

## Bases of the call for the provision of a position of POST-DOCTORATE INTERN FOR THE INIA-ANII PROJECT

**Position profile:** The National Institute for Agricultural Research (INIA) is engaged in the search for a **POST-DOCTORATE** fellow to work within the framework of the project "**The role of physical and chemical anti-herbivore defenses in long-term integrated crop-pasture sequences: trade-offs between silicon, alkaloids, and phenols, and their subsequent effects on below- and above-ground insect herbivores**" (MPI\_ID\_2021\_1\_1010864).

The project is part of an international cooperation agreement between INIA and the Max Planck Institute for Chemical Ecology (IMP-CE) in Jena, Germany, and has the support of the National Agency for Research in Innovation (ANII-Uruguay).

The selected person will join a young, ambitious, connected working group, on an original, relevant topic with potential impact. Its main objective will be to evaluate how the quality of the soil resulting from contrasting land uses affects the interaction between the different types of anti-herbivore defenses that crops express. For this, an ecological platform a long-term trial established at INIA La Estanzuela in 1963 (Grahmann et al. 2020) that includes sequences with very different degrees of intensification.

### Main responsibilities:

- Coordinate and carry out sampling in experiments and field surveys and manage already existing samples (archived).
- Process samples and support their analysis in the laboratory.
- Analyze the data generated and present written and oral reports.
- Systematically review the international bibliography.
- Publish papers in conferences and outreach, and at least two scientific articles (UdelaR requirement).

**Working hours:**  
40 hours per week

**Contract modality:**  
term 24 months

**Workplace:** La Estanzuela

**Call reference:** PosDoc  
MPI\_ID\_2021\_1\_1010864



### Profile of the candidate:

- Doctorate in Agricultural or Biological Sciences related to entomology or biotic stress, valuing experience in physical and chemical anti-herbivore defenses.
- Excellent level of written English, and good oral English.
- Demonstrated ability to lead the publication of scientific articles.
- Ability to interact with national and international entomology working groups.

### Labor conditions:

It is a contract for a period of 24 months, and a trial period of one year, a start of activities is expected as soon as possible and a dedication of 40 hours per week, based in the department of Colonia, as well as availability for travel National and international.

Regarding remuneration, it conforms to what is published by ANII for national postdocs (see ANII Scholarship Regulations (<http://www.anii.org.uy/apoyos/formacion/>))

### Modality of the Call:

Those who apply will be shortlisted in the evaluation of merits, for which training, and employment history will be taken into account. The shortlisted candidates will be summoned for an interview with the court. In this instance of evaluation, in addition to the vocation for scientific activity, the capacity for interpersonal relationship, proactivity and willingness to work in a team, among other dimensions, will be valued.

For questions about the project, contact Dr. Ximena Cibils - ([xcibils@inia.org.uy](mailto:xcibils@inia.org.uy))

To apply, complete the following form <https://forms.office.com/r/iGGryKGp62> and send an updated CV in CVuy format (Uruguayan applicants) or in a similar format (foreigners), attaching the main titles obtained and motivation letters to [rrhh@inia.org.uy](mailto:rrhh@inia.org.uy)

In the subject of the email: PosDoc MPI\_ID\_2021\_1\_1010864  
Deadline for CV reception: September 10, 2023

In compliance with art. 745 of the National Budget Law No. 19924 (period 2020 - 2024) may not assume this position those people who already provide personal services for a person of non-state public law.

INIA promotes the application without distinction of age, ethnic-racial descent, gender, sexual orientation, marital status, political opinion, religion or physical condition.

