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ISIDORe

INTEGRATED SERVICES FOR INFECTIOUS DISEASE OUTBREAK RESEARCH

ISIDORe II

TNA Call for Proposals

Mobilising Research Infrastructure Services for Andes Virus & ANDV-relevant Hantavirus Research

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ABBREVIATIONS & ACRONYMS

ABBREVIATION	FULL NAME
ANDV	*Orthohantavirus andesense* or Andes virus
ECDC	European Centre for Disease Prevention and Control
EMA	European Medicines Agency
ERINHA	European Research Infrastructure on Highly Pathogenic Agents
EURL	European Reference Laboratory
HERA	Health Emergency Preparedness & Response Authority
ISIDORe	Integrated Services for Infectious Disease Outbreak Research
JRA	Joint Research Activity
M/VCM	Medical & Veterinary Countermeasure
MTA	Material Transfer Agreement
PP&R	Pandemic Preparedness & Response
R&D	Research and Development
RI	Research Infrastructure
StAB	Strategic Advisory Board
TNA	Transnational Access
WHO	World Health Organization
WOAH	World Organisation for Animal Health

ISIDORe II TNA Call for Proposals

Mobilising Research Infrastructure Services
for Andes Virus & ANDV-relevant Hantavirus Research

The EU-funded ISIDORe II project invites applications for free-of-charge Transnational Access (TNA) to research infrastructure (RI) services supporting Andes virus (ANDV) and ANDV-relevant hantavirus research.

European research infrastructures provide the scientific community with access to specialised resources, facilities, technologies, expertise and services. In ISIDORe II, these capacities are brought together to support infectious disease preparedness and response research through a coordinated portfolio of services.

Transnational Access (TNA) is the EU-funded mechanism through which researchers or research teams can apply to access RI services **free of charge**. Applications will be reviewed against multiple criteria, including scientific merit, fit with the call scope, added value of ISIDORe II access and feasibility. Successful applicants become users and receive access to the agreed ISIDORe II service or combination of services. Users do not receive a financial grant; instead, ISIDORe II covers the cost of access to the selected RI services that they need to advance their project.

PRIORITY AREAS

Applications should address one or more of the priority areas below and must request access to one or more services available through the ISIDORe II catalogue of services. Applicants should identify the main priority area addressed by their proposal and explain why the requested ISIDORe II service, or combination of services, is needed.

The call focuses on Andes virus (ANDV; *Orthohantavirus andesense*). Work involving another orthohantavirus may be considered only when that virus is used to address a defined ANDV-relevant question, for example as an experimentally justified surrogate, comparator virus, reagent source, assay control or model-development tool. Standalone work on other hantaviruses is outside the scope of this call.

1. Therapeutic and non-vaccine prophylactic candidate evaluation

This priority area covers proposals seeking service-based evaluation, comparison or characterisation of existing therapeutic or non-vaccine prophylactic candidates against ANDV or ANDV-relevant hantaviruses.

Relevant candidates may include repurposed or novel antivirals, broad-spectrum or ANDV-specific antiviral candidates, monoclonal or polyclonal antibody-based approaches, serum-derived or other immune-based approaches, or other well-justified candidates supported by preliminary evidence and a plausible path towards further development.

Priority will be given to proposals that use ISIDORe II services to generate additional preclinical or translationally relevant evidence on existing candidates, for example where a candidate:

- has preliminary activity against ANDV and requires further characterisation in an additional relevant assay, model or readout;
- has activity against another relevant hantavirus and requires testing against ANDV or an ANDV-relevant system;
- requires comparative assessment across ANDV, surrogate systems or comparator hantaviruses to clarify its relevance for treatment or prophylaxis.

Examples of suitable applications may include but are not necessarily limited to:

- testing an existing antiviral candidate using ANDV, a justified surrogate approach, or an appropriate ANDV-relevant model
- assessing neutralising activity or breadth of an antibody-based candidate across ANDV and comparator hantaviruses;
- characterising activity using readouts such as viral replication, neutralisation, cytotoxicity or host-response markers.

This call will not support open-ended compound discovery, untargeted large-scale screening campaigns, clinical trials, manufacturing scale-up, or activities primarily aimed at standalone regulatory approval.

2. Diagnostic tools, assays, reagents and reference materials for ANDV-relevant research

This priority area covers proposals seeking service-based development, adaptation, analytical evaluation, benchmarking or characterisation of diagnostic tools, assays, reagents, reference materials or related research tools for ANDV or ANDV-relevant hantaviruses.

Development of diagnostic tools and assays is within scope, provided that the requested work is research-oriented, service-based and linked to a defined ANDV-relevant bottleneck. Eligible work may include molecular, serological, antigen-detection, neutralisation-based, portable or point-of-care approaches, as well as the reagents and reference materials needed to support their evaluation, benchmarking or standardisation.

Priority will be given to proposals that address a specific gap in ANDV-related diagnostic or assay readiness, such as analytical sensitivity, specificity, cross-reactivity, robustness, portability, standardisation, or access to appropriate controls, panels, sera, antibodies, recombinant proteins or viral material.

Examples of suitable applications may include but are not limited to:

- evaluating the analytical performance of a prototype molecular, serological, antigen-detection or portable diagnostic tool using ANDV-relevant materials or panels;
- characterising reference material, sera, antibodies, recombinant proteins, inactivated material or viral material needed to support assay development, benchmarking or standardisation;
- comparing assay performance across ANDV and relevant surrogate or comparator hantaviruses.

This call will not support routine diagnostic testing, surveillance activities or operational deployment of diagnostic tools as part of a public-health response. National reference laboratories, EU Reference Laboratories, public-health institutes or similar bodies may apply only where the proposal addresses a clearly defined research objective requiring access to ISIDORe II services.

3. ANDV-relevant models, experimental systems and readouts

This priority area covers proposals seeking service-based use, comparison or characterisation of models, experimental approaches or readouts for ANDV or ANDV-relevant hantavirus research.

Priority will be given to proposals that help determine whether a model, system or readout is suitable for a defined ANDV-relevant purpose, such as pathogenesis studies, tropism studies, host-response analysis or research on medical countermeasures.

Proposals may use established or adapted cellular, tissue-based, ex vivo, organoid/organotypic or animal models, and may include work with ANDV, related hantaviruses, pseudotyped particles or other justified surrogate approaches. Applicants should explain why the selected model or approach is appropriate for the ANDV-relevant question being addressed.

Examples of suitable applications may include but are not limited to:

- assessing ANDV infection, tropism or host-response readouts in a relevant cellular, organoid, organotypic, ex vivo or animal model;
- comparing readouts across experimental systems to determine their suitability for ANDV research or candidate evaluation;
- characterising model outputs using imaging, omics, immunological, virological readouts, etc.;
- evaluating whether a surrogate can support ANDV-relevant assay development, pathogenesis studies or countermeasure evaluation.

This call will not support broad wildlife ecology, reservoir mapping or routine surveillance unless they are directly linked to an ISIDORe II service and to a clearly defined ANDV-relevant research objective.

Co-development and adaptation within TNA

Across all priority areas, this call may support limited, user-driven co-development or adaptation where this is necessary to make an existing ISIDORe II service, assay, model, tool, reagent, material or workflow usable for a specific ANDV or ANDV-relevant hantavirus access project.

Co-development or adaptation is not a separate priority area and should not be submitted as a standalone technology-development project. **It is a cross-cutting possibility that may be included within proposals under Priority Area 1, 2 or 3 where targeted adjustment is required before the requested access can be delivered**.

Such activities must be realistic, time-bounded and directly connected to the TNA application.

Applicants should clearly describe:

- the existing service, assay, model, tool, material or workflow to be adapted;
- why the adaptation is necessary for the ANDV-relevant research question;
- what can reasonably be achieved within the proposed TNA access project;
- what output will be generated and how it will support the proposed research.

Examples of suitable co-development or adaptation may include:

- adapting an existing hantavirus molecular, serological or neutralisation assay to include ANDV material, controls, reference material or comparator viruses;
- adjusting an established model or experimental approach to support a defined ANDV-relevant endpoint;
- refining sampling points, readouts or analysis workflows so that an existing system can support candidate evaluation, tropism studies or host-response analysis.

This call will not support broad technology development or the creation of entirely new services.

ISIDORe II support that may be requested

Applicants should request access to one or more services listed in the ISIDORe II catalogue for this call and explain why access through ISIDORe II is required.

ELIGIBILITY OF APPLICANTS

The call is open to researchers from academia, public research organisations, public-health-linked research bodies, industry, SMEs and all relevant research-performing organisations. Priority will be given to applicants that did not receive support under the first ISIDORe grant.

Access will be provided according to Horizon Europe TNA rules. At least 80% of access provision must benefit users from EU Member States or countries associated to Horizon Europe, while up to 20% may support international users where justified and eligible under ISIDORe II rules.

Applicants must comply with all relevant ethical, biosafety, biosecurity, data protection, access, reporting and visibility requirements.

Evaluation criteria

Applications will be evaluated against the following criteria:

- **Scientific relevance**: the proposal addresses a clear ANDV or ANDV-relevant hantavirus research need.
- **Fit with call scope and priorities**: the proposal is aligned with one or more priority areas and does not duplicate public-health, reference laboratory, clinical response or other funding mechanisms.
- **Added value of ISIDORe II access**: the proposal demonstrates why access to ISIDORe II services is necessary.
- **Feasibility**: the proposed work is technically, operationally, ethically and legally feasible within the ISIDORe II TNA framework.

User obligations

Selected users must sign and comply with the ISIDORe II Terms and Conditions before access can start. This includes compliance with ISIDORe II ethics, biosafety, biosecurity and security requirements, as applicable to the access project.

Selected users must comply with open science requirements, including open access to publications and FAIR data principles, where applicable.

Results generated through ISIDORe II-supported access must be disseminated in an appropriate manner. This dissemination obligation does not apply to SMEs.

All publications, presentations, posters, datasets, press releases and other outputs resulting from ISIDORe II-supported access must acknowledge the support received from ISIDORe II and the European Union funding, in line with the instructions provided to selected users.

Selected users must provide the information required for ISIDORe II implementation and reporting, including feedback on the access provided, short scientific or technical reports, information on outputs arising from the project, and updates on resulting publications or follow-up activities.

Indicative timeline

- Call opening: 21.09.2026
- Information webinar: 28.09.2026
- Application deadline: 11.12.2026
- Selection decision: End of February
- Service provision: Starting March

HOW TO APPLY

- Please make sure that you have read (and comply with) the call criteria and eligibility conditions.
- Prepare your ORCID number. If you do not have one yet, please go to orcid.org to obtain your own in a few clicks.
- Select the service you want to apply for from our catalogue.
- Follow the prompts to login or create a new profile in the ISIDORe Access Management System (AMS)
- You will be asked to fill in and submit your pre-application form briefly describing your research proposal.
- After your pre-application is submitted, you will receive an ISIDORe ID number (ISID_xxxx). Please ensure that you include this ID number in all future enquiries regarding your application and service provision.
- You will receive follow up instructions from the relevant ISIDORe partner for how to submit your full application.
- Depending on the service request details, you may be asked to provide further information regarding ethical and security aspects.
- Your application will be first evaluated for compliance with eligibility criteria, then reviewed for feasibility and peer reviewed by an independent panel of external evaluators. You will be notified of the outcome.
- Successful applicants will be contacted by ISIDORe and will then agree on the next steps and timeline for implementation in the laboratory identified as the most appropriate for your service request. Users of ISIDORe services will be required to agree to our terms and conditions of service before service provision begins.

Contact

For questions on the call scope, service catalogue or application process, please contact us at contact@isidore-project.eu

For technical questions on specific services, applicants should follow the guidance provided in the service catalogue and application system.