

**Partner Search Form**  
**Horizon Europe**  
**Health**



Date

Deadline

**CONTACT**

|                       |                                                                   |                   |                                 |
|-----------------------|-------------------------------------------------------------------|-------------------|---------------------------------|
| <b>Organisation</b>   | National Institute of Geriatrics, Rheumatology and Rehabilitation | <b>Department</b> | Pathophysiology and Immunology  |
| <b>Contact person</b> | Ewa Kuca-Warnawin                                                 | <b>Email</b>      | ewa.kuca-warnawin@spartanska.pl |
| <b>City</b>           | Warsaw                                                            | <b>Website</b>    | www.spartanska.pl               |
| <b>Country</b>        | Poland                                                            |                   |                                 |

**Organisation type**

|                                   |                                                                                                                                                                                                              |                                                                                                           |                                                                     |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Research organisation type</b> | <input checked="" type="checkbox"/> Research Organisation<br><input type="checkbox"/> University<br><input type="checkbox"/> Company<br><input type="checkbox"/> Other (sole proprietorship, medical clinic) | <b>Is your company a Small and Medium Sized Enterprise (SME*)?</b><br><br><b>Number of employees:</b> 768 | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|

Your enterprise is an SME if:

- it is engaged in **economic activity**
- it has **less than 250 employees**
- it has either an **annual turnover not exceeding €50M**, or an **balance sheet total not exceeding €43M**
- it is **autonomous**

For the definition of SMEs, look at: [http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition\\_en](http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en)

**Short introduction of key areas of institute's research:**

The National Institute of Geriatrics, Rheumatology and Rehabilitation (NIGRiR) is a specialised clinical and research institute combining rheumatology, geriatrics and experimental immunology. This setting enables translational research integrating clinically characterised patient cohorts, biological samples and experimental laboratory studies.

The Department of Pathophysiology and Immunology provides expertise in multiparametric flow cytometry, immune-cell phenotyping, cell isolation and sorting, ex vivo cell culture and stimulation, functional immune assays, RT-qPCR, cytokine and soluble biomarker measurements, and validation of molecular and single-cell findings. NIGRiR can contribute to collaborative projects as a clinical and experimental immunology partner, providing access to patient-derived biological material together with immune phenotyping and functional studies.

|                                                        |                                                                     |
|--------------------------------------------------------|---------------------------------------------------------------------|
| <b>Former participation in an FP European project?</b> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| <b>Project title / Acronym:</b>                        | AUTOCURE, Marie Curie                                               |
| <b>Activities performed:</b>                           | Sample collection, multiparametric flow cytometry, student training |

**Expertise / Commitment offered** We are seeking to join a consortium currently being formed for IHI Call 13 Topic 3 as a clinical and experimental immunology partner. We are particularly interested in consortia addressing age-associated immune remodelling, immune-mediated diseases, patient stratification, biomarkers and treatment response.

**Description of your expertise:**

- **CLINICAL COHORTS & BIOBANK**  
Clinically characterised patients with RA, PsA/SpA, Sjögren's disease and AAV/GPA; longitudinal sampling; PBMC, serum, plasma and primary patient-derived cells; institutional biobank operating within ISO 9001:2015 and ISO 20387:2018 quality frameworks.
- **ADVANCED IMMUNOPHENOTYPING & CELL SORTING**  
High-parameter flow cytometry (FACSymphony); T-, B-, NK- and myeloid-cell phenotyping; Treg, activation, memory and exhaustion profiles; FACSARIA cell sorting; magnetic and column-free cell isolation (MACS/EasySep).
- **FUNCTIONAL & MOLECULAR IMMUNOLOGY**  
PBMC drug-response assays; T-cell activation and proliferation; Treg suppression; monocyte inflammatory-response assays; co-cultures; viability/apoptosis; cytokine analysis; high-throughput RT-qPCR and molecular validation.
- **TRANSLATIONAL VALIDATION**  
Integration of clinical data with cellular and molecular immune phenotypes; longitudinal treatment-response studies; validation of RNA-seq/scRNA-seq findings in patient cohorts; support for transcriptomic, proteomic and metabolomic studies.

**Keywords specifying your expertise:**

immune-mediated diseases; immune ageing; rheumatology; rheumatoid arthritis; Sjögren's disease; AAV/GPA; immunophenotyping; multiparametric flow cytometry; functional immune assays; PBMC; cell sorting; biobanking; treatment response; biomarkers; translational immunology; omics validation

**Commitment offered:**

- ☒ Research
 ☐ Demonstration
 ☒ Training  
☐ Technology
 ☐ Dissemination
 ☐ Other:

**Interested in participation in project types:**

- |                                                                  |                                            |                                         |
|------------------------------------------------------------------|--------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Research & Innovation Action | <input type="checkbox"/> Innovation Action | <input type="checkbox"/> EIC Pathfinder |
|------------------------------------------------------------------|--------------------------------------------|-----------------------------------------|

**Work Programme research areas: indicate your interest**

Health

**Call topic(s):**

Decode the immuno-science of age-related immune-mediated diseases

**Do you have other  
partners for this  
topic (which  
partners/country)?**

No

**Profile of partner sought**

**Role**

☐ technology development

☐ research

☐ training

☐ dissemination

☐ demonstration

☐ other \_\_\_\_\_

**Country /region**

☐ Any

**Expertise required**

**I agree with the publication of my contact data:**

☒ YES

☐ NO