

MS DATA ALLIANCE

Introduction

Liesbet M. Peeters



Collaborative research: a paradigm shift

nature
genetics

Letter | Published: 29 September 2013

Analysis of immune-related loci identifies
48 new susceptibility variants for multiple
sclerosis

International MS Genetic Consortium (IMSG)

doi:10.1093/brain/awv105

BRAIN 2015: 138; 1863–1874 | 1863

BRAIN
A JOURNAL OF NEUROLOGY

Defining high, medium and low impact
prognostic factors for developing multiple
sclerosis

CEMCAT CIS COHORT

DOI: 10.1093/brain/awg081

Brain (2003), 126, 770–782

Early clinical predictors and progression of
irreversible disability in multiple sclerosis:
an amnesic process

Christian Confavreux,¹ Sandra Vukusic¹ and Patrice Adeleine²

EDMUS/OFSEP

doi:10.1093/brain/awx185

BRAIN 2017: 140; 2426–2443 | 2426

BRAIN
A JOURNAL OF NEUROLOGY

MSBase Neuro-Immunology Registry

Towards personalized therapy for multiple
sclerosis: prediction of individual treatment

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peer-reviewed neurology journal

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NARCOMS

April 18, 2017; 88 (16) ARTICLE

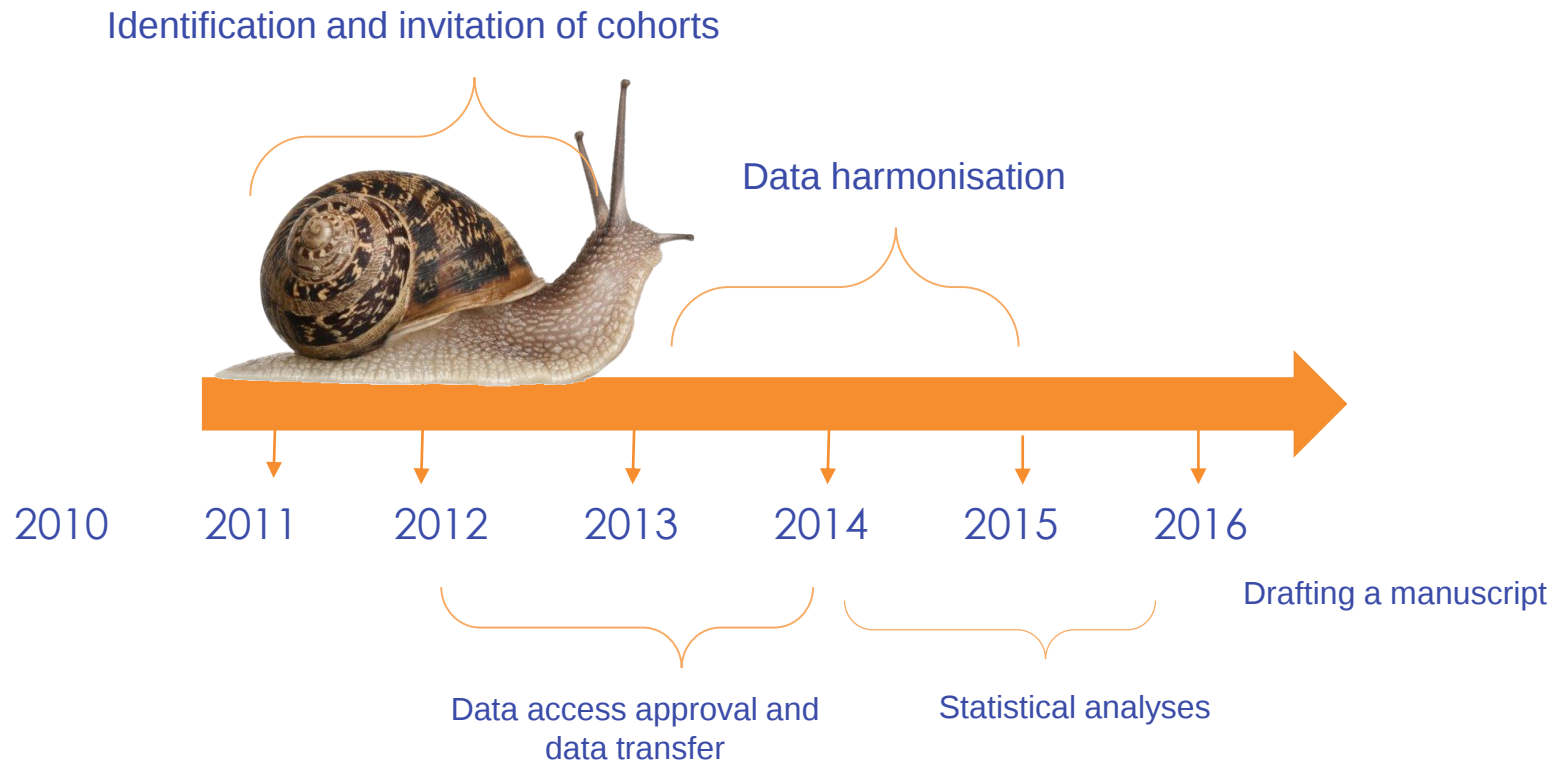
High hypothetical interest in physician-assisted death in multiple sclerosis

Ruth Ann Marrie, Amber Salter, Tuula Tyry, Gary R. Cutter, Stacey Cofield, Robert J. Fox

First published March 15, 2017, DOI: <https://doi.org/10.1212/WNL.0000000000003831>



But scaling-up real-world health data is challenging and time-consuming
For example



In stead of
years, it should
just be a few
hours/days



The Multiple Sclerosis Data Alliance (MSDA) is a global multi-stakeholder collaboration working to accelerate insights for innovative care and treatment for people with MS

MSDA ACADEMY

Raise Awareness about the importance of research using real world MS data

Build a multi-stakeholder MS data community

Promote trustworthy and transparent practices in the use of real world MS data

MSDA TOOLBOX

Cataloguing and publishing descriptions of data sources

Develop a standardised MS data dictionary and support local harmonisation efforts

Develop a federated data network to allow group level queries on harmonized datasets



Core partners



Academy
Strategic Focus Area 1



European
Charcot
Foundation

Academy
Strategic Focus Area 2



Academy
Strategic Focus Area 3



Toolbox
Strategic Focus Area 1
Overall Coordination



Toolbox
Strategic Focus Area 2



Toolbox
Strategic Focus Area 3

Pioneer registries





Sponsors



MS DATA ALLIANCE

Because data can
transform the care of people
with Multiple Sclerosis

