

**CALL FOR IDEAS AriSLA 2009 - Lettere di intenti selezionate**

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AIMIALS	Restoring Autophagy to improve motoneuron function in Amyotrophic Lateral Sclerosis Caused by super-oxide dysmutase 1	Università degli Studi di Pisa - Dipartimento di Morfologia Umana e Biologia Applicata
ALS_MUSCLE	Effects of Androgenic/Anabolic Steroids and IGF-1 on Muscle Cells in Amyotrophic Lateral Sclerosis	Università degli Studi di Milano - Dipartimento di Endocrinologia
ALSoStem	Development of a stem cell approach for the treatment of Amyotrophic Lateral Sclerosis	Università degli Studi di Milano - Dipartimento di Scienze Neurologiche
AptaALS	Development of bifunctional RNA aptamers able to cross the blood-brain barrier as novel therapeutic tools for amyotrophic lateral sclerosis (ALS)	CNR
ASTATUNALS	Alsin and Senataxin: translational approaches to understand neurodegeneration of Amyotrophic Lateral Sclerosis	IRCCS "Eugenio Medea" - Lecco
BCI-ALS	Brain computer interface as a tool for communication? Validation for indication in the individual patient with ALS	Fondazione San Raffaele di Monte Tabor - Istituto di Neurologia Sperimentale, Milano
BRINDISYS	Brain-Interface devices to support individual autonomy in individuals with severe motor deficits	IRCCS - Fondazione Santa Lucia
CanALS	A Randomized, Double-Blind, Placebo-Controlled, followed by an Open - Label Extension Phase, Pilot Study to Asses the Efficacy on Spasticity Symptoms, Tolerability and Safety of a Cannabis Sativa Extract in ALS Patients tle	Fondazione S.Raffaele del Monte Tabor - Milano
CHIMERALS	3D chimeric neuromuscular junctions as valuable tool of in vitro study of ALS disease	Università degli Studi di Pisa - Dipartimento di Ingegneria Chimica
eeDRIALS	A novel proposal for assessing and monitoring ventilatory function in patients with amyotrophic lateral sclerosis: VRI system could predict easily and early the onset of the respiratory involvment and the course in all phases of the disease.	Policlinico Le Scotte, Azienda Ospedaliera Senese, Siena - U.O. Fisiopatologia Respiratoria

EPOSALA	Erythropoietin in ALS: a study of dose-finding and safety	IRCCS Istituto Neurologico Carlo Besta - Milano
EXOMEFALS	Identification of candidate disease genes in FALS using a targeted exon capture and resequencing approach	I.R.C.C.S. Istituto Auxologico Italiano
FatALS	Evaluation of therapeutical potential and homing of adipose tissue stem cells in murine model of familial amyotrophic lateral sclerosis	Università degli Studi di Verona - Dipartimento di Morfologia e Scienze Biomediche
GluMetALS	Group I metabotropic glutamate receptors as possible targets for therapeutic intervention in amyotrophic lateral sclerosis: a preclinical study.	Università degli Studi di Genova - Dipartimento di Medicina Sperimentale
HGFightALS	Animal models and molecular approaches for ALS therapy by the HGF/Met system: a preclinical study	Università degli Studi di Torino - Dipartimento di Farmacologia e Medicina Forense
HTSALS	New drugs for treatment of Amyotrophic Lateral Sclerosis: a high-throughput screening approach based on multiple fluorescent probes	Università degli Studi di Sassari - Dipartimento di Biochimica Cellulare e Scienze Fisiologiche
ITALSGEN	Phenotypic, genetic and biological characterisation of ALS: a bridge toward developing effective therapies	Università degli Studi di Torino - Dipartimento di Neuroscienze
kuadrupe/2	Lightweight modular system, consistin of an eletronic wheelchair and a lift	Laboratorio Tecnothon
MappALS	Structural and functional changes in the brain of patients with Amyotrophic Lateral Sclerosis: a multiparametric MRI study	Fondazione S.Raffaele del Monte Tabor - Milano
MESCALS	Mesenchymal stem cells in the treatment of ALS: from bench to bedside	Istituto Nazionale di Neuroscienze - Università degli Studi di Torino
MIRALS	MicroRNAs in ALS pathogenesis and their possible use in therapy	Università "La Sapienza" di Roma - Dipartimento di Genetica e Biologia Molecolare
MITALS	Mitochondrial dysfunction in ALS : a study of novel molecular partners as targets for therapeutic interventions	Università di Roma "Tor Vergata" - Dipartimento di Biologia
MyoALS	Caracterization of the muscle-nerve crosstalk in the phatogenesis of ALS	Università "La Sapienza" di Roma - Dipartimento di Istologia e Embriologia medica
NANO <sub>4</sub> ALS	Advanced delivery nanosystems for pharmacological treatment of ALS	Università di Catania - Dipartimento di Farmacologia
NICHE-ALS	Development of an engineered 3-D muscle NICHE as tissue model for ALS disease	Università degli Studi di Pisa - Facoltà di Ingegneria

OpenAid	OpenAid: Supporting Open, Affordable, ReUsable and Highly Personalizable Aids for ALS Patients Exploiting Consumer Electronics and Software	Politecnico di Torino - Dipartimento di Automatica e Informatica
PDCALS	Transplants of Placenta Derived Cells as Potential Anti-inflammatory Treatment for Amyotrophic Lateral Sclerosis mouse model	Fondazione Poliambulanza CREM
PRALS	P2X7 Receptor in Amyotrophic Lateral Sclerosis	CNR
ProNanoBio	Molecula neuro science of motoneuron diseases:proteomic and nano detenction of biomolecules towards tha understanding of pathology and protection mechanism in a genetic model of ALS	Università degli Studi di Trieste - Dipartimento di Scienze della Vita
RBPALS	Characterization of disease mechanisms mediated by TDP-43 and FUS RNA-binding proteins in Amyotrophic Lateral Sclerosis	IRCCS Istituto Auxologico Italiano
SSS-VEP-BCI	Spread Spectrum Stimulations for a Visual Evoked Potential Brain-Computer Interface	Politecnico di Milano - Dipartimento di Ingegneria Biomedica
TELE - TREATMENT	Pilot study on the use of tele-treatment in patients with Amyotrophic Lateral Sclerosis (ALS) and their caregivers: the added value of videoconference.	IRCCS Fondazione Salvatore Maugeri - Gussago/Lumezzane
THINactiveECoG	Development of a ultra-thin microelectrode active epicortical array for improving the efficiency and stability of brain computer interface (BCI) based electrocorticogram (ECoG) signals	Università "La Sapienza" di Roma - Dipartimento di Fisiologia e Farmacologia

Insieme per un futuro senza SLA

