



**Marie Skłodowska-Curie Actions
Innovative Training Networks (ITN)
European Joint doctorate (EJD)
H2020-2015**



METHODS IN RESEARCH ON RESEARCH MIROR

Network meeting



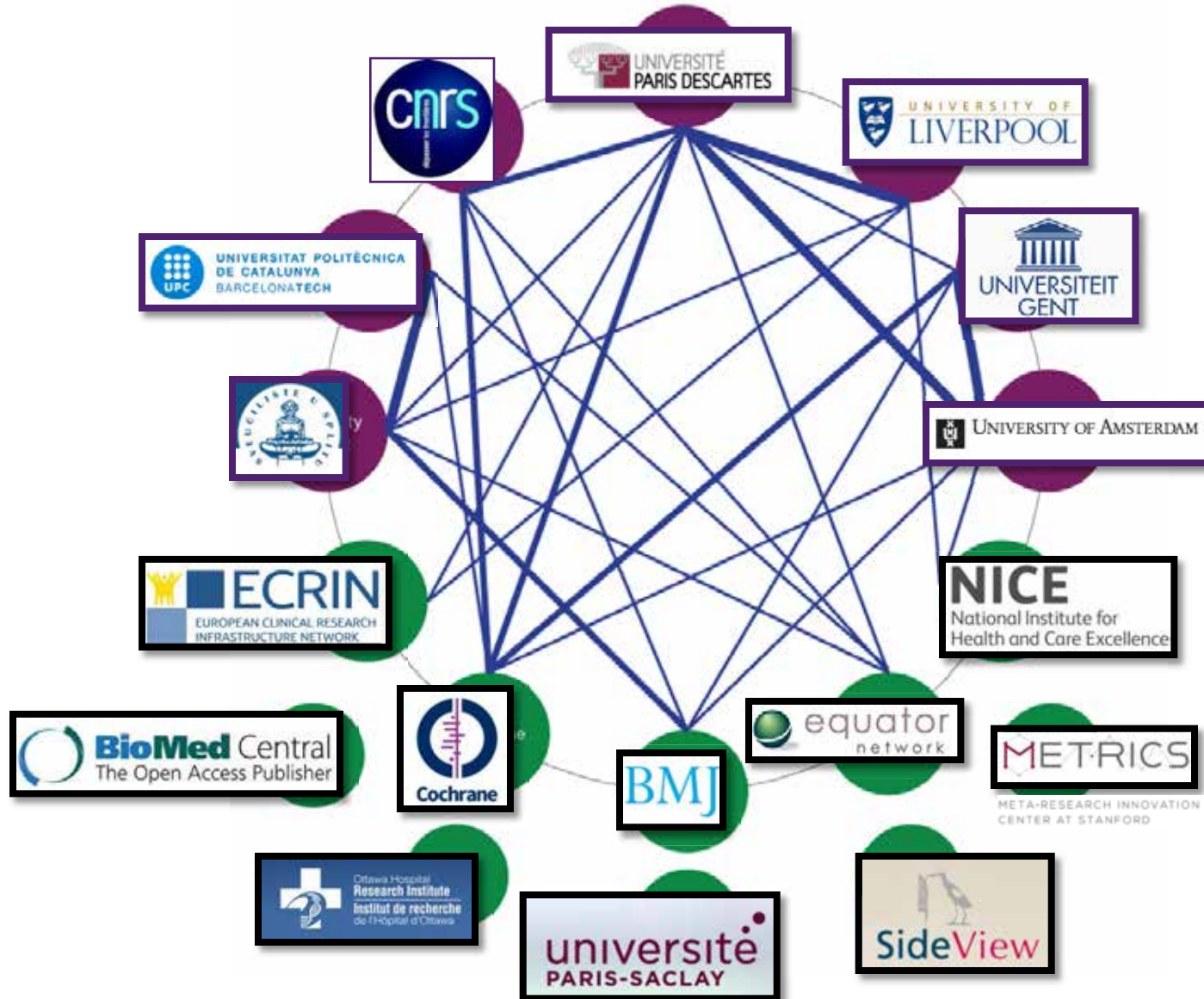
Objectives

- Joint doctoral training programme, dedicated to **Methods in Research on Research (MiRoR)** in the field of clinical research
 - Start date March 1st 2016
 - End date February 2020
- Train **15 PhD students** in a joint doctoral programme
- Joint admission, selection, supervision, monitoring, and assessment procedures by the consortium
- Double doctorate / joint doctorate

Consortium

7 Beneficiaries

10 academic and non academic partners



Non academic Partners



Daniel Shanahan



Publisher of 290 open access peer-reviewed journals in Biology, Clinical Medicine and Health journals. All original research articles we publish are made freely accessible online immediately upon publication. Authors retain the copyright to their work.



Wim Weber



BMJ top general medical journal that started out over 170 years ago. High impact and major role in research on research. Very much involved in improving research value.

Non academic Partners



Christine Kubiak
Jacques Demotes



The European Clinical Research Infrastructure Network (ECRIN) is a not-for-profit intergovernmental organisation that supports the conduct of multinational clinical trials in Europe. As of 2013, ECRIN has the legal status of a European Research Infrastructure Consortium (ERIC).



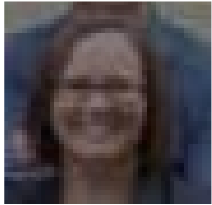
David Tovey
Toby Lasserson



to promote evidence-informed health decision-making by producing high-quality, relevant, accessible systematic reviews and other synthesized research evidence
37,000 contributors from more than 130 countries



Non academic Partners



Nichole Taske



The National Institute for Health and Care Excellence (NICE) provides national guidance and advice to improve health and social care.



Liz Wager



Sideview specialises in medical and academic publications. We offer [training](#), [consultancy](#) and [editing](#) services.

Academic Partners



Doug Altman



The EQUATOR (Enhancing the QUALity and Transparency Of health Research) Network is an international initiative that seeks to improve the reliability and value of published health research literature by promoting transparent and accurate reporting and wider use of robust reporting guidelines.



David Moher

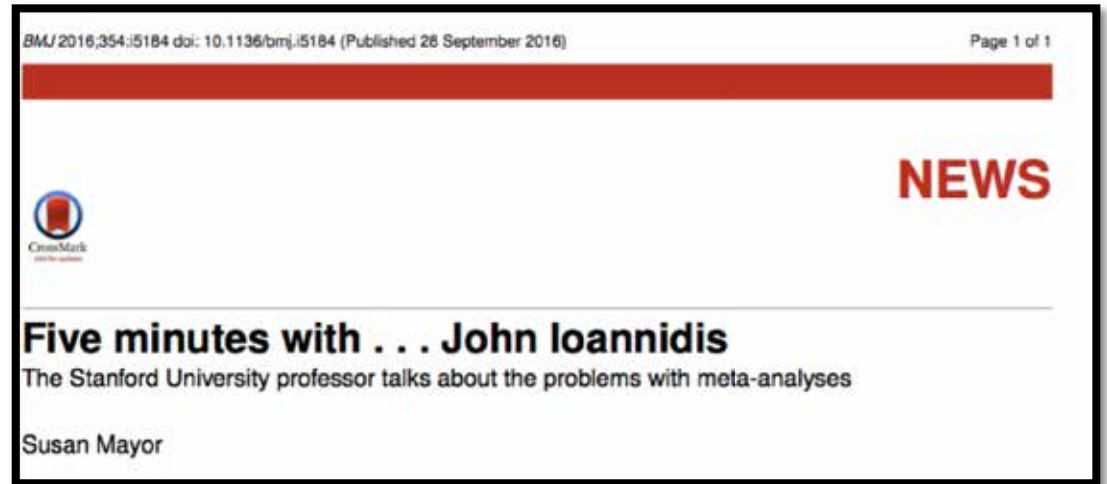


Centre for Journalology, Ottawa Hospital
Research Institute, Ottawa,

Academic partner



John Ioannidis



**Governance
MiRoR
Consortium bodies**

EU MIROR project officer
Audrey Arfi

Project Manager
(Laura De Nale)

Coordinator

**To do on Friday
8:30-10:15**

SUPERVISORY BOARD

- 1 representative from each Beneficiary
- 1 representative of each Partner Organisation
- The coordinator
- 2 representatives of the ESRs.**

Junior Researchers Board
15 ESRs

WP Leaders
8 WPs

General Assembly

- 1 representative from each Beneficiary
- 1 representative of each Partner Organisation
- The coordinator
- Supervisors, co-supervisors, mentors
- 15 ESRs.

Work Packages

N	WP Title	Lead	Co-lead
1	Training	Liverpool (UL)	Sideview
2	Management	Paris Descartes (UPD)	--
3	Communication and dissemination	Amsterdam (AMC)	BMC
4	Research on Research planning	Paris Descartes (UPD)	ECRIN
5	Research on Research conduct	Ghent (UG)	Cochrane
6	Research on Research reporting	Split (US)	Equator
7	Research on peer-review	Barcelona (UPC)	BMJ
8	Ethics	Paris Descartes (UPD)	--

Supervisors / Mentors (non academic partners)

	Fellow (Supervisor/cosupervisor)	Mentor / Coach
ESR1	Linda Nyanchoka (Raphaël/Catrin)	ECRIN
ESR4	Efstathia Gkioni (Carrol/Roser)	ECRIN
ESR5	Van Nguyen Thu (Isabelle / Bridget)	ECRIN
ESR2	Maria Olsen (Patrick B/ Els)	NICE
ESR3	Alice Biggane (Paula/Philippe)	NICE
ESR7	Lorenzo Bertizzolo (Agnès/Patrick B)	Cochrane
ESR8	Vo Tat Thang (Stijn/ Raphaël)	Cochrane
ESR12	Christopher Norman (Aurélie/Mariska)	Cochrane
ESR9	Melissa Sharp (Darko/Lupe)	Liz
ESR11	Anna Koroleva (Patrick P / Patrick B)	Liz
ESR6	Camila Olarte Parra (Els/ Aeilko)	BMJ
ESR10	Mona Ghannad (Patrick B/ Isabelle)	BMJ
ESR13	Ketevan Glonti (Darko/Erik)	BMJ
ESR14	David Blanco (Erik/Jamie)	BMJ
ESR15	Christiane Hagel (José/Darko)	BMC

Supervisors/mentors-coach/ESR

- Agree on a
 - Research plan with clear objectives and deadlines
 - Individual training programme
 - Protocol
 - DMP (to be submitted as a deliverable)
 - Communication plan
 - Ethics (deliverable)
- Personal career development plan (deliverable nov 2016)
- Sign a MiRoR thesis charter
- Monitoring of the project progress
 - Videoconf / 3 months
 - Competence portfolio

Career development plan

Deliverable Nov 2016

Career Development Plan-Year 1
(Draft)

Name of fellow:

Department:

Name of Supervisor:

Date:

BRIEF OVERVIEW OF RESEARCH PROJECT AND MAJOR ACCOMPLISHMENTS EXPECTED (half page should be sufficient):

LONG-TERM CAREER OBJECTIVES (over 5 years):

1. Goals:
2. What further research activity or other training is needed to attain these goals?

SHORT-TERM OBJECTIVES (1-2 years):

1. Research results
 - o Anticipated publications:

 - o Anticipated conference, workshop attendance, courses, and /or seminar presentations:
2. Research Skills and techniques:
 - o Training in specific new areas, or technical expertise etc:
3. Research management:
 - o Fellowship or other funding applications planned (indicate name of award if known; include fellowships with entire funding periods, grants written/applied for/received, professional society presentation awards or travel awards, etc.)
4. Communication skills:
5. Other professional training (course work, teaching activity):
6. Anticipated networking opportunities
7. Other activities (community, etc) with professional relevance:

Date & Signature of fellow: _____ Date & Signature of supervisor _____

Monitoring of fellow project progress

Work Packages

Videoconf / 3 months

WP Title	Lead	Fellows
Research on Research planning	Paris Descartes/ECRIN	Linda, Maria, Alice, Efstathia, Van
Research on Research conduct	Ghent/Cochrane	Camilla, Lorenzo, Tat
Research on Research reporting	Split/Equator	Melissa, Mona, Anna, Christopher
Research on peer-review	Barcelona/BMJ	Ketevan, David, Christiane

Secondments

A “**buddy**” from each team hosting them



Network meetings

1) Kick-off meeting	03/16	Paris
2) Network meeting	10/16	Ghent
3) Network meeting <ul style="list-style-type: none">• Submission progress report	03/17	Video-conf
4) The Mid-Term Review meeting <ul style="list-style-type: none">• Visit of the EU project officer+ external reviewer	9/17	Amsterdam
5) Network meeting	03/18	Video-conf
6) Network meeting	9/18	Split
7) Network meeting	03/19	Barcelona
8) Network meeting.	9/19	Video-conf
9) Final network conference <ul style="list-style-type: none">• Presentation of the results of the programme.• Awarding of training certificates.	03/20	Paris

Mid term review meeting

September 18-19, 2017 – Amsterdam

- Objectives
 - Assessment of the implementation of the programme on all aspects (management, training, etc.)
 - After Submission of the **draft Periodic Report**

Mid term review meeting

Who should attend?

- EU
 - The EU project officer, Audrey ARFI
 - An external expert
- MiRoR
 - The Project Coordinator
 - Representative of beneficiaries
 - Representatives of the Partner Organisations
 - All ESRs
 - Supervisors

Mid term review meeting

- Coordinator's report
 - Presentation of the main achievements (~1h)
- PhD students presentation
 - Slides/ Poster (~10 minutes/student)
- Meeting between PhD students and the Project Officer and the External Expert (1 to 2,5 hours)
- Restricted session
 - Meeting between Project Officer and coordinator/partners/financial managers (~30 minutes)
- Feedback from the REA Project Officer and the External Expert and discussion (~ 30 - 60 minutes)



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MIROR Training Event

Training through action and collaboration

Isabelle Boutron (University Paris Descartes)

Els Goetghebeur (University of Ghent)



Training programme

- **MiRoR Training events**

- 3 days every 6 month following the network meeting
- Face to face / video-conference
- 5 Advanced research workshops in Research on Research
- Transferable skills
 - 3 Communication skill courses
 - 2 Ethics courses
 - 1 Peer review course
 - 1 Grant application course
 - Career management course
 - 1 Entrepreneurship course

- **Other training events**

- Organized by university
- Workshops

Training programme

- **Next events**

- **Webinar: publication ethics Liz Wager**

- **Nov 14, 15**

- **Dec 14, 16**

- **Training in Liverpool (March or May 2017)**

Training through action and collaboration

Goals

- to build **strong relationships** among MiRoR fellows as well as participants in the network to favour the development of future collaborative, multidisciplinary, high-level projects
- to enforce and create **strong links** with academic researchers and non-academic partners to facilitate the emergence of new ideas and the innovation process.

Training through action and collaboration

- **Speed dating**

- Presentation in 5 minutes of your project in short face-to-face meetings with members of the network
- Discussion in 10 minutes



Journal club

- First journal club: **December 2016**

Dates	Students in charge	Student in Charge	Supervisor in charge
Dec 2016	Linda Nyanchoka	Camila Olarte Parra	Ghent
March 2017	Van Nguyen Thu	Christopher Norman	CNRS
June 2017	Alice Biggane	David Blanco	Barcelone
September 2017	Ketevan Glonti	Efstathia Gkioni	Liverpool
December 2017	Maria Olsen	Melissa Sharp	Amsterdam
March 2018	Melissa Sharp	Linda Nyanchoka	Split
June 2018	Van Nguyen Thu	Christiane Hagel	Paris Descartes
October 2018	Maria Olsen	Alice Biggane	Liverpool
December 2018	Christiane Hagel	Vo Tat Thang	Ghent
March 2018	Mona Ghannad	Anna Koroleva	CNRS
June 2018	Lorenzo Berizzolo	Camila Olarte Parra	Paris Descartes
October 2018	Christopher Norman	Mona Ghannad	Amsterdam

Training through action and collaboration

- **Peer review**

- Internal peer review

- A student and a researcher from 2 different teams will peer-review another student manuscripts before submission. The peer-review report written by the student will be evaluated by the researcher.

- Participation in the peer review of manuscript submitted to BMJ, BMC?

- **Teaching**

- Involvement in teaching to undergraduate students

- Development of a BMJ learning module for doctors, nurses, medical students

- **Participation in writing grant application**

- Within each team

Training through action and collaboration

- **Challenge**

- Start date: March 2018
- 4 teams of 3-4 fellows
 - Groups will be randomized
 - Group from different teams
- Dead line March 2019
- Challenge: to propose
 - A new intervention to improve clinical research value.
 - A scientific project to evaluate this intervention considering all aspects (development of the intervention, the evaluation, ethics, financial plan, project management, and communication).
- Presentation and evaluation by the **network Award** given to the best project to allow its implementation

Training through action and collaboration

- **Seminar**

- Invitation of 1 or 2 eminent academic researchers working in the field of Research on Research.
- The talks will be followed by an informal discussion between the students and the researchers to give an opportunity to exchange ideas (e.g., whether their ideas are worth pursuing).

Training through action and collaboration

Participation in outreach activities

- Public presentations at international scientific meetings, EQUATOR network conference etc



Every 4 year

Submit between 1/12/2016 and 15/2/2017



28-31/5/2017 Amsterdam

Registration before 3/2017



first '**Global Evidence Summit**' (GES) in Cape Town, South Africa from 12-16 September 2017

Training through action and collaboration

Participation in outreach activities

- Public presentations at international scientific meetings, EQUATOR network conference etc



February 20, 2017



10th November 2016

Training through action and collaboration

- **MiRoR final network conference**
 - Invitation of important stakeholders
 - Specific time slot for informal discussion between the students and invited stakeholders

Monitoring of the training quality and progress

- Quantitative indicators
 - Publications
 - Presentations
 - Attendances
- Qualitative indicators
 - Open questionnaires

University Requirements

- Double / joint doctorate → Need to fulfil the requirements of the 2 universities involved
- Publications in high impact peer-reviewed journals
 - At least 2 articles required
 - Open access
 - Open access to data if possible
- Example Paris Descartes
 - To validate all the training events organized by MiRoR
 - A certificate of validation will be provided
 - To validate 5 credit by attending courses on topics outside of the field of your PhD
 - To complete every year a template summarising your progress for the doctoral school
 - Saint Malo

Defense

- Double doctorate and double defence
 - UPD / UL
- Double doctorate and double defense but we will try to have an agreement for a single defense
 - UPD / US
 - UPD / UPC
- Double doctorate and double defense but we will try to have an agreement for a single defense
 - UPD / UG
- Joint doctorate with a single defense
 - UPD / AMC
 - AMC / UPS
 - AMC / UG

E-Communication



- **PhD students will be responsible for the e-communication**
 - Website
 - Newsletters / 4 month **(deliverable)**
 - YouTube videos
 - Podcasts
 - Blogs
 - Social networks (LinkedIn, Twitter, Facebook, etc.)
 - Use of various languages

Communication to the public

- Participation in events promoting science to the public
 - **European researchers night**
 - Fête de la science
 - B debate (Barcelona) etc
- **Lay press articles** for patients associations and public initiatives
- Dissemination of **an annual summary** of the main achievements of the network
- **Presentations to the public**



Students as **Marie Curie Ambassadors**

- Visit of school, universities, communities organisations



Acknowledgement of EU funding

- Use of EU logos
 - Appropriate prominence



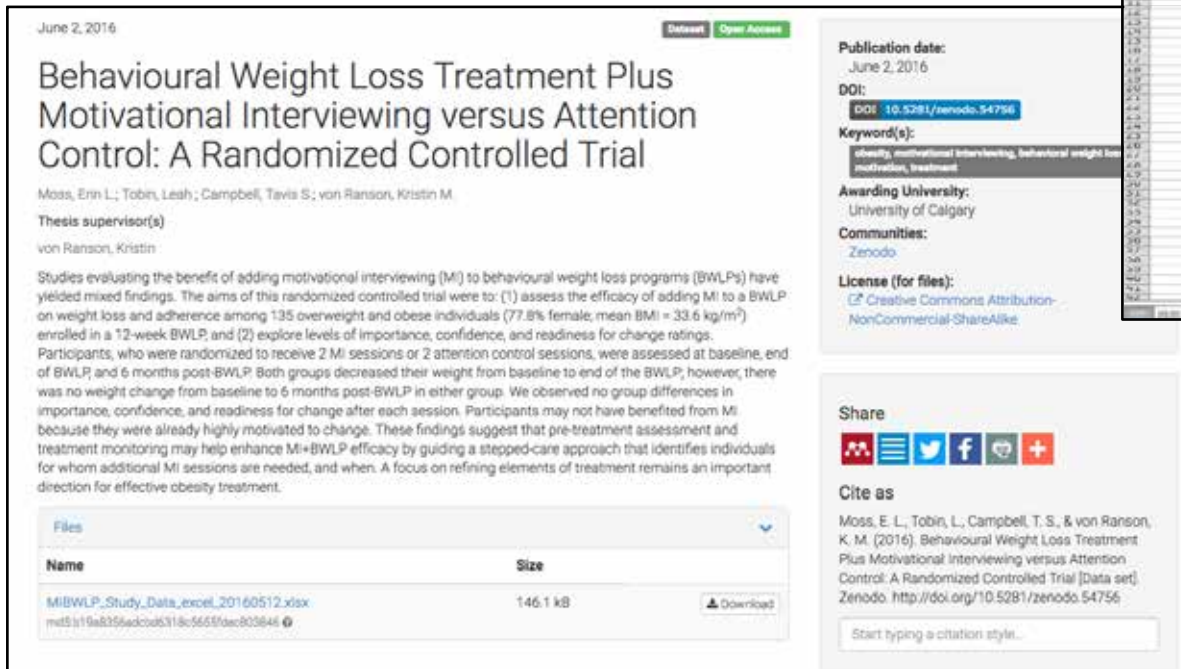
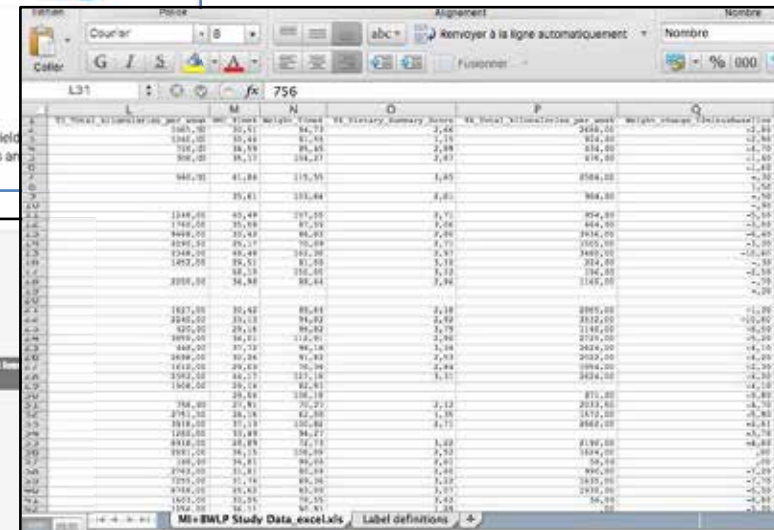
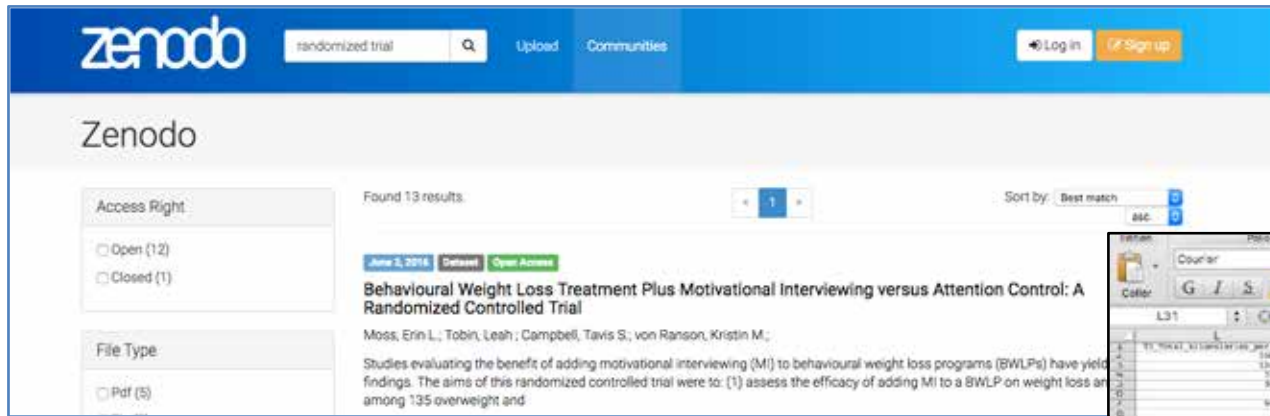
- Use of the following text
 - For communication activities: *This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 676207.*
 - For major results/equipment/infrastructure: *This XX has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 676207.*
- **Revision of the poster to send to Laura**

Data Management Plan

- MiRoR participates, on a voluntary basis, in the ***Open Research Data Pilot*** (ORD pilot)
- To facilitate access to and reuse of research data generated by H2020 project
- Art. 29.3 of the Grant Agreement
 - Regarding the digital research data generated in the action, the beneficiaries must **deposit in a Research Data Repository**:
 - The underlying data (including associated metadata) needed to validate the results presented in the scientific publication
 - Any other data, as specified and within the deadlines laid down in the DMP
- Approach: **“As open as possible, as closed as necessary”**

What are the requirements of the ORD pilot?

Deposit the research data in a research data repository



Data Management Plan

- Informed consent
 - For research projects involving **participants**, prior to the conduct of the research, they will receive full information on the research to be undertaken and the data sharing policy:
 - The research will contribute to improve future research;
 - It is possible to participate in the research while opting out from data-sharing (depends on the ethics committee)
 - Data will be de-identified and stored in a secure repository;
 - To gain access to their data, researchers need to sign a data use agreement whose details will be provided to participants;
 - To clarify for studies involving manuscripts
 - Information of authors and peer reviewers

Acknowledge project funding in data repository

- Each paper must include in its metadata the terms “European Union” and “Horizon 2020”, the name of the action, acronym and grant number, the publication date, length of embargo period and a persistent identifier (e.g. DOI, Handle)

Mandate on open access to publications

- Under Horizon 2020 (Article 29.2 of the Model Grant Agreement), **each beneficiary must ensure open access to all peer-reviewed scientific publications relating to its results.**
- The open access mandate comprises 2 steps:
 - depositing publications in repositories
 - providing open access to them

Step 1 - Depositing publications in repositories (online archive)

- Beneficiaries must deposit a machine-readable electronic copy of the **published version** or **final peer-reviewed manuscript accepted for publication** in a **repository for scientific publications**. This must be done **as soon as possible** and at the latest upon publication.
- This step applies **even where open access publishing ('gold' open access) is chosen** to ensure that the article is preserved in the long term
- The latest acceptable time to deposit a publication is **the date of publication**.
- **Where possible**, the version deposited should be **identical to the published version** (in layout, pagination, etc.).

Step 2 - Providing open access to publications

- **Self-archiving / 'green' OA**: beneficiaries can deposit the final peer-reviewed manuscript in a repository of their choice. They must ensure open access to the publication within at most **6 months**.
- **2. Open access publishing / 'gold' OA**: researchers can also publish in open access journals, or in hybrid journals that both sell subscriptions and offer the option of making individual articles openly accessible. The article must also be made accessible through a repository upon publication.

Repository

- You must include the following:
 - the terms ["European Union (EU)" & "Horizon 2020"] ["Euratom" & Euratom research & training programme 2014-2018"]
 - the name of the action, acronym and grant number
 - the publication date, the length of the embargo period (if applicable) and a persistent identifier.

Open access

- Where possible, contributors should also be uniquely identifiable, through for example **ORCID** for contributor identifiers and DataCite for data identifiers

Short term to do list

- Individual Research project
 - Send updated poster to Laura (**deliverable**)
 - Career development plan (**deliverable**)
 - Training programme
 - Research programme
 - protocol
 - DMP (**deliverable**)
 - Ethics (**deliverable**)
 - Communication plan for the first project
 - ORCHID
- Training
 - Journal club

Short term to do list

- Communication
 - Mirror short term communication plan (to be validated with Patrick and Daniel)
 - Implementation of the communication plan
 - Video
 - Newsletter (**deliverable**)
 - Revise the website
 - Mid term Mirror communication plan
 - **Leaders for communication**