LISTE DES PROJETS ET AIDES AUX JEUNES CHERCHEURS FINANCES PAR L'AFM-TELETHON EN 2015

POLITIQUE D'APPEL D'OFFRES

Projets soumis à l'AO

Commission : Myologie fondamentale

Aides aux jeunes chercheurs

PESSINA Patrizia, BARCELONE, Espagne
Analysis of the cellular mechanisms underlying fibrosis development in dystrophic muscle
ROBERT-PAGANIN Julien, PARIS, France
Insights for novel treatment of HCM: structural studies of beta cardiac myosin to understand the impact of HCM mutations and the mechanism of modulators of force generation

Financements de projets Tremplins

COPPEE Frédérique, MONS, Belgique
Functional study of the DUX4c double homeodomain protein and its involvement in human muscle regeneration
LE GOFF Carine, PARIS, France
Role of ADAMTSL2 in skeletal muscle development
MEILHAC Ségolène, PARIS, France
Role of primary cilia in the growth of the cardiac muscle
VON HOFSTEN Jonas, UMEÅ, Suède
Induced regeneration of unique muscle identities

Financements de projets

ARMAND Anne-Sophie, PARIS, France
Regulation of dystrophin expression by the NFAT transcription factors during skeletal myogenesis
BLAAUW Bert, PADOUE, Italie
The role of S6K in the regulation of skeletal muscle mass and function
BORYCKI Anne-Gaëlle, SHEFFIELD, Royaume-Uni
Role of sonic hedgehog signalling in adult skeletal muscles
BOUTER Anthony, PESSAC, France
Annexins in membrane repair of human skeletal muscle
BUSCHBECK Marcus, BARCELONE, Espagne
How does the histone variant macroH2A regulate muscle metabolism in health and disease?
CABELLO-VERRUGIO Claudio Alejandro, SANTIAGO, Chili
Anti-atrophic role of Angiotensin 1-7 on skeletal muscle
CASAS François, MONTPELLIER, France
Influence of mitochondrial homeostasis in the control of the regeneration and skeletal muscle mass
CHAZAUD Bénédicte, VILLEURBANNE, France
Molecular coupling between myogenesis and angiogenesis
CHRETIEN Fabrice, PARIS, France
The role of CXCL12 and the paradigm of chemokine immobilization in muscle regeneration
DE SANTA BARBARA Pascal, MONTPELLIER, France
Function of double-strain RNA-Binding Protein and Collagen during digestive smooth muscle cell plasticity
DEFOSSEZ Pierre-Antoine, PARIS, France
Epigenetics of muscle cell differentiation: the role of DNA methylation and methyl-DNA-binding proteins

DUPREZ Delphine, PARIS, France
Link between and the CXCL12//CXCR7 signalling pathway in the connective-tissue-mediated control of muscle formation
GRAZIANI Andrea, NOVARA, Italie
Ghrelin peptides as novel anti-atrophic factors acting directly in the skeletal muscle: identification of their molecular mechanisms and of their role in cancer cachexia
HEIDMANN Thierry, VILLEJUIF, France
Role of the 'captured' fusogenic syncytin genes in muscle formation, regeneration and pathology
MAMMUCARI Cristina, PADOUE, Italie
Modulation of mitochondrial calcium signalling to combat skeletal muscle atrophy
METZGER Daniel, ILLKIRCH, France
Characterisation of signalling pathways controlled by androgens, glucocorticoids and miRNAs in skeletal muscles and identification of new targets for muscle diseases
MUNOZ-CANOVES Pura, BARCELONE, Espagne
Role and mechanisms of action a new regulator of skeletal muscle growth and wasting: sestrin
RONJAT Michel, GRENOBLE, France
Role of domain A of the skeletal muscle dihydropyridine receptor in excitation contraction coupling
ROSA Frederic, PARIS, France
Muscle maturation, myofibril assembly regulation and RNA binding proteins
SCHAEFFER Laurent, LYON, France
Histone variant epigenetic player H2A.Z and muscle plasticity
SOTIROPOULOS Athanassia, PARIS, France
Role of Serum Response Factor as a mediator of mechanotransduction in skeletal muscle
TAJBAKHSH Shahragim, PARIS, France
Developmental origins and genetic regulation of oesophagus skeletal muscles
VOLK Talila, REHOVOT, Israël
Mechanobiology of myonuclei in health and disease
ZERVAS Christos, ATHENE, Grèce
Function and Regulation of Parvin and Parvin/ILK interaction in Drosophila muscle attachment sites

Commission : Bases Moléculaires et Physiopathologie des Dystrophies Musculaires

Aides aux jeunes chercheurs

DEWULF Melissa, PARIS, France
Functional analysis of Cav3 mutations in muscular dystrophy diseases
KEMALADEWI Dwi, TORONTO, Canada
Elucidating the role of polyamine in laminin-deficient congenital muscular dystrophy

Financements de projets Tremplins

COLUSSI Claudia, ROME, Italie
Linking chromatin structure to dystrophic cardiomyopathy: role of Nucleoporin 153
JAGLA Krzysztof, CLERMONT-FERRAND, France
New Drosophila model of Myotonic Dystrophy type 1: Phenotypic and transcriptomic characterization of functional and structural cardiac defects
STRAPPAZZON Flavie, ROME, Italie
Recovery of dystrophic phenotype by modulation of Ambra1, a novel primer of mitophagy
VALLEJO Ainara, SAN SEBASTIAN, Espagne
Targeting calcium handling proteins in LGMD2A muscular dystrophy

Financements de projets

AUBOEUF Didier, LYON, France
Regulation and function of alternative splicing during muscle differentiation: an integrated view
BASSEREAU Patricia, PARIS, France
Molecular mechanisms of caveolin sorting in membranes. Role in muscular dystrophies
BERGHELLA Libera, ROME, Italie
Molecular mechanisms for neuromuscular junction (NMJ) disruption and reduced mitochondrial function in Duchenne Muscular Dystrophy

BODEGA Béatrice, MILAN, Italie
Epigenetic role for DNA repeats and ncRNAs in FSHD manifestation
BROWN Susan, CAMDEN TOWN, Royaume Uni
Investigations into why long term over-expression of LARGE is deleterious in dystrophic muscle
CANCELA José-Manuel, ORSAY, France
Characterization of a new model of mdx mice deficient in the enzyme CD38: towards the protective role on the Ca2+ homeostasis deregulation
CHARLET-BERGUERAND Nicolas, ILLKIRCH, France
Novel animal models of Myotonic Dystrophies
COGNARD Christian, POITIERS, France
Local stretch-activated events in mdx dilated cardiomyopathy
DONATO Rosario, PEROUSE, Italie
Molecular modulators of muscle remodeling in Duchenne Muscular Dystrophy: Role of RAGE
DURBEEJ Madeleine, LUND, Suède
Characterization of metabolic alterations in MDC1A and evaluation of potential therapies to improve muscle structure and function
ESTEVEZ Raul, BARCELONE, Espagne
Development and characterization of a zebrafish model of myotonia congenital
FLANIGAN Kevin, COLUMBUS – OHIO, Etats-Unis
Alternate translational initiation and amelioration of phenotype in the DMD gene
FRIGUET Bertrand, PARIS, France
Protein Damage and Repair in Muscular Dystrophies
GAILLY Philippe, BRUXELLES, Belgique
Role of TRPV2 and TRPV4 ion channels in normal and dystrophic muscle
GOMES-PEREIRA Mario, PARIS, France
Synaptic and cytoskeleton dysfunction in DM1 transgenic mice
JASMIN Bernard, OTTAWA, Canada
Translational Regulation of Utrophin A as a Novel Therapeutic Strategy for DMD
LE RUMEUR Elisabeth, RENNES, France
Structure and interactions of dystrophin and their modifications in Becker muscular dystrophy
MARI Bernard, VALBONNE, France
Regulation of human muscle progenitors fibrotic potential by micrornas
MARTELLI Fabio, SAN DONATO MILANESE, Italie
microRNA function and use as biomarkers in Myotonic Dystrophy type 1
MENEVERI Raffaella, MONZA, Italie
Post-genomic approaches to decipher the pathogenesis of Facioscapulohumeral dystrophy (FSHD)
MERONI Germana, TRIESTE, Italie
Structure and function of TRIM32, the ubiquitin ligase mutated in Limb Girdle Muscular Dystrophy 2H
MILLER Jeffrey Boone, BOSTON, Etats-Unis
Pathogenesis of congenital muscular dystrophy Type 1A (laminin-alpha-2-deficiency)
MORALES Fernando, SAN JOSÉ, Costa Rica
Myotonic dystrophy type 1: analyzing how somatic heterogeneity contributes to the age of onset and progression of the disease
MOREL Véronique, LYON, France
Drosophila nesprin-1 a model of Emery Dreifuss muscular dystrophy. Contribution to muscle function
PLAISIER Emmanuelle, PARIS, France
Pathogenic role of basement membrane defects and endoplasmic reticulum stress in the myopathy related to COL4A1 HANAC mutations
RUBINSTEIN Eric, VILLEJUIF, France
Control of muscle cells fusion by tetraspanins: mechanisms and potential implications for myotonic dystrophies
RUEGG Markus, BÂLE, Suisse
Repair of merosin-deficient congenital muscular dystrophy (MDC1A) with synthetic linker proteins
SEUTIN Vincent, LIÈGE, Belgique
Excessive daytime sleepiness in Myotonic Dystrophy type 1 patients: an unsolved clinical target requiring a translational research approach
SORRENTINO Vincenzo, SIENNE, Italie
Role of obscurin in skeletal muscle function and in muscular dystrophy
TUFFERY-GIRAUD Sylvie, MONTPELLIER, France
Defining the trans-acting factors that regulate normal DMD pre-messenger RNA splicing: a combination of RNA interference and targeted RNA-seq approaches

TUPLER Rossella Ginevra, MODENE, Italie
Whole exome sequencing to dissect genetic complexity in Fasciocapulohumeral dystrophy
ZAMMIT Peter, LONDRES, Royaume Uni
Role of RET in muscle stem cell function and FSHD pathology
ZINN-JUSTIN Sophie, GIF-SUR-YVETTE, France
Structural analysis of protein complexes mutated in Emery-Dreifuss Muscular Dystrophy

Commission : Bases moléculaires et physiopathologie des autres maladies neuromusculaires

Aides aux jeunes chercheurs

METODIEV Metodi, PARIS, France
Identification of novel genes of mitochondrial translation deficiencies in human

Financements de projets Tremplins

GOMES José-Eduardo, BORDEAUX, France
Investigating the neuro-muscular effects of Adenylosuccinate Lyase (ADSL) deficiency using C. elegans as model organism
KASTANIOTIS Alexander, OULU, Finlande
A cryptic cache of mitochondrial disease genes

Financements de projets

AGBULUT Onnik, PARIS, France
Exploring cardiac pathogenesis associated to desmin mutations: a novel approach based on AAV-mediated expression
ALLARD Bruno, VILLEURBANNE, France
Physiopathology of voltage-activated Ca2+ influx in normal and diseased skeletal muscle
AUTHIER François Jérôme, CRETEIL, France
Myofiber expression of HLA-DR in dysimmune myopathies
BATONNET-PICHON Sabrina, PARIS, France
Desminopathies: mutations in desmin, what impact on cell-cell or cell-matrix adhesion ?
BENDAHHOU Said, NICE, France
Pathomechanisms in Andersen's syndrome: insights into excitable and non excitable tissues
BOYER Olivier, ROUEN, France
Necrotizing myopathies: pathogenic role of autoantibodies and development of new immuno-assays
CARRA Serena, MODENE, Italie
Identification of HSPB3 mutations in myopathic patients: understanding the mechanisms of disease
DEVAUX Jérôme, MARSEILLE, France
Identification of Novel Biomarkers and Treatments for Inflammatory Demyelinating Neuropathies
DUFOUR Eric, TAMPERE, Finlande
Altering complex I response to OXPHOS dysfunctions; a new tool to combat mitochondrial diseases
FERNANDEZ-VIZARRA Erika, CAMBRIDGE, Royaume-Uni
Patho-physiology of mitochondrial respiratory chain complex III assembly
GOILLOT Evelyne, LYON, France
Regulation of protein aggregation through NBR1 and p62 phosphorylation: implication for protein aggregate myopathies
ILLA Isabel, BARCELONE, Espagne
Danger signals promoting innate immunity in dermatomyositis
JACQUEMOND Vincent, VILLEURBANNE, France
Phosphoinositides and Ca2+ signaling in normal and diseased skeletal muscle
LOMBES Anne, PARIS, France
Pathophysiology of human mitochondrial disorders: searching for common treatable mechanisms
MARTY Isabelle, LA TRONCHE, France
The calcium release complex: targeting and maintenance in normal and pathological situation
MITRANI-ROSENBAUM Stella, JERUSALEM, Israël
Characterization of the microRNA profile of GNE Myopathy

OTTENHEIJM Coen, AMSTERDAM, Pays-Bas
Why Are Muscles Weak In Nemaline Myopathy And How Can We Treat It?
PENDE Mario, PARIS, France
Autophagic vacuolar myopathies and the functional role of class III PI3K
RAVENSCROFT Gianina, NEDLANDS, Australie
Neuromuscular disease presenting in utero - gene discovery and pathobiology
ROSSIGNOL Rodrigue, BORDEAUX, France
Adaptative pathways of energy transduction in Mitochondrial diseases: implication for therapy
VERMOT Julien, ILLKIRCH, France
Generation of desminopathy models through loss and gain of function approaches in zebrafish
WALLGREN-PETTERSSON Carina, HELSINKI, Finlande
Nemaline myopathy and related disorders: diagnostic methods, disease-gene identification, pathogenesis and genotype-phenotype correlations
WALLGREN-PETTERSSON Carina, HELSINKI, Finlande
Nemaline myopathy and related disorders: molecular genetics, pathogenesis and development of RNA-based therapy

Commission : Système nerveux : Motoneurone et jonction neuro-musculaire

Aides aux jeunes chercheurs

CIURA Sorana, PARIS, France
Physiological analysis of C9orf72 depletion, a major genetic cause in ALS using zebrafish models
COQUE Emmanuelle, MONTPELLIER, France
The contribution of effector immunity in the pathophysiology of ALS
JOASSARD Olivier, OTTAWA, Canada
HuR and AU-rich elements regulate the induction of AChR mRNAs after skeletal muscle denervation
STREPPA Laura, LYON, France
Biomechanical study of neuromuscular junction and its impact on myopathies
TORRES-BENITO Laura, COLOGNE, Allemagne
Deregulated Calcium Signalling and Homeostasis in Spinal Muscular Atrophy

Financements de projets

BESSEREAU Jean-Louis, VILLEURBANNE, France
Control of acetylcholine receptor expression by novel mechanisms identified at the C. elegans neuromuscular junction
BOMONT Pascale, MONTPELLIER, France
Development of in vivo model for Giant Axonal Neuropathy
BRITES Pedro, PORTO, Portugal
Establishing the role and function of plasmalogens in neurons and neuron-muscle synapses
BURGO Andrea, EVRY, France
Understanding the molecular bases of the axonopathy in hereditary spastic paraplegias
CHARLET-BERGUERAND Nicolas, ILLKIRCH, France
Role of C9ORF72 in amyotrophic lateral sclerosis & frontotemporal dementia
CHRISTADOSS Premkumar, GALVESTON, Etats-Unis
MuSK specific IgG4 B cells as biomarker for MuSK myasthenia gravis
DUPUIS Luc, STRASBOURG, France
Motor neuron loss triggered by defective nuclear import of RNA-binding proteins: mechanistic studies using FUS as a prototypical example
GALINDO Máximo Ibo, VALENCE, Espagne
Metabolic and functional characterization of clinically relevant Charcot-Marie-Tooth genotypes in a Drosophila model
GALLI Thierry, PARIS, France
Neuronal secretory mutants - characterization of neuromuscular junctions
JORDANOVA Albena, ANVERS, Belgique
Identification of disease mechanisms and therapeutic targets of CMT neuropathies in drosophila
KABASHI Edor, PARIS, France
Development of zebrafish models for C9orf72, the major genetic cause in Amyotrophic Lateral Sclerosis and related neurological diseases

KREJCI Eric, PARIS, France
A novel natural mutation in mouse ColQ: muscle and non-muscle alteration
LAMOTTE D'INCAMPS Boris, PARIS, France
Corelease of acetylcholine and glutamate by motoneurons
LEGAY Claire, PARIS, France
The Wnt binding domain in MuSK: role in neuromuscular junction formation and maintenance
LEGAY Claire, PARIS, France
Post-transcriptional control of Acetylcholine receptor mRNA; implications for neuromuscular diseases
LEGENDRE Pascal, PARIS, France
Microglia instruct fate of embryonic neurons at the onset of developmental cell death in the embryonic spinal cord in vivo
MANUEL Marin, PARIS, France
Is hyperexcitability protective or harmful in ALS?
MILLER Ariel, HAIFA, Israël
DNA methylation and gene expression profiling of monozygotic twins concordant and discordant for Myasthenia Gravis
NICOLE Sophie, PARIS, France
The sodium channel Nav 1,4 at the neuromuscular junction: role in congenital myasthenic syndromes
NOBREGA Clevio, COIMBRA, Portugal
Ataxin-2 as a new molecular target in Machado-Joseph disease: from translation regulation to disease alleviation
POLETTI Angelo, MILAN, Italie
Selective autophagic response to proteotoxicity in motorneurons and muscle of motor neuron diseases
RODGERS David, LEXINGTON, Etats Unis
Cavities in Choline Acetyltransferase and Neuromuscular Disorders
SAOUDI Abdelhadi, TOULOUSE, France
Investigation of Vav1 signalosome and analysis of its implication in myasthenia gravis
SCAMPS Frédérique, MONTPELLIER, France
Calcium actived chloride channels and motoneuron pathophysiology
SCHAEFFER Laurent, LYON, France
Physiopathology of a new congenital myasthenic syndrome caused by a deficit of agrin secretion by motoneurons
SORARU Gianni, PADOUE, Italie
Skeletal muscle: target tissue to cure Spinal and Bulbar Muscular Atrophy (SBMA)
TALBOT Kevin, OXFORD, Royaume-Uni
Novel Disease Mechanisms in Hereditary Neuropathy

Commission : Cellules souches

Aides aux jeunes chercheurs

FRANCOIS Stéphanie, MONZA, Italie
Unravelling differences between Satellite Cells and Mesoangioblasts: modulation of the Rho/ROCK pathway in the activation of Satellite Cells migration
MAYEUF-LOUCHART Alicia, LILLE, France
Role of Rev-erb in myogenic versus adipogenic cell fate decisions and homeostasis
MITUTSOVA Violeta, MONTPELLIER, France
Skeletal muscle stem cell cardiogenic and neurogenic differentiation: an in vitro and in vivo analysis
STUELSATZ Pascal, SEATTLE, Etats Unis
EOM satellite cells: high performance myo-engines for muscular dystrophy therapy
WAHANE Shalaka, MONTPELLIER, France
Phenotypic and stem cell properties of VEGFR3+ and Msx1+ cells in the normal and pathological spinal cord

Financements de projets Tremplins

HSIAO Edward, SAN FRANCISCO, Etats Unis
Human iPS cell derived muscle stem cells in musculoskeletal disease

QUATTROCELLI Mattia, LOUVAIN, Belgique
Assessment of biodistribution and regenerative potential of human bipotent progenitor cells in a murine model of muscular dystrophy
SACCONE Valentina, ROME, Italie
Soluble mediators of the functional interactions between fibro-adipogenic progenitors and satellite cells in the pathogenesis and treatment of Duchenne Muscular Dystrophy

Financements de projets

AIT-SI-ALI Slimane, PARIS, France
Epigenetic regulation of muscle stem cells: cooperation between Polycomb group/H3K27 methylation and H3K9 methylation pathways
AUDA-BOUCHER Gwenola, NANTES, France
Identification and characterization of the myogenic enhancing factors from foetal preadypocyte secretome
COMI Giacomo Pietro, MILAN, Italie
Optimized transplantation of hiPSC derived LEX+CXCR4+VLA4+ neural stem cells as a therapy for SMARD1
DEMENEIX Barbara, PARIS, France
Timing of thyroid hormone action during adult neurogenesis
HUGNOT Jean-Philippe, MONTPELLIER, France
Molecular and cellular characterization of the spinal cord stem cell niche activation by physical exercice and damage
IMBRIANO Carol, MODENE, Italie
NF-YA as a molecular switch with therapeutic potential in muscle regeneration
JARRIAULT Sophie, ILLKIRCH, France
Understanding direct reprogramming as a gateway to safely manipulate cell identity and efficiently re-direct differentiation for cellular therapy purposes
KELLY Robert, MARSEILLE, France
Investigation of the emergence of craniofacial muscle progenitor cells in pharyngeal mesoderm
KOISTINAHO Jari, KUOPIO, Finlande
Human Model of Neuromuscular Junctions in the Research of Amyotrophic Lateral Sclerosis
MAIRE Pascal, PARIS, France
Myogenic fate of satellite cells
MOREAU-GAUDRY François, BORDEAUX, France
Safety management of induced pluripotent stem cells (iPSCs) in regenerative medicine
MOUNIER Rémi, VILLEURBANNE, France
AMPKa1 as a regulator of adult muscle stem cell fate choice
RICCHETTI Miria, PARIS, France
Repair of DNA breaks in mouse skeletal muscle stem cells: implications in muscle regereration in the adult
SERRANO Antonio, BARCELONE, Espagne
Satellite cell regulation by IL-6 in muscle regeneration
TABTI Nacira, PARIS, France
Insights into the physiology of human iPS-derived skeletal myocytes and model development for the study of hereditary Na+ channelopathies

Commission : Thérapie Génique et/ou Cellulaire des Maladies Rares

Aides aux jeunes chercheurs

CHAPPERT Pascal, PARIS, France
Cross-tolerance approaches for AAV-mediated muscle gene transfer
KHABOU Hanen, PARIS, France
Retinitis Pigmentosa: gene therapies to prevent and restore vision loss
SANCHEZ-DUFFHUES Gonzalo, LEYDE, Pays-Bas
Putting the brakes on fop: development of novel strategies to block heterotopic ossification

TORRES TORRONTERAS Javier, BARCELONE, Espagne
Long-term biosafety and efficiency pre-clinical studies of an adeno-associated liver targeted vector as a gene therapy strategy for mitochondrial neurogastrointestinal encephalomyopathy
VACCA Ophelie, ORSAY, France
AAV-Mediated Dystrophin-Dp71 Gene Therapy In The Central Nervous System

Financements de projets Tremplins

ATHANASOPOULOS Takis, WOLVERHAMPTON, Royaume Uni
Development of dual/triple RNA and protein transpliced AAV vectors to restore quasi/full length co-dystrophin variants to muscle
SALVETTI Anna, LYON, France
Deciphering AAV vector genome uncoating from in vitro physical properties measured at the single particle level

Financements de projets

BARDONI Barbara, VALBONNE, France
Destabilizing FMR1 mRNA as a therapeutic strategy to treat FXTAS
BELAYEW Alexandra, MONS, Belgique
Evaluation of DUX4 silencing tools in mice
DEGLON Nicole, LAUSANNE, Suisse
In vitro and in vivo gene editing using viral delivered CRISPR system for Huntington's disease
GONCALVES Manuel A., LEYDE, Pays-Bas
High-capacity adenovectors for homology-directed correction of dystrophin-defective myogenic cells
LOPEZ Bernard, VILLEJUIF, France
Stimulating homologous recombination for gene correction of monogenic diseases
MECHALI Marcel, MONTPELLIER, France
Replication Origins containing Episomes for Gene Therapy
NOWAK Kristen, PERTH, Australie
ACTA1 congenital myopathies: evaluating viral and gene therapy
RECCHIA Alessandra, MODENE, Italie
Development of a new tool for gene therapy approach for autosomal dominant retinitis pigmentosa
TAYLOR Naomi, MONTPELLIER, France
Intrathymic hematopoietic stem cell transplantation for the correction of severe combined immunodeficiency
VANDENDRIESSCHE Thierry, BRUXELLES, Belgique
Gene therapy for hereditary muscle diseases using novel AAV immune stealth nanotechnology

Commission : Thérapie Pharmacologique des maladies neuromusculaires et Recherche Translationnelle

Aides aux jeunes chercheurs

DURAND Sebastien, LYON, France
Characterization of INT6/EIF3E functions during Nonsense Mediated Decay (NMD) and development of new NMD inhibitors
JIA Jieshuang, LILLE, France
Characterization of new NMD inhibitors and/or activators of readthrough to correct premature termination codons in genetic diseases
MADARO Luca, ROME, Italie
Correction of the epigenetic landscape in dystrophic macrophages and satellite cells by HDAC blockade
PROKHOROVA Irina, ILLKIRCH, France
Structural basis for stop-codon read-through therapies on the eukaryotic ribosome
YUSEIN-MYASHKOVA Shazie, ANVERS, Belgique
A chemical genetic screen for candidate drugs rescuing CMT-associated phenotypes in Drosophila

Financements de projets Tremplins

GONDIN Julien, MARSEILLE, France
Combined MRI and 31P-MRS investigations of tyrosine supplementation in two murine models of nemaline myopathy with actin mutation
HATHOUT Yetrib, WASHINGTON, Etats Unis
Novel Tools to Monitor Disease Progression and Response to Therapy in Duchenne Muscular Dystrophy
HOLMBERG Johan, LUND, Suède
Circulating microRNAs: non-invasive biomarkers for congenital muscular dystrophy type 1A
TISO Natascia, PADOUE, Italie
POLYGON: POLG-related diseases: mutation analysis and drug screening in a zebrafish-based system

Financements de projets

BAAS Frank, AMSTERDAM, Pays-Bas
Inhibition of synthesis of terminal Complement Components as therapeutic strategy for peripheral neuropathies
BLOT Stéphane, MAISONS-ALFORT, France
Longitudinal cardiac, repiratory and locomotor follow-up of GRMD with production of dedicated biomarkers
DESAPHY Jean-François, BARI, Italie
Riluzole, lubeluzole and benzothiazolamine derivatives as new potent antimyotonic drugs
DORCHIES Olivier, GENEVE, Suisse
Enhancing estrogenic signalling to fight devastating muscular dystrophies: Mechanisms of action and repurposing estrogenic drugs approved for Human use
GIRARD Christian, PARIS, France
New nonsense-mediated mRNA decay (NMD) inhibitor molecules
LOCHMULLER Hanns, NEWCASTLE-UPON-TYNE, Royaume Uni
Coordination of the global patient registries for neuromuscular disorders
LOSSOS Alexander, JERUSALEM, Israël
Testing small molecules, glycogen autophagy and microtubule transport as treatments of glycogenosis
MARCHAND-PAUVERT Véronique, PARIS, France
Electrophysiological biomarkers of spinal neural activity in amyotrophic lateral sclerosis
PHYLACTOU Leonidas, NICOSIE, Chypre
Developing miRNA serum-based biomarkers for Myotonic Dystrophy type 1
PREVITALI Stefano Carlo, MILAN, Italie
Modulation of Jab1/p27 levels to rescue peripheral neuropathy and muscular dystrophy in Congenital Muscular Dystrophy type 1A
PURI Pier Lorenzo, ROME, Italie
HDAC/miR-regulated SWI/SNF sub-unit exchange & stage-specific response to HDAC inhibitors in dystrophic muscles
ROSSI Daniela Maria, PAVIE, Italie
Assessing the in vivo efficacy of peptide therapeutics towards the progression of spinal muscular atrophy
SANDONÀ Dorianna, PADOUE, Italie
Small molecule-based therapy for sarcoglycanopathies. Assessment of efficacy and tolerability in novel animal models
SPITALI Pietro, LEYDE, Pays-Bas
Identification of blood derived transcriptomic biomarkers for Duchenne muscular dystrophy

Commission : Médicale

Aides aux jeunes chercheurs

VEYTIZOU Julien, GRENOBLE, France
Spinal Muscular Atrophy (SMA) patients' evaluation using the Motor Function Measure (MFM-32) combined with low-cost innovative technology for improve the measurement quality

Financements de projets

ALLENBACH Yves, PARIS, France
Diagnostic Accuracy of Whole body Magnetic Resonance Imagery in Inflammatory Myopathies 2
ANGEARD Nathalie, PARIS, France
Social cognition and executive functions in childhood DM1
COSTEDOAT-CHALUMEAU Nathalie, PARIS, France
Muscular diseases and pregnancy
GAGNON Cynthia, JONQUIERE-QUEBEC, Canada
Selection and validation of clinical outcomes and related outcome measures in myotonic dystrophy type 1
NORDEZ Antoine, NANTES, France
Innovative tools to assess muscle function of healthy and pathological subjects
PEPIN Jean-Louis, LA TRONCHE, France
Sleep breathing disorders, a main Trigger for cardiac ARrythmias in type I myotonic dystrophy?

Appel d'Offres Doctorants

BABSKI Hélène, MONTPELLIER, France
Getting wired up for locomotion: the premotor interneuron/motoneuron connection in Drosophila
BERGUA Cécile, ROUEN, France
Understanding the mechanisms of necrotizing autoimmune myopathies: pathogenic role of auto-antibodies in a mouse model and identification of new auto-antigens in patients
COQUE Emmanuelle, MONTPELLIER, France
The contribution of effector immunity in the pathophysiology of ALS
DAHER Marie Thérèse, PARIS, France
Bcl11b/CTIP2, a newly identified transcriptional repressor: its role in cardiac hypertrophy and commitment of cardiac stem cells
DEWULF Melissa, PARIS, France
Functional analysis of Cav3 mutations in muscular dystrophy diseases
DIOUF Sarah, TOULOUSE, France
Decryption of the roles of CBP methylation in human primary myoblast differentiation: cross-talk between nuclear and mitochondrial genomes
DOS SANTOS Matthieu, PARIS, France
Genetic control of adult muscle fiber type
EL FISSI Najla, MARSEILLE, France
Using drosophila as a model system to investigate how altered mitochondrial fusion triggers mitochondrial damages and neuromuscular disorders
GAZALAH Hussein, MONTPELLIER, France
Enigmatic perineuronal cells in the mouse and human spinal cord: properties, isolation and function
JIMENEZ Gina, LYON, France
Mouse in vivo gene therapy for Primary Ciliary Dyskinesia
KHABOU Hanen, PARIS, France
Retinitis Pigmentosa: gene therapies to prevent and restore vision loss
KUTCHUKIAN Candice, VILLEURBANNE, France
Phosphoinositides and Ca2+ signaling in normal and diseased skeletal muscle
LAINÉ Viviane, VILLEURBANNE, France
Characterization of the potassium channel SLO-2 in the regulation of acetylcholine receptors at the neuromuscular junction
LAVERGNE Guillaume, CLERMONT-FERRAND, France
Studying homing behaviour of Drosophila Adult Muscle Precursor (AMP) cells using genome wide cell specific approaches
MIAS-LUCQUIN Dominique, RENNES, France
Dynamics and mechanics of the myopathy-related protein dystrophin in macromolecular complexes with filamentous partners
MORATAL Claudine, NICE, France
Regulation of intramuscular adipogenic lineage in healthy and dystrophic human muscles
NEY Michel, ILLKIRCH, France
Implication of BIN1 in myotonic dystrophy type 1

PAPAEFTHYMIOU Aikaterini, PARIS, France
The role of the transcription factor Srf in muscle stem cells
PLANTIÉ Emilie, CLERMONT-FERRAND, France
New Drosophila model of Myotonic Dystrophy type 1: Phenotypic and transcriptomic characterization of functional and structural cardiac defects in adult DM1 flies
RAESS Matthieu, STRASBOURG, France
Deciphering the functional and molecular differences between MTM1 and MTMR2 to understand two neuromuscular diseases
RENAUD Edith, TOULOUSE, France
Translational regulation of gene expression during heart ischemia: applications to cardiac gene therapy
ROUANET Sophie, NICE, France
Genetic correction of Xeroderma Pigmentosum skin cell
SAMSON Camille, PARIS, France
Structural analysis of the emerin-lamin complex mutated in Emery-Dreifuss muscular dystrophy
SANGARI Sina, PARIS, France
Electrophysiological biomarkers of spinal neural activity in amyotrophic lateral sclerosis
SCIONTI Isabella, LYON, France
Epigenetics in muscle lipid metabolism
SEBASTIEN Muriel, LA TRONCHE, France
Mechanisms of Triad targeting of Calcium Release Complex proteins
STREPPA Laura, LYON, France
Biomechanical study of neuromuscular junction and its impact on myopathies
SUTCU Haser, PARIS, France
Implication of DNA Damage and Repair in Viability and Differentiation of Muscle Stem Cells
TERRONE Sophie, LYON, France
Interplay between epigenetic marks and alternative splicing during myogenesis
TEYSSOU Elisa, PARIS, France
In vitro and in vivo functional analysis of 2 genes identified in familial amyotrophic lateral sclerosis
WATTIN Marion, LYON, France
Comparative study of proteostasis during muscle degeneration in models for muscular dystrophies

Partenariats institutionnels

NEDELEC Stéphane, PARIS, France
Soutien du projet de recherche du candidat ATIP-Avenir 2015 : Stem cell approaches of human motor neuron diversity in development and diseases
POREAU Brice, GRENOBLE, France
Soutien du poste d'accueil ATIP-Avenir 2014 (année 2) : Huntingtine : rôle physiopathologique dans le muscle

Partenariats associatifs

ARSEP/PLASSART-SCHIESS Emmanuelle, IVRY-SUR-SEINE, France
Special Call for Research Proposals Fondation ARSEP - AFMTELETHON 2014: "Immunointervention in demyelinating diseases of the Central Nervous System"
IFCAH/FINIDORI Joelle, PARIS, France
Pathophysiology and therapeutic challenges of Congenital Adrenal Hyperplasia
IRME/TADIE Marc, PARIS, France
Traumatismes de l'encéphale et de la moelle épinière : Mécanismes et approches thérapeutiques
POHLSCHMIDT Marita, LONDON, Royaume Uni
Collagene VI Alliance
RETINA France/MOSER Eric , COLOMIERS, France
Appel d'offres Retina France 2015
VLM/DE CARLI Paola, PARIS, France
Appel à projets Recherche

Projets soumis en dehors du calendrier AO ou sortis de l'AO pour des raisons de PI

BECANE Henri-Marc, PARIS, France
Study of the effect of preventive treatment with Nebivolol on the development and progression of cardiac dysfunction in children with Duchenne

DJOUADI Fatima, PARIS, France
Testing new compounds for pharmacological therapy of mitochondrial energy metabolism deficiencies

MELKI Judith, LE KREMLIN-BICETRE, France
Genetic and molecular bases of anomalies of development or function of motor neurons

UDD Bjarne, HELSINKI, Finlande
LGMD2D – natural history in R77C mutated patients

ZEITZ Christina, PARIS, France
Développement d'une thérapie génique pour restaurer la fonction de LRIT3 dans la cécité nocturne congénitale stationnaire

ACTIONS STRATEGIQUES

Projets stratégiques

GELPI Odile, PARIS, France
AAV-MPSIIIB Program: Gene therapy for neurodegeneration in Sanfilippo type B syndrome
HOVNANIAN Alain, PARIS, France
Ex vivo and in vivo gene therapy approaches for recessive and dominant dystrophic epidermolysis bullosa
LAPORTE Jocelyn, ILLKIRCH, France
AFM-IGBMC Partnership
LAPORTE Jocelyn, ILLKIRCH, France
Genetic bases, pathomechanisms and preclinical developments in congenital myopathies
MUNTONI Francesco , LONDRES, Royaume Uni
Advances in oligonucleotide-mediated exonskipping for DMD and related disorders - WP3 - Natural history extension
POURQUIE Olivier, ILLKIRCH , France
Anagenesis Biotechnologies (financement du projet de recherche) et Differentiating ES Cells or Induced Pluripotent Cells into Skeletal Muscle as Therapy for Muscular Dystrophies (iPS-2)
PUYMIRAT Jack, QUEBEC, Canada
Evaluation of peptide antisense oligonucleotides as gene therapy for myotonic dystrophy
ROTIG Agnès, PARIS, France
An integrated approach for MITOchondrial disorder THERApeutics from yeasts and worms to humans
SIMONELIG Martine, MONTPELLIER, France
Towards a clinical trial for OPMD
VASSETZKY Yegor, VILLEJUIF, France
Facio-scapulo-humeral dystrophy: from molecular mechanisms to correction of the genetic defect in immortalized myoblasts from FSHD patients

Plateformes stratégiques

BLOT Stéphane, MAISONS-ALFORT, France
Plateforme de recherche et d'expérimentation animale de l'ENVA
PERREAU-SAUSSINE Marianne, PARIS, France
I-MOTION : Création d'un centre de recherche clinique neuromusculaire pédiatrique Parisien

Pôles stratégiques

LEVY Nicolas, MARSEILLE, France
Translational Research in Marseille: towards Therapeutic Development for Rare Diseases
RELAIX Frédéric, CRETEIL, France
TRANSLAMUSCLE: An integrated translational program from basic research to biotherapies in stem cells and molecular medicine of the neuromuscular system

Structures stratégiques

FONDATION MALADIES RARES/LEVY Nicolas, PARIS, France
Subvention 2015
LEVY Nicolas, MARSEILLE, France
GIPTIS - Genetics Institute for Patients, Therapies, Innovation & Science
MOULLIER Philippe, NANTES, France
Atlantic Bio GMP

Outils stratégiques

BASSEZ Guillaume, CRETEIL, France
Base de données cliniques sur les dystrophies myotoniques (RIDM)
SACCONI Sabrina, NICE, France
French National FSHD patient registry for clinical trial planning and translational research

AUTRES ACTIONS

Manifestations scientifiques

BROWN Susan, CAMDEN TOWN, Royaume Uni
20th International Congress of the World Muscle Society
COLLOQUE JEUNES CHERCHEURS, EVRY, France
Colloque Jeunes Chercheurs 2015 12 juin 2015 - JDF Parc Floral
FSH SOCIETY/PEREZ Daniel Paul, BEDFORD – MA, Etats Unis
FSH Society Facioscapulohumeral Muscular Dystrophy [FSHD] 2015 International Research Consortium & Research Planning Meetings
GOURDON Geneviève, PARIS, France
10ème congrès du consortium international sur les dystrophes myotoniques: IDMC10
JAMAR Gaëlle, PARIS, France
Annual conference of the European Society for Gene and Cell Therapy in collaboration with the Finnish society of Gene Therapy
JAMAR Gaëlle, PARIS,France
Ingestem Congress on Pluripotent Stem Cells, Reprogramming and Tissue Engineering
JAMAR Gaëlle, PARIS, France
Journées Thématiques de la SFTCG. Journée Ethique et Réglementaire et Journée Gene Regulation
KARDON Gabrielle, SALT LAKE CITY – UTAH, Etats Unis
Gordon Research Conference on Myogenesis: Molecular and Cellular Networks (June 21-26, 2015)
Gordon Research Seminar on Myogeneis (June 20, 2015)
MEZZINA Mauro, PARAY-VIEILLE POSTE, France
EMBO workshop: Modern DNA concepts/tools for safe gene transfer and modification
MOUNIER Rémi, VILLEURBANNE, France
13èmes Journées de la Société Française de Myologie/Colloque Myogénèse
MUSARO Antonio, ROME, Italie
IIM-Myology Meeting 2015
PARKS Robin, OTTAWA, Canada
The 3rd Ottawa International Conference on Neuromuscular Biology, Disease & Therapy - September 24-26, 2015
PRIP-BUUS Carina, PARIS, France
8th Meeting of the "MeetOchondrie" network
TREVES Susan, BÂLE, Suisse
Gordon Research Conference on Muscle: Excitation/Contraction Coupling - Advancing Research and Leadership in EC Coupling

Plateforme CEDS

CARRE Monique, MEZILLES, France
Financement 2015 CEDS