



14 Open Doctoral Positions – ENTRY-DM

European Union Funded MSCA Doctoral Network

Advancing Therapeutic Development for Myotonic Dystrophy

Rare diseases, like Myotonic Dystrophy (DM), affect tens of thousands in Europe and present significant challenges in diagnosis, treatment, and clinical trials. ENTRY-DM offers 14 doctoral full-time positions across Europe to advance antisense oligonucleotide (ASO) therapies for DM by innovative and collaborative research.

About the ENTRY-DM Network

ENTRY-DM combines international experts in DM research, bioengineering, ASO chemistry, and clinical trials. Through collaborations with multi-sectoral partners, we are tackling technology transfer challenges and preparing doctoral candidates (DC) to make significant contributions in ASO therapeutic development.

Why Join?

- **Interdisciplinary training** in disease mechanisms, ASO design, drug delivery, and clinical trials
- **Hands-on experience** with bioengineering, clinical assessments, and neuropsychological evaluations
- Collaborate with industry leaders and top international researchers, through **international mobility**
- Access to **state-of-the-art labs, cutting-edge research** and **top-level training events** by world experts
- Prepare for a **successful career** in clinical trials and therapeutic development in academia and industry

Candidates **from all nationalities** with a strong fundamental or clinical background in **biomedical sciences, bioengineering**, or related fields are encouraged to apply. **Application deadline May 30, 2025.**

Please ensure that you comply with EU eligibility and mobility conditions before applying.

Ready to make an impact in rare disease research? **Apply now at the links below!**

DC1 Innovative genomic technologies for the advanced characterization of myotonic dystrophy mutations (Genartis • Verona, Italy)

<https://euraxess.ec.europa.eu/jobs/324011>

DC2 The complexity of DM repeat expansions: new challenges in developing personalised molecular therapeutics (UTOV • Rome, Italy)

<https://euraxess.ec.europa.eu/jobs/324039>

DC3 A new integrated in vitro platform to study DM muscle disease (IBEC • Barcelona, Spain)

<https://euraxess.ec.europa.eu/jobs/324043>

DC4 Advanced human 3D neuromuscular and cortical models for mechanistic and therapeutic research (CECS • Paris, France)

<https://euraxess.ec.europa.eu/jobs/324049>

DC5 Structure and dynamics of nuclear RNA foci in myotonic dystrophy type 1 and 2 (RUMC • Nijmegen, The Netherlands)

<https://euraxess.ec.europa.eu/jobs/324052>

DC6 The contribution of miRNome alterations to DM1: beyond the Muscleblind sequestration model (UVEG • Valencia, Spain)

<https://euraxess.ec.europa.eu/jobs/324056>

DC7 Rescuing disrupted single-cell and neural network activities in human DM neural models using ASO (RUMC • Nijmegen, The Netherlands)

<https://euraxess.ec.europa.eu/jobs/324077>

DC8 Therapeutical potential of ASO inducing skipping of CUGexp-containing exon in myotonic dystrophy (AMU • Poznan, Poland)

<https://euraxess.ec.europa.eu/jobs/324410>

DC9 Enhancing the activity of therapeutic ASO by genetic modulation and sequence motif adjuvants (UVEG • Valencia, Spain)

<https://euraxess.ec.europa.eu/jobs/324418>

DC10 Novel ASO molecules for the therapy of DM1 (CSIC • Barcelona, Spain)

<https://euraxess.ec.europa.eu/jobs/324425>

DC11 Development of circulating muscle-specific biomarkers of myotonic dystrophy (Inserm • Paris, France)

<https://euraxess.ec.europa.eu/jobs/324426>

DC12 Circulating biomarkers of brain dysfunction in myotonic dystrophy type 1 (Inserm • Paris, France)

<https://euraxess.ec.europa.eu/jobs/324434>

DC13 Myotonic Dystrophy Type 2 (DM2): Biomarker discovery and correlation to clinical outcomes (LMU • Munich, Germany)

<https://euraxess.ec.europa.eu/jobs/324437>

DC14 Participation in clinical trials: the contribution of decision-making cognition in patients with DM1 (UPC • Paris, France)

<https://euraxess.ec.europa.eu/jobs/324450>

Eligibility criteria
Application procedure

