# 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/

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**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, organization portal, consortium

**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:** 20250422T055135+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.