

Resource Summary Report

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BIOIMAGE-NMD

RRID:SCR_003840

Type: Tool

Proper Citation

BIOIMAGE-NMD (RRID:SCR_003840)

Resource Information

URL: <http://www.treat-nmd.eu/about/related-projects/bioimage-nmd/>

Proper Citation: BIOIMAGE-NMD (RRID:SCR_003840)

Description: Project whose objective is to deliver combined structural and molecular imaging biomarkers with proven utility for the detection of therapeutic effects in patients with rare neuromuscular diseases (NMD). The project has three specific objectives: # To develop a new generation of muscle diffusion Magnetic Resonance Imaging (MRI). This diffusion imaging technology will be used to augment a state of the art simultaneous MRI / Magnetic Resonance Spectroscopic Imaging (MRSI) protocol for quantitative muscle imaging. # To provide a proof of principle in Duchenne Muscular Dystrophy (DMD) that simultaneous MRI/MRSI can be used as a biomarker to monitor therapeutic efficacy in clinical trials in neuromuscular diseases. # To develop a novel simultaneous Positron Emission Tomography (PET)/MRI technology to advance innovative drug development programs for personalized medicines based on Antisense Oligonucleotide technology

Abbreviations: BIOIMAGE-NMD

Synonyms: Developing imaging technologies for therapeutic interventions in rare diseases (BIOIMAGE-NMD), Developing imaging technologies for therapeutic interventions in rare diseases

Resource Type: data or information resource, portal, consortium, organization portal

Keywords: biomarker, drug, imaging, therapy, pet, mri, muscle, diffusion, diffusion mri, magnetic resonance spectroscopic imaging, muscle imaging, therapeutic efficacy, drug development, antisense, oligonucleotide

Funding: European Union FP8

Resource Name: BIOIMAGE-NMD

Resource ID: SCR_003840

Alternate IDs: nlx_158153

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260806T054356+0000

Ratings and Alerts

No rating or validation information has been found for BIOIMAGE-NMD.

No alerts have been found for BIOIMAGE-NMD.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.