa K.C.	New airborne fungal spores in the atmosphere of Havana, Cuba	Aerobiologia	Springer Science and Business Media B.V.
Tummon F., Adams-Groom B., Antunes C.M., Bruffaerts N., Buters J., Carifanos P., Celenk S., Choël M., Clot B., Cristofori A., Crouzy B., Damialis A., Fernández A.R., González D.F., Galán C., Gedda B., Gehrig R., Gonzalez-Alonso M., Gottardini E., Gros-Daillon J., Hajkova L., O'Connor D., Östensson P., Oteros J., Pauling A., Pérez-Badia R., Rodinkova V., Rodríguez-Rajo F.J., Ribeiro H., Sauliene I., Sikoparija B., Skjøth C.A., Spanu A., Sofiev M., Sozinova O., Srnec L., Visez N., de Weger L.A.	The role of automatic pollen and fungal spore monitoring across major end-user domains	Aerobiologia	Springer Science and Business Media B.V.
Guada G., Fernández-González M., Amigo R., Dias-Lorenzo D.A.,	Precipitation masks the effect of temperature on Birch airborne pollen start, and previous	Agricultural and Forest Meteorology	Elsevier B.V.

Sánchez Espinosa K.C., Rodríguez-Rajo F.J.	summer temperature affects pollen intensity; A 31-year study at its southwestern distribution boundary		
Meno L., Abuley I., Seijo M.C., Escuredo O.	Management Strategies for Early Blight in Potatoes: Assessment of the TOMCAST Model, Including the Aerobiological Risk Level and Critical Phenological Period	Agriculture (Switzerland)	Multidisciplinary Digital Publishing Institute (MDPI)
Moreira B., Gonçalves A., Pinto L., Prieto M.A., Carochó M., Caleja C., Barros L.	Intercropping Systems: An Opportunity for Environment Conservation within Nut Production	Agriculture (Switzerland)	Multidisciplinary Digital Publishing Institute (MDPI)
Meno L., Escuredo O., Seijo M.C.	Opportunity of the NEGFY Decision Support System for the Sustainable Control of Potato Late Blight in A Limia (NW of Spain)	Agriculture (Switzerland)	Multidisciplinary Digital Publishing Institute (MDPI)
Ortega Albero N., Vallejo Sardon S., Lupuț I., Boscaiu M., Donat-Torres M.P., Fita A., González-Orenga S.	Sarcocornia fruticosa, a Potential Candidate for Saline Agriculture: Antioxidant Levels in Relation to Environmental Conditions in the Eastern Iberian Peninsula	Agriculture (Switzerland)	Multidisciplinary Digital Publishing Institute (MDPI)
Peltoniemi K., Velmala S., Lloret E., Ollio I., Hyvönen J., Liski E., Brandt K.K., Campillo-Cora C., Fritze H., Iivonen S., Lassen S.B., Loit K., Martínez-Martínez S., Pennanen T., Pöldmets M., Schrader S., Shanskiy M., Zornoza R., Waeyenberge L., Calviño D.F.	Soil and climatic characteristics and farming system shape fungal communities in European wheat fields	Agriculture, Ecosystems and Environment	Elsevier B.V.
Vicente O., Boscaiu M., González-Orenga S.	HALOPHYTES: TOOLS FOR RECLAIMING SALINISED AGRICULTURAL LAND	AgroLife Scientific Journal	University of Agronomic Sciences and Veterinary Medicine of Bucharest
Morugán-Coronado A., Gómez-López M.D., Meno L., Fernández-Calviño D., Wustenberghs H., Schrader S., Bind D.-A., Pöder A., Shanskiy M., Pouta E., Tienhaara A., Calatrava J.	Fostering Sustainable Potato Production: A Collaborative European Approach	Agronomy	Multidisciplinary Digital Publishing Institute (MDPI)
González-Feijoo R., Martínez-Castillo C., Rodríguez-Seijo A., Pérez-Rodríguez P., Arenas-Lago D.	Nanoagrochemicals versus Conventional Fertilizers: A Field Case Study with Tailor-Made Nanofertilizers for Sustainable Crop Efficiency of Brassica	Agronomy	Multidisciplinary Digital Publishing Institute (MDPI)

	oleracea L. convar. Capitata var. Sabauda		Institute (MDPI)
Torres-Pagán N., Muñoz M., Barbero S., Mamone R., Peiró R., Carrubba A., Sánchez-Moreiras A.M., Gómez de Barreda D., Verdeguer M.	Herbicidal Potential of the Natural Compounds Carvacrol, Thymol, Eugenol, p-Cymene, Citral and Pelargonic Acid in Field Conditions: Indications for Better Performance	Agronomy	Multidisciplinary Digital Publishing Institute (MDPI)
Lal M.K., Tiwari R.K., Kumar A., Kumar R., Kumar D., Jaiswal A., Changan S.S., Dutt S., Popović-Djordjević J., Singh B., Simal-Gandara J.	Methodological Breakdown of Potato Peel's Influence on Starch Digestibility, In Vitro Glycemic Response and Pasting Properties of Potato	American Journal of Potato Research	Springer
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Garzón-Vidueira R., Rede D., Rial-Otero R., Vilarinho R., Moreira J.A., Jorge S., André M., Barbosa R., Delerue-Matos C., Cruz Fernandes V.	Investigating multiple vegetable oils and recycled variant for microplastics extraction from water, integrated with Raman spectroscopy	Science of the Total Environment	Elsevier B.V.

Forján R., Arias-Estévez M., Gallego J.L.R., Santos E., Arenas-Lago D.	Biochar-nanoparticle combinations enhance the biogeochemical recovery of a post-mining soil	Science of the Total Environment	Elsevier B.V.
Rodríguez-Iglesias P., Baltrusch K.L., Díaz-Reinoso B., López-Álvarez M., Novoa-Carballal R., González P., González-Novoa A., Rodríguez-Montes A., Kennes C., Veiga M.C., Torres M.D., Domínguez H.	Hydrothermal extraction of ulvans from <i>Ulva</i> spp. in a biorefinery approach	Science of the Total Environment	Elsevier B.V.
Aslani F., Bahram M., Geisen S., Pent M., Otsing E., Tamm H., Jones A., Panagos P., Köninger J., Orgiazzi A., Tedersoos L.	Land use intensification homogenizes soil protist communities and alters their diversity across Europe	Soil Biology and Biochemistry	Elsevier Ltd
Rodríguez-López L., Santás-Miguel V., Cela-Dablanca R., Núñez-Delgado A., Álvarez-Rodríguez E., Rodríguez-Seijo A., Arias-Estévez M.	Sorption of Antibiotics in Agricultural Soils as a Function of pH	Spanish Journal of Soil Science	Frontiers Media SA
Garcia-Oliveira P., Chamorro F., Simal-Gandara J., Prieto M.A., Cassani L.	Improving phenolic compound extraction from <i>Arnica montana</i> flowers through multivariate optimization of heat and ultrasound-assisted methods	Sustainable Chemistry and Pharmacy	Elsevier B.V.
Du H., Xiao J.-B., Li J.	The effect evaluation of continuous nursing intervention in patients with type 2 diabetic retinopathy	Therapeutic Apheresis and Dialysis	John Wiley and Sons Inc
Silva V.F.M., Silva A., Garrido E.M.P.J., Borges F., Gaspar A., Garrido J.M.P.J.	Microencapsulation of the Biocide Benzisothiazolinone (BIT) by Inclusion in Methyl- β -cyclodextrin and Screening of Its Antibacterial and Ecotoxicity Properties	Toxics	Multidisciplinary Digital Publishing Institute (MDPI)
Liu Y., Guo J., Cheng H., Wang J., Tan Y., Zhang J., Tao H., Liu H., Xiao J., Qi D., Mei X.	Methionine restriction diets: Unravelling biological mechanisms and enhancing brain health	Trends in Food Science and Technology	Elsevier Ltd
Nicolescu A.; Babotă M.; Aranda Cañada E.; Inês Dias M.; Añibarro-Ortega M.; Cornea-Cipcigan M.; Tanase C.; Radu Sisea C.; Mocan A.; Barros L.; Crişan G.	Association of enzymatic and optimized ultrasound-assisted aqueous extraction of flavonoid glycosides from dried <i>Hippophae rhamnoides</i> L. (Sea Buckthorn) berries	Ultrasonics Sonochemistry	Elsevier B.V.
Bravo C., Pérez-Gregório R., Pellegrini E., Contin M., Brandão E., Ramos R.M., Martin-Neto L., de Nobili M., de Freitas V., Soares S.	Unlocking the Potential of Spent Coffee Grounds as a Source of Humic-like Substances with High Antioxidant Capacity	Waste and Biomass Valorization	Springer Science and Business Media B.V.
Roldán-Reascos G., Pérez-Lamela C., de Blas E., Simal-Gandara J.	Water quality indexes and water quality population perception in a rural area in Ecuador	Water Practice and Technology	IWA Publishing

Books

Tabla 25: List of Books Published by IAA Research Staff in 2024.

Author	Title	Publisher	ISSN/ISBN
Otero Fuertes, María Paz	Green Chemical Synthesis with Microwaves and Ultrasound	Wiley	9783527352975
Otero Fuertes, María Paz	Marine Molecules from Algae and Cyanobacteria: Extraction, Purification, Toxicology and Applications	Elsevier	9780443216756
Rodríguez Rajo, Francisco Javier	50 anos de estudos universitarios en Ourense	Universidade de Vigo	978-84-1188-039-8

Book Chapters

Tabla 26 List of Book Chapters Published by IAA Research Staff in 2024.

Author	Title	Series	Publisher
Falqué López, Elena Franco Matilla, María Inmaculada Pérez Lamela, María Concepción	"Sensociencia": un singular espacio experimental de divulgación científica en la universidad	Revolucionando la docencia universitaria: innovación educativa en la era de la IA y la gamificación	Dykinson
Reigosa Roger, Manuel Joaquín	Allelopathy in Agroecosystems in Spain	Allelopathy in Agroecosystems	CRC Press
Ferreira Santos, Pedro Miguel García del Río, Pablo Garrote Velasco, Gil Gullón Estévez, Beatriz Rodríguez Martínez, Beatriz Romani Perez, Aloia	Alternative solvents for green extraction of bioactive compounds	Application of Emerging Technologies and Strategies to Extract Bioactive Compounds: Developments in Food Quality and Safety	Elsevier
Arias Estévez, Manuel Rodríguez Seijo, Andrés Santás Miguel, Vanesa	Antibiotics, Other Emerging Pollutants, and Pathogenic Microorganisms in Raw and Treated Sewage Sludge Reaching Soils	Frontier Studies in Soil Science	Springer
Cassani Menéndez, Lucía Victoria Echave Álvarez, Javier Prieto Lage, Miguel Ángel Soares da Silva, María Aurora Xiao, Jianbo	Bioactive peptides released from seaweeds during gastrointestinal digestion	Protein Digestion-Derived Peptides: Chemistry, Bioactivity, and Health Effects	Elsevier
Barciela Álvarez, Paula Cassani Menéndez, Lucía Victoria Donn, Pauline Echave Álvarez, Javier Pérez Vázquez, Ana Prieto Lage, Miguel Ángel Otero Fuertes, María Paz Seyyedi Mansour, Sepidar	Bioactivity and Biofunctionality Characterization of Algal Biomass	Environmental Science and Engineering	Springer Science and Business Media Deutschland GmbH

Otero Fuertes, María Paz	Carbon Dots in Sensing: Photoelectrochemical, Electrochemiluminescent, Electrochemical, Colorimetric, and Fluorescent Applications	ACS Symposium Series	American Chemical Society
Falqué López, Elena Ferreira Santos, Pedro Miguel	Creación de vídeos como método de enseñanza-aprendizaje en el contexto de seguridad e higiene industrial	Revolucionando la docencia universitaria: innovación educativa en la era de la IA y la gamificación	Dykinson
Pérez Lamela, María Concepción	Crecedemento económico e contaminación, unha aproximación dende a aprendizaxe automática	Proxectos INOU 2023: Investigación aplicada na provincia de Ourense	Vicerreitoría do Campus de Ourense; Universidade de Vigo
Cao, Hui Cassani Menéndez, Lucía Victoria Echave Álvarez, Javier García Oliveira, Paula Prieto Lage, Miguel Ángel Seyyedi Mansour, Sepidar Xiao, Jianbo	Developing polyphenols from agricultural wastes	Developing circular agricultural production systems	Burleigh Dodds Science Publishing
Otero Fuertes, María Paz Torres García, Antía	Diversity of marine algae, cultivation techniques, and sources of natural products for biotechnological applications	Marine Molecules from Algae and Cyanobacteria: Extraction, Purification, Toxicology and Applications	Elsevier
Alvaredo López-Vizcaíno, Adela Fernández González, María Ferreira Santos, Pedro Miguel Garrote Velasco, Gil Rivas Siota, Sandra	Estratexias para a xestión sostible de residuos vitivinícolas na provincia de Ourense	Proxectos INOU 2023: Investigación aplicada na provincia de Ourense	Vicerreitoría do Campus de Ourense; Universidade de Vigo
Rodríguez Seijo, Andrés	Introduction Chapter for the Book "Frontier Studies in Soil Science"	Frontier Studies in Soil Science	Springer
López Periago, José Eugenio	Introduction to Computed Tomography: Application to the Inspection of Material Extruded Tensile Testing Specimens	Materials Forming, Machining and Tribology	Springer
Escuredo Perez, Olga	Juego de palabras	El desafío del aprendizaje cooperativo en la Universidad	Narcea
Cancho Grande, Beatriz Figueiredo González, María González-Barreiro, Carmen Reboredo Rodríguez, Patricia	Mostaza máis ca un mollo: Compostos bioactivos e a súa repercusión na saúde	Proxectos INOU 2023: Investigación aplicada na provincia de Ourense	Vicerreitoría do Campus de Ourense; Universidade de Vigo

Barciela Álvarez, Paula Carpena Rodríguez, María Cassani Menéndez, Lucía Victoria González Pereira, Antía Prieto Lage, Miguel Ángel Soares da Silva, María Aurora	Natural antioxidants from marine sources and their application in foods	Natural Antioxidants to Enhance the Shelf-Life of Food	Elsevier
Barciela Álvarez, Paula Cassani Menéndez, Lucía Victoria Chamorro, Franklin Donn, Pauline Pérez Vázquez, Ana Prieto Lage, Miguel Ángel Seyyedi Mansour, Sepidar	Nutraceuticals and oxidative stress	Nutraceuticals: A Holistic Approach to Disease Prevention	De Gruyter
Barciela Álvarez, Paula Carpena Rodríguez, María Donn, Pauline Pérez Vázquez, Ana Prieto Lage, Miguel Ángel Seyyedi Mansour, Sepidar	Toxicity and safety of nutraceuticals	Nutraceuticals: A Holistic Approach to Disease Prevention	De Gruyter

ANNEX V: THESES DEFENDED

Table 27: Theses supervised by IAA research staff and defended in 2024.

Supervisor	Co-supervisor	Thesis Title	Institution	Student	Grade
Araujo Nespereira, Pedro Antonio	-	Estudio de la potencialidad del yacimiento geotermico Ourense-ciudad	Universidade de Vigo	José Ángel Cid Fernández	-
Carballo Garcia, Francisco Javier	-	Efecto de la adición de cultivos iniciadores autóctonos y del empleo de diferentes especias sobre los cambios bioquímicos que tienen lugar durante la maduración del chorizo gallego	Universidade de Vigo	Miriam Rodríguez González	-
Prieto Lage, Miguel Ángel	-	Screening of camellias for the production of bioactive compounds and evaluation of its biological properties for industrial applications	Universidade de Vigo	Antía González Pereira	-
Prieto Lage, Miguel Ángel	-	Development of nutraceuticals and functional foods with natural preservative and bioactive ingredients	Universidade de Vigo	Filipa Alexandra Pires Fernandes	-
Prieto Lage, Miguel Ángel	-	Unraveling the industrial potential of Arnica montana: a comprehensive study on phenolic	Universidade de Vigo	Paula García Oliveira	-

Supervisor	Co-supervisor	Thesis Title	Institution	Student	Grade
		compounds characterization, extraction, and technological applications			
Sánchez Moreiras, Adela María		Study of the mode of action of the specialised metabolites harmaline and azelaic acid on plant metabolism	Universidade de Vigo	Sara Álvarez Rodríguez	-
Sánchez Moreiras, Adela María		Desarrollo de un producto herbicida natural respetuoso con el medio ambiente para el control biológico de arvenses	Universitat Politècnica de València	Marta Muñoz Usero	-
Sánchez Moreiras, Adela María		Estudio del potencial alelopático del trigo (<i>triticum aestivum</i> L.) y el trigo sarraceno (<i>fagopyrum esculentum</i> moench. Y <i>fagopyrum tataricum</i> gaertn.) para agricultura ecológica	Universidade de Vigo	Yedra Vieites Álvarez	-

ANNEX VI: IAA MEDIA COVERAGE IN 2024

University of Vigo News (DUVI)

19 de enero. O proxecto europeo Wheatbiome avanza no reto de deseñar novos alimentos e sistemas agroalimentarios utilizando o potencial microbiano.

Enlace web.

<https://novo.uvigo.gal/es/universidad/comunicacion/duvi/proxecto-europeo-wheatbiome-avanza-reto-desenar-novos-alimentos-sistemas-agroalimentarios-utilizando>

23 de enero. A UVigo supera en 2023 os 14 millóns de euros en captación de fondos internacionais.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-supera-2023-os-14-millons-euros-captacion-fondos-internacionais>

30 de enero. Persoal investigador da UVigo e do CSIC crean unha Unidade Asociada sobre Comunidades Microbianas de Solos.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/persoal-investigador-uvigo-csic-crean-unidade-asociada-comunidades-microbianas-solos>

1 de marzo. A UVigo lidera un proxecto europeo que emprega a intelixencia artificial para deseñar un sistema alimentario seguro.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-lidera-proxecto-europeo-que-emprega-intelixencia-artificial-desenar-sistema-alimentario-seguro>

8 de marzo. O Consello de Campus aborda a folla de ruta para o desenvolvemento do Campus Auga.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/consello-campus-aborda-folla-ruta-desenvolvemento-campus-auga>

11 de marzo. Grupos de investigación da UVigo propoñen novas estratexias para a xestión sostible de residuos vitivinícolas.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/grupos-investigacion-uvigo-proponen-novas-estratexias-xestion-sostible-residuos-vitivincolas>

10 de abril. A Universidade de Vigo, entre as mellores do mundo en cinco materias.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/universidade-vigo-mellores-mundo-cinco-materias>

19 de abril. Arredor de 170 persoas asisten na Facultade de Ciencias a unha xornada sobre seguridade alimentaria.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/arredor-170-persoas-asisten-facultade-ciencias-xornada-seguridade-alimentaria>

7 de mayo. As universidades de Vigo e Minho consolidan a súa cooperación interrexional co lanzamento de 4 proxectos conxuntos.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/universidades-vigo-minho-consolidan-sua-cooperacion-interrexional-co-lanzamento-4-proxectos>

13 de mayo. O proxecto europeo Newpower destinará 1,3 millóns de euros á valorización integral de residuos agroforestais.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/proxecto-europeo-newpower-destinara-13-millons-euros-valorizacion-integral-residuos-agroforestais>

3 de junio. A UVigo participará na creación dun laboratorio de tecnoloxía alimentaria en San Tomé e Príncipe.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-participara-creacion-dun-laboratorio-tecnoloxia-alimentaria-san-tome-principe>

6 de junio. Alimentando un futuro sostible a través da formación.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/alimentando-futuro-sostible-traves-formacion>

12 de junio. A UVigo amosa o seu potencial biotecnolóxico nos Galicia Biodays.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-amosa-seu-potencial-biotecnologico-galicia-biodays>

25 de junio. Concédennlle á UVigo catro proxectos Interreg Sudoe financiados con máis de 8 millóns de euros.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/concedenlle-uvigo-catro-proxectos-interreg-sudoe-financiados-mais-8-millons-euros>

11 de julio. Investigadores da UVigo proban con éxito o uso de plantas “trampa” para loitar contra as pragas de nematodos nas patacas.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/investigadores-uvigo-proban-exito-uso-plantas-trampa-loitar-pragas-nematodos-patacas>

1 de agosto. A catedrática Adela Sánchez Moreiras, nova vicerreitora de Profesorado e Ordenación Académica

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/catedratica-adela-sanchez-moreiras-nova-vicerreitora-profesorado-ordenacion-academica>

17 de septiembre. Un estudo amosa o potencial da mostaza branca como fonte de compostos bioactivos beneficiosos para a saúde.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/estudo-amosa-potencial-mostaza-branca-fonte-compostos-bioactivos-beneficiosos-saude>

1 de octubre. O proxecto AdChemFood analiza como producir de xeito sostible moléculas de alto valor engadido a partir de bagazo de mazá e uva.

Enlace web.

<https://www.uvigo.gal/es/universidad/comunicacion/duvi/proxecto-adchemfood-analiza-producir-xeito-sostible-moleculas-alto-valor-engadido-partir-bagazo-maza>

4 do octubre. A UVigo participa nun proxecto europeo que busca comprender a conexión entre a biodiversidade e as funcións do solo.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-participa-nun-proxecto-europeo-que-busca-comprender-conexion-biodiversidade-funcions-solo>

11 de octubre. O Campus Auga incorpora novo persoal investigador e de apoio para desenvolver a súa especialización

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/campus-auga-incorpora-novo-persoal-investigador-apoio-desenvolver-sua-especializacion>

15 de octubre. A UVigo capta máis de 5 millóns de euros para grupos, unidades de investigación e persoal investigador con traxectoria excelente.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-capta-mais-5-millons-euros-grupos-unidades-investigacion-persoal-investigador-traxectoria>

23 de octubre. O proxecto ApiConecta creará unha ferramenta dixital para xestionar a información das colmeas.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/proxecto-apiconecta-creara-ferramenta-dixital-xestionar-informacion-colmeas>

24 de outubro. O Grupo Operativo Plasmowine crea unha ferramenta que optimiza a aplicación de tratamentos contra o mildio nas vides.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/grupo-operativo-plasmowine-crea-ferramenta-que-optimiza-aplicacion-tratamentos-mildio-vides>

12 de novembro. A UVigo sitúase como universidade española líder en Ciencia e Tecnoloxía dos Alimentos e Oceanografía.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-situase-universidade-espanola-lider-ciencia-tecnoloxia-alimentos-oceanografia>

14 de novembro. Once traballos de investigación e transferencia acadan os VI Premios Campus Auga.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/once-traballos-investigacion-transferencia-acadan-os-vi-premios-campus-auga>

15 de novembro. O Programa de Retención de Talento dá continuidade na UVigo a seis investigadores María Zambrano.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/programa-retencion-talento-continuidade-uvigo-seis-investigadores-maria-zambrano>

29 de novembro. O proxecto europeo Promiseang busca novas proteínas a partir de biomasa de fontes mariñas subexplotadas.

Enlace web.

<https://www.uvigo.gal/universidade/comunicacion/duvi/proxecto-europeo-promiseang-busca-novas-proteinas-partir-biomasa-fontes-marinhas-subexplotadas>

5 de decembro. O proxecto Olivitech creará una ferramenta informática para facer un uso máis sostible dos produtos fitosanitarios nos oliveirais.

Enlace web.

[O proxecto Olivitech creará una ferramenta informática para facer un uso máis sostible dos produtos fitosanitarios nos oliveirais | Universidade de Vigo](#)

9 de diciembre. Un grupo operativo avanza no aproveitamento de residuos porcinos e forestais para mellorar a calidade dos solos.

Enlace web.

[https://www.uvigo.gal/universidade/comunicacion/duvi/grupo-operativo-avanza-
aproveitamento-residuos-porcinos-forestais-mellorar-calidade-solos](https://www.uvigo.gal/universidade/comunicacion/duvi/grupo-operativo-avanza-aproveitamento-residuos-porcinos-forestais-mellorar-calidade-solos)

13 de diciembre. A UVigo consegue 5,2 millóns de euros de fondos para investigación procedentes do Plan Nacional.

Enlace web.

[https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-consegue-52-millons-euros-
fondos-investigacion-procedentes-plan-nacional](https://www.uvigo.gal/universidade/comunicacion/duvi/uvigo-consegue-52-millons-euros-fondos-investigacion-procedentes-plan-nacional)

External Press (outside the University)

11 de enero. INNOVA Campo Galego. Biohidróxeno a partir de residuos de eucalipto e cebada.

Enlace web.

[https://innova.campogalego.gal/forestal/biohidroxeno-a-partir-de-residuos-de-eucalipto-e-
cebada.html](https://innova.campogalego.gal/forestal/biohidroxeno-a-partir-de-residuos-de-eucalipto-e-
cebada.html)

11 de enero. La Voz de Galicia. Investigadores del campus de Ourense estudian el potencial del eucalipto y la cebada para producir hidrógeno verde.

Enlace web.

[https://www.lavozdeg Galicia.es/noticia/ourense/ourense/2024/01/11/investigadores-campus-
ourense-estudian-potencial-eucalipto-cebada-producir-hidrogeno-
verde/00031704986582209178780.htm](https://www.lavozdeg Galicia.es/noticia/ourense/ourense/2024/01/11/investigadores-campus-
ourense-estudian-potencial-eucalipto-cebada-producir-hidrogeno-
verde/00031704986582209178780.htm)

12 de enero. Faro de Vigo. Investigan la obtención de hidrógeno a partir de residuos del eucalipto y la cebada.

Enlace web.

[https://www.farodevigo.es/ourense/2024/01/12/investigan-obtencion-hidrogeno-partir-
residuos-96801606.html](https://www.farodevigo.es/ourense/2024/01/12/investigan-obtencion-hidrogeno-partir-
residuos-96801606.html)

12 de enero. El Diario.es. Investigan la obtención de hidrógeno a partir de residuos del eucalipto y la cebada

Enlace web.

https://www.eldiario.es/tecnologia/investigacion-produccion-biohidrogeno-partir-residuos-eucalipto-cebada_1_10830506.html

20 de enero. La Region. O Campus acolle a asemblea dun proxecto europeo da alimentación

Enlace web.

https://www.laregion.es/comarca-de-ourense/campus-acolle-assembly-dun-proxecto-europeo-da-alimentacion_1_20240120-2426828.html

24 de enero. La Voz de Galicia. El campus de Ourense destaca en la captación de fondos para la investigación

Enlace web.

https://www.lavozdeg Galicia.es/noticia/ourense/ourense/2024/01/24/campus-ourense-destaca-captacion-fondos-investigacion/0003_202401024C4992.htm

30 de enero. INNOVA Campo Galego. Universidade de Vigo e CSIC colaboran no estudo das comunidades microbianas dos solos agrícolas e forestais.

Enlace web.

<https://innova.campogalego.gal/agricultura/universidade-de-vigo-e-csic-colaboran-no-estudo-das-comunidades-microbianas-dos-solos-agricolas-e-forestais.html>

31 de enero. Faro de Vigo. Investigadores de la UVigo y del CSIC crean una unidad para reforzar su capacidad.

Enlace web.

<https://www.farodevigo.es/ourense/2024/01/31/investigadores-uvigo-csic-crean-unidad-97552464.html>

04 de febrero. Faro de Vigo. Investigadores de seis países evalúan en Ourense el diseño de prácticas agrícolas sostenibles.

Enlace web.

<https://www.farodevigo.es/ourense/2024/02/04/investigadores-seis-paises-evaluan-ourense-97723593.html>

11 de febrero. Faro de Vigo. La investigación del campus captó en 2023 más de tres millones de fondos internacionales

Enlace web.

<https://www.farodevigo.es/ourense/2024/02/11/investigacion-campus-capto-2023-tres-98016504.html>

02 de marzo. GCiencia. Un proxecto galego impulsa a sustentabilidade do sistema alimentario europeo a través da IA

Enlace web.

<https://www.gciencia.com/perspectivas/proxecto-galego-impulsa-sustentabilidade-sistema-alimentario-europeo-traves-da-ia/>

02 de marzo. Faro de Vigo. Un sistema alimentario máis seguro con IA.

Enlace web.

<https://www.farodevigo.es/gran-vigo/2024/03/02/sistema-alimentario-seguro-ia-98903715.html>

11 de marzo. Xornal de Vigo e comarcas. Investigadores da UVigo propoñen novas estratexias para a xestión sustentable de residuos vitivinícolas.

Enlace web.

<https://xornaldevigo.gal/vigo-e-contorna/118156-investigadores-da-uvigo-proponen-novas-estratexias-para-a-xestion-sustentable-de-residuos-vitivincolas/>

12 de marzo. Galicia Press. Investigadores de la UVigo proponen nuevas estrategias para la gestión sostenible de residuos vitivinícolas.

Enlace web.

<https://www.laregion.es/articulo/ourense/investigacion-area-alimentos-ourense-bate-record/202310271728531251825.html>

13 de marzo. Cadena Ser. Un grupo investigador de la UVigo desarrolla nuevas estrategias para la gestión sostenible de residuos vitivinícolas.

Enlace web.

<https://cadenaser.com/galicia/2024/03/12/un-grupo-investigador-de-la-uvigo-desarrolla-nuevas-estrategias-para-la-gestion-sostenible-de-residuos-vitivincolas-radio-vigo/>

20 de abril. Faro de Vigo. La Facultad de Ciencias acoge una jornada sobre los retos de la seguridad alimentaria.

Enlace web.

<https://www.farodevigo.es/ourense/2024/04/20/facultad-ciencias-acoge-jornada-retos-101313721.html>

13 de mayo. Diario Economía. Investigadores del Campus de Ourense lideran un proyecto europeo para la conversión de residuos agroforestales.

Enlace web.

<https://www.diarioeconomia.com/2024/05/13/investigadores-del-campus-de-ourense-lideran-un-proyecto-europeo-para-la-conversion-de-residuos-agroforestales/>

13 de mayo. Faro de Vigo. Progresar xa non ^{se} ~~se~~ marchar, pero para quedar hai que formarse.

Enlace web.

<https://www.farodevigo.es/faroeduca/2024/05/13/progresar-xa-non-marchar-que-102193849.html>

13 de mayo. G24.gal. Unha nova vida para os refugallos do monte.

Enlace web.

<https://www.g24.gal/-/unha-nova-vida-para-os-refugallos-do-monte>

20 de mayo. La Voz de Galicia. El campus de Ourense lanza un proyecto para convertir residuos agroforestales en biocombustible y productos para farmacia y alimentación.

Enlace web.

<https://www.lavozdeg Galicia.es/noticia/somosagro/forestal/2024/05/15/campus-ourense-lanza-proyecto-europeo-transformar-residuos-agroforestales-biocombustible-productos-industria-farmaceutica-alimentaria/00031715772442867757101.htm>

4 de junio. Faro de Vigo. El campus participa en la puesta en marcha de un laboratorio en Santo Tomé y Príncipe.

Enlace web.

<https://www.farodevigo.es/ourense/2024/06/04/campus-participa-puesta-marcha-laboratorio-103311767.html>

6 de junio. La Región. A investigación alimentaria une a UVigo con San Tomé e Príncipe.

Enlace web.

https://www.laregion.es/comarca-de-ourense/investigacion-alimentaria-une-uvigo-san-tome-principe_1_20240606-2454201.html

8 de junio. Televisión de Galicia. Reportaxe do programa Labranza, da Televisión de Galicia, do Proxecto AgroSus.

Enlace web.

<https://www.agalega.gal/videos/148199-labranza-08-06-2024/>

10 de junio. Faro de Vigo. La investigación del campus de Ourense captó 6,2 millones de euros en 2023.

Enlace web.

<https://www.farodevigo.es/ourense/2024/06/10/investigacion-campus-ourense-capto-6-103563330.html>

14 de junio. Cadena Ser. Entrevista á investigadora Adela Sánchez Moreiras na Feira de Cultivos de Tui (a partir do minuto 10:30).

Enlace web.

https://cadenaser.com/audio/cadenaser_tui_hoyporhoybaixomino_20240614_130400_14000/

17 de junio. La Voz de Galicia. O campus de Ourense estuda os circuitos das augas termais do noroeste peninsular.

Enlace web.

https://galego.lavozdeg Galicia.es/noticia/ourense/2024/06/17/campus-estudia-circuitos-aguas-termales-noroeste/0003_202406017C1991.htm

26 de junio. Vigoe. La UVigo se alza con 4 proyectos europeos de cooperación trasnacional.

Enlace web.

<https://www.vigoe.es/vigo/local/la-uvigo-se-alza-con-4-proyectos-europeos-de-cooperacion-trasnacional/>

11 de julio. INNOVA Campo Galego. Investigadores da Universidade de Vigo proban con éxito o uso de plantas “trampa” para loitar contra as pragas de nematodos nas patacas.

Enlace web.

<https://innova.campogalego.gal/agricultura/investigadores-da-universidade-de-vigo-proban-con-exito-o-uso-de-plantas-trampa-para-loitar-contra-as-pragas-de-nematodos-nas-patacas.html>

12 de julio. GCiencia. A UVigo emprega plantas trampa para loitar contra unha praga nas patacas.

Enlace web.

<https://www.gciencia.com/universidade-gl/a-uvigo-loitra-contra-a-praga-das-patacas-usando-plantas-trampa/>

26 de julio. INNOVA Campo Galego. “A crecente demanda de alimentos, impulsada polo aumento da poboación e os cambios nos patróns de consumo, oprimirá aínda máis os recursos naturais”

Enlace web.

<https://innova.campogalego.gal/agroalimentacion/a-crecente-demanda-de-alimentos-impulsada-polo-aumento-da-poboacion-e-os-cambios-nos-patrons-de-consumo-oprimira-ainda-mais-os-recursos-naturais.html>

30 de setembro. Faro de Vigo. El grupo con máis proxectos de la UVigo está en Ourense y captó 2,3 millones en un año.

Enlace web.

<https://www.farodevigo.es/ourense/2024/09/30/grupo-proyectos-uvigo-ourense-capto-108724723.html>

1 de outubro. GCiencia. Un equipo da UVigo estuda como producir químicos a partir de bagazo de uva e mazá.

Enlace web.

<https://www.gciencia.com/universidade-gl/un-equipo-da-uvigo-estuda-como-producir-quimicos-a-partir-de-bagazo-de-uva-e-maza/>

3 de outubro. G24.gal. Investigadoras do Campus de Ourense demostran os beneficios para saúde da planta da mostaza.

Enlace web.

<https://www.g24.gal/-/investigadoras-do-campus-de-ourense-demostran-os-beneficios-para-saude-da-planta-da-mostaza>

7 de outubro. La Voz de Galicia. Ourense y Toén participan en un plan para analizar la biodiversidad del suelo.

Enlace web.

https://www.lavozdeg Galicia.es/noticia/ourense/2024/10/07/ourense-toen-participan-plan-analizar-biodiversidad-suelo/0003_20241007C1991.htm

14 de outubro. GCiencia. Os mapas do solo galego: case a metade da xeografía presenta niveis elevados de arsénico.

Enlace web.

<https://www.gciencia.com/medioambiental/os-mapas-do-solo-galego-case-a-metade-da-xeografia-presenta-niveis-elevados-de-arsenico/>

15 de outubro. INNOVA Campo Galego. A UVigo únese a un proxecto europeo para investigar a conexión entre a biodiversidade e as funcións do solo.

Enlace web.

<https://innova.campogalego.gal/campus-terra/a-uvigo-unese-a-un-proxecto-europeo-para-investigar-a-conexion-entre-a-biodiversidade-e-as-funcions-do-solo.html>

15 de outubro. G24.gal. Ourense participa nunha investigación para saber como lle afectará o cambio climático ao solo.

Enlace web.

<https://www.g24.gal/-/ourense-participa-nunha-investigacion-para-saber-como-lle-afectara-o-cambio-climatico-ao-solo>

12 de novembro. GCiencia. Un estudo galego propón o aceite de xirasol para extraer microplásticos da auga.

Enlace web.

<https://www.gciencia.com/investigacion/estudo-galego-propon-aceite-xirasol-extraer-microplasticos-auga/>

14 de novembro. INNOVA Campo Galego. A Universidade de Vigo é elixida a mellor de España en Ciencia e Tecnoloxía dos Alimentos.

Enlace web.

<https://innova.campogalego.gal/agroalimentacion/a-universidade-de-vigo-e-elixida-a-mellor-de-espana-en-ciencia-e-tecnoloxia-dos-alimentos.html>

10 de diciembre. INNOVA Campo Galego. Ensaian en Ourense o uso de compost a partir de restos forestais e xurro de porcino para mellor os solos dos viñedos.

Enlace web.

<https://innova.campogalego.gal/vina/ensaian-en-ourense-o-uso-de-compost-a-partir-de-restos-forestais-e-xurro-de-porcino-para-mellor-os-solos-dos-vinedos.html>

13 de diciembre. GCiencia. ¿Cómo mellorar a fertilidade do solo? A clave está no uso de residuos porcinos e forestais.

Enlace web.<https://www.gciencia.com/universidade-gl/mellorar-fertilidade-solo-residuos-porcinos-forestais/>