Strategic research plan 2023-2025

Research is future
HOW IT WAS BORN

ARISLA MISSION
FUNDING RESEARCH ON ALS TO IDENTIFY NEW THERAPIES

INTERACTION WITH OUR STAKEHOLDERS
SCIENTIFIC ADVISORY BOARD, SCIENTISTS, AND PATIENTS

CONSIDERATION OF THE INTERNATIONAL CONTEXT
NINDS (US NIH) ALS STRATEGIC PLAN

NEW VISION
STEERING RESEARCH TOWARDS TRANSLATION AND GREATER CLINICAL IMPACT
NEW VISION

A ‘CLINICALLY INFORMED’ RESEARCH TO

• Support research that starts with patient characteristics to generate new results that have the potential to be translated into the clinic.

• Fund research that accelerate the diagnosis and the identification of effective interventions for the treatment and prevention of ALS.
OBJECTIVES

1. Optimise CLINICAL RESEARCH and ACCELERATE BASIC RESEARCH to understand pathophysiology

2. Improve QUALITY OF LIFE of patients with ALS

3. Create new PARTNERSHIP opportunities between academia, associations and industry

4. Contribute to SCIENTIFIC and LAY DISSEMINATION
SCIENTIFIC RESEARCH AND AREAS OF INTERVENTION

WHAT WE WANT

1. To optimise **CLINICAL RESEARCH** and **ACCELERATE RESEARCH** on the underlying pathophysiology of ALS

HOW

- New **PRIORITIES** in the annual call for proposals
- **COLLABORATION** between basic and clinical research

2. To improve the **QUALITY OF LIFE** of people with ALS

Clinical studies on **BIOMARKERS** to address patients' **CLINICAL ISSUES**
1) IMPACT ON CLINIC

We support research based on knowledge of patient characteristics.

NEW PRIORITIES WITHIN THE CALLS

We are directing research by highlighting specific topics, such as:

- Effective clinical measures and biomarkers of ALS diagnosis and progression
- Natural history of ALS
- Mechanisms underlying the heterogeneity of ALS
- New disease models

INTERACTIONS BETWEEN SCIENTISTS AND CLINICIANS

We organise thematic workshops dedicated to basic and clinical scientists, to promote their interaction and steer fruitful discussion on relevant topics of common interest.

INNOVATIVE IDEAS

We encourage the involvement of young researchers and experts to bring in new expertise for the study of ALS, in particularly through the Pilot Grant programme.

2023 Call for applications
We invest our funds in clinical projects to improve patient care management.

2023-2025
CLINICAL STUDIES ON BULBAR IMPAIRMENT

During this three-year period, we are funding research projects to support clinicians to define the progression of the bulbar onset form, and intervene earlier on associated symptoms, including speech and swallowing problems.

In this context we are also funding new studies in our Laboratory to improve the clinical aspects of metabolic changes and their relationship to the clinical problems of dysphagia.
SUPPORT TO RESEARCH

WHAT WE WANT

3. To create new PARTNERSHIP opportunities between academia, associations and industry

HOW

- National SCIENTIFIC EVENTS and thematic workshops
- National and international ALLIANCES

4. To strengthen our commitment to SCIENTIFIC AND LAY DISSEMINATION

NEW communication INITIATIVES to share research results
We believe in sharing information and working together to develop new solutions.

**AriSLA CONGRESS**

- We encourage the participation of representatives from academia, associations, and industry at the AriSLA Scientific Congress to share the latest research on ALS and to foster partnerships between different stakeholders.

**NATIONAL INITIATIVES**

- We raise awareness of the importance of research on ALS and communicate the activities of AriSLA
- We share goals with other organisations to increase the impact of efforts to fight the disease.

**INTERNATIONAL ALLIANCES**

- We participate in international initiatives to learn about activities in other countries and share common strategies.
4) DISSEMINATION TO RAISE AWARENESS

We strive to ensure that everyone feels that they are an active part of the research process.

- We carry out a cycle of interviews with clinical researchers to explain ongoing clinical trials in Italy and internationally.
- We promote meetings open to local communities to increase knowledge of the work of the scientific community.

PROMOTION OF KNOWLEDGE ABOUT ALS

We maintain an ongoing dialogue with all stakeholders through the renewal and implementation of AriSLA communication tools:

- Institutional web site
- Social networks
- Social report book
- Newsletter

INVolVEMENT OF RESEARCHERS
We trust in Research

because research is Future!