



Grant agreement no. 642881

ECMED

The Extracellular Matrix in Epileptogenesis

*MSCA-ITN-2014-ETN: Marie SkłodowskaCurie
Innovative Training Networks (ITN-ETN)*

D6.1 ECMED network website and flyer

Work Package: 6
 Due date of deliverable: month 6
 Actual submission date: 30/ July /2015
 Start date of project: January 1st 2015 Duration: 48 months
 Lead beneficiary for this deliverable: *UCL*
 Contributors: *All partners*

Project co-funded by the European Commission within the H2020 Programme (2014-2020)		
Dissemination Level		
PU	Public	√
CO	Confidential, only for members of the consortium (including the Commission Services)	
CI	Classified, as referred to in Commission Decision 2001/844/EC	

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1. History table

Version	Date	Released by	Comments
v1.0	21.07.2015	Ilaria Marsili	

2. Definition and acronyms

Acronyms	Definitions
ECM	Extracellular matrix
WP	Work Package

3. Introduction

The present document provides an overview of the project activity carried out by ECMED partners for completion of **Work Package 6 - Communication and dissemination activities**. The purpose of WP6 is to implement communication activities to organise effective exchange of data, methods and materials between partners, preparation of publications and organisation of public events.

The aim of **Deliverable 6.1**, in the framework of WP6, is to report on the development of the ECMED project website and flyer.

The objective of producing a website and a flyer is part of a wider dissemination activity aimed at creating interest and engaging the public on the topic of ECM, epilepsy and epileptiform disorders as well as the different working steps of ECMED and the expected major results that are publishable.

The web design was carried out by University College London (UCL) and circulated to the rest of the Consortium in order to collect feedback on any changes required. It will regularly be updated throughout the duration of the project by an administrative manager. ECMED website will serve to involve the scientific community in the project and be apprised of public perception and public demands. The project website will also play a key role to disseminate in a timely and appropriate manner the project's results.

The flyer will act as a source of key information about the project for a variety of stakeholders. This can be used to deliver information to a more targeted audience, for example, distributed at appropriate international and national specialist conferences. The flyer will also be used to draw people's attention to the website where they can find more information.

4. Design and registration data of the Website

The ECMED project website has been created and was launched at the domain name of <http://www.ecmed-itn.eu/> in June 2015. UCL has performed the web-design and registered this domain at NAMES.co.uk.

In order to maintain a consistent visual identity, each page on the website contains the ECMED logo clearly displayed alongside the logo of the EU emblem (Figure 1A and 1B).



Figure 1) Head (A) and Foot (B) of the website design

4.1 Site Maintenance

The website will be regularly maintained and updated by UCL ECMED staff (Ilaria Marsili from UCL's European Office and Michelle Barbeyto from the Institute of Neurology). New content will be added as it becomes available from partners. The site will be regularly reviewed and refined to meet the demands of the target audience.

5. Activities carried out and results

A- ECMED network website

➤ Home page

This page (Figure 2) provides a summary of the project as a whole. It also shows the Project logo along with the latest project news and event.

ECMED
THE EXTRACELLULAR MATRIX IN EPILEPTOGENESIS
A EUROPEAN TRAINING NETWORK

UCL Home » ECMED

ECMED

- Home
- The Network
- The Research Projects
- The Partners
- Recruitment
- Publications
- Deliverables
- News And Events
- Participants' Area
- Contact Us

The Network
[Learn more about ECMED](#)

The Research Projects
[Recruiting now!](#)

News & Events
[Stay tuned about ECMED](#)

Over 50 million people worldwide have epilepsy and 30% are resistant to our present therapies. Epilepsy, therefore, comprises a major burden to society and so there is a pressing need for new approaches to treatment.

The brain extracellular matrix (ECM) plays a critical role in governing brain excitability and function. Although research into the role of the ECM in neuronal signalling and network function has advanced considerably in recent years, its full translational potential has yet to be realised. There is growing evidence for a major role of the ECM in epilepsy including the association between ECM protein mutations and epilepsy, changes in the ECM and associated proteins during the development of epilepsy and the strong association between the ECM and brain diseases associated with epilepsy including stroke, traumatic brain injury, neurodegeneration and autism.

This project brings together considerable expertise from academic and industry partners in the biology of the ECM with experts in epilepsy research. This, therefore, represents a truly collaborative effort to determine not only the role of the ECM in the development of epilepsy but also novel approaches to treat and to prevent epilepsy.

The academic partners will focus on specific research questions, whilst the industrial members will provide diagnostic, treatment and advanced research tools. The project has a strong translational theme and the combination of basic and translational science will be of great benefit for the training of young researchers.

Trainees will be exposed to courses, workshops, joint research meetings and inter-laboratory visits. The focus of the training programme is on expanding knowledge and the application of such knowledge to address pertinent question relevant to the diagnosis, prognosis and treatment of epilepsy, so providing an ideal insight into translational neuroscience.

Page last modified on 21 Apr 15 17:16

Normal view | High contrast view

Disclaimer | Freedom of Information | Accessibility | Privacy | Cookies | Advanced Search | Contact Us

This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 642881
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Figure 2 - Home page of the website

➤ The Network

• Network Objectives and Impact

This section presents ECMED project, the challenges being addressed, its objectives as well as the expected results and the impact it could have on our society.

- **Network timeline**

Through a Gantt chart, this section (Figure 3) presents the timeline of the project.

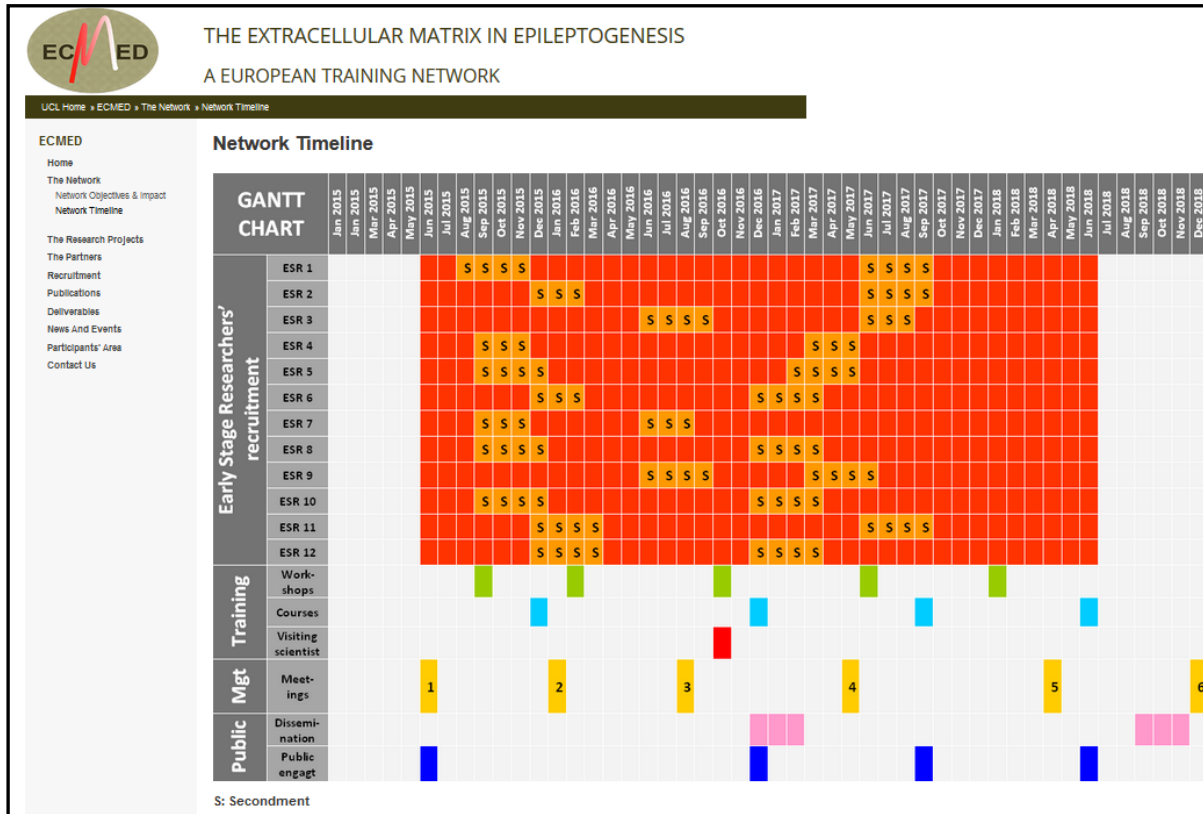


Figure 3 – Gantt chart of ECMED

➤ **The Research Projects**

ECMED project will be recruiting 12 students as Early Stage Researchers (ESRs). Therefore, the Research Projects page (Figure 4) is divided in 12 subsections, each one explaining in more details the role of each ESR.

As soon as all ESRs are recruited, a small CA and related picture will be uploaded on the website.

ESRs will actively contribute to the development of all virtual learning resources on epilepsy which will be deposited on the website.

ECMED

Home

The Network

The Research Projects

ESR 1

ESR 2

ESR 3

ESR 4

ESR 5

ESR 6

ESR 7

ESR 8

ESR 9

ESR 10

ESR 11

ESR 12

The Partners

Recruitment

Publications

Deliverables

News And Events

Participants' Area

Contact Us

The Research Projects

12 students will be recruited in the first year of the project (2015) as **Early Stage Researchers (ESRs)**.

They will be hosted in one partner institution for a duration of up to 36 months, and will have the opportunity to do secondments in other partner institutions throughout their 3-year recruitment period.

We are currently recruiting all 12 ESRs, so please have a look at the [recruitment conditions and criteria](#).

- > **ESR 1 (UCL)** - Role of LGI1 in the expression and treatment of acquired epilepsy
- > **ESR 2 (IT)** - Development of MEA-based in vitro and ex vivo models of epileptogenesis and seizures for primary drug screening
- > **ESR 3 (IT)** - Elucidation of causality between α V Integrin deficiency and epilepsy
- > **ESR 4 (DZNE)** - Targeting ECM-associated glycans in epileptogenesis
- > **ESR 5 (DZNE)** - ECM-associated glycans in established epilepsy
- > **ESR 6 (UEF)** - uPAR-Interactome and post-traumatic epileptogenesis
- > **ESR 7 (LIN)** - Integrity of the lectican-based ECM and epilepsy
- > **ESR 8 (Nanck)** - MMP inhibitors as potential anti-epileptogenic therapeutics
- > **ESR 9 (UAntwerpen)** - Imaging the extracellular matrix proteases MMP-9 and uPA in the development of acquired epilepsy
- > **ESR 10 (AMC)** - Characterization of ECM expression-regulating miRNAs in human focal epilepsy
- > **ESR 11 (AMU)** - Development of vector molecules for CNS delivery of ECM drug and imaging candidates developed by partners
- > **ESR 12 (Iproteos)** - Design and synthesis of selective MMP-9 inhibitors and synthesis of modulators for ADAMTS4

```

graph TD
    BI[Brain insult] --> ANA[Altered neural activity]
    ANA --> ER[ECM remodelling]
    ER --> PE[Pathogenic ECM]
    PE --> FHN[Formation of hyperexcitable neural networks]
    FHN --> E[EPILEPSY]
    
    ER --> EC[ECM cleavage products as markers of epileptogenesis]
    ER --> MI[Mutations in ECM molecules, glycan synthesising enzymes, extracellular proteinases]
    
    ER --> I[Inhibitors of ectoproteases  
ECM stabilizers]
    ER --> S[ECM signaling inhibitors  
ECM mimicking reagents  
ECM digesting enzymes]
    
    EC --- ESR6[- SRPX2 (ESR6)]
    EC --- ESR7[- ADAMTS-4 (ESR7)]
    EC --- ESR9[- MMP9/uPA (ESR9)]
    EC --- ESR10[- miRNAs for ECM (ESR10)]
    
    MI --- ESR4[- ECM glycan (ESR4)]
    
    I --- ESR5[- ECM proteoglycan (ESR5)]
    I --- ESR8_9_12[- MMP9 (ESR8/9/12)]
    
    S --- ESR1[- LGI1 (ESR1)]
    S --- ESR2_11[- Cilengitide & ATN-161 (ESR2/11)]
    S --- ESR3[- AlphaV integrin (ESR3)]
    S --- ESR4_5[- Hyase/ChABC/H1 (ESR4/5)]
    S --- ESR6[- SRPX2 (ESR6)]
    S --- ESR7[- PNNs (ESR7)]
    S --- ESR8_9_12[- MMP9 (ESR8/9/12)]
    S --- ESR10[- miRNAs for ECM (ESR10)]
    
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    style ANA fill:#ffcc99
    style ER fill:#ffcc99
    style PE fill:#ffcc99
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    style EC fill:#ccffff
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    style I fill:#ccffff
    style S fill:#ccffff
    style BI fill:#ffff99
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    style ESR10 fill:#ccffcc
    style ESR4_5 fill:#ccffcc
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    style ESR8 fill:#ccffcc
    style ESR9 fill:#ccffcc
    style ESR10 fill:#ccffcc
    style ESR11 fill:#ccffcc
    style ESR12 fill:#ccffcc
    
```

Figure 4 – The Research Projects

➤ The Partners

This page (Figure 5) presents the ECMED consortium. By clicking on each partner's link, you are redirected to the partner's profile. Each profile includes a description of the Organisation as a whole, the Teams involved in the project as well as the partner's contact and which ESR it will be hosting.

UCL Home » ECMED » The Partners

ECMED

- Home
- The Network
- The Research Projects
- The Partners**
 - UCL
 - IIT
 - DZNE
 - UEF
 - LIN
 - NIW
 - UAntwerpen
 - AMC
 - AMU
 - Iproteos
- Recruitment
- Publications
- Deliverables
- News And Events
- Participants' Area
- Contact Us

The Partners

- [UCL](#) - University College London (London, United Kingdom)
- [IIT](#) - Fondazione Istituto Italiano di Tecnologia (Genoa, Italy)
- [DZNE](#) - Deutsches Zentrum fuer Neurodegenerative Erkrankungen (Bonn, Germany)
- [UEF](#) - University of Eastern Finland (Kuopio, Finland)
- [LIN](#) - Leibniz-Institut fuer Neurobiologie (Magdeburg, Germany)
- [NIW](#) - Nencki Institute (Warsaw, Poland)
- [UAntwerpen](#) - Universiteit Antwerpen (Antwerp, Belgium)
- [AMC](#) - Academisch Medisch Centrum bij de Universiteit van Amsterdam (Amsterdam, The Netherlands)
- [AMU](#) - Université d'Aix-Marseille (Marseille, France)
- [Iproteos](#) (Barcelona, Spain)

Logos displayed: UCL, IIT, DZNE, University of Eastern Finland, LIN, NIW, UA Antwerpen, AMC, AMU, Iproteos, Aix-Marseille universite.

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Figure 5 – ECMED partners

➤ Recruitment

The vacancies for the 12 Early Stage Researchers positions have been advertised under this section where links to each Organisations' webpages including details, were provided. Since, at the time of the recruitment, the official website was not yet available, relevant info was also published on the basic version of the project website (<http://ecmed15.wix.com/epilepsy>).

➤ Publications

Links to publications will be posted under this section as the project develops.

➤ Deliverables

This section presents the list of ECMED's Public deliverables. Links to Deliverables will be provided on this page (Figure 6) once they have been submitted to the European Commission.

UCL Home » ECMED » Deliverables

ECMED
Home
The Network
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Deliverables

Please find below the list of ECMED's Public Deliverables. Links to the Deliverables will be provided here once they have been elaborated and made available online.

No.	Type	Delivery Date	Lead Participant	Title
D6.1	Website	June 2015	University College London	ECMED network website and flyer
D1.3	Other	December 2015	Leibniz Institute for Neurobiology	Advanced Training course 1
D4.1	Demonstrator	December 2015	Istituto Italiano di Tecnologia	New approach for seizure analysis
D1.6	Other	December 2016	University of Eastern Finland	Advanced Training course 2
D3.5	Report	August 2017	Istituto Italiano di Tecnologia	New data on the mechanisms of epileptogenesis
D1.8	Other	October 2017	University College London	Advanced Training course 3
D3.6	Report	October 2017	German Centre for Neurodegenerative Diseases	New data on the mechanisms of epileptogenesis - 2
D1.10	Other	June 2018	Nencki Institute of experimental biology	Advanced Training course 4

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Figure 6 – Deliverables

➤ News and Events

- **Newsfeed**

Related information will be published under this section.

- **Network Events**

This section presents all the previous and future meetings and workshops.

➤ **Participants' Area** (Restricted to ECMED beneficiaries, partner organisation and ESRs)

The Participants' Area section is a private area divided in two subsections:

- **Partners' Area:** key project documentation (legal, financial, scientific, etc) will be uploaded on this page, including project meeting related minutes and presentations, conference calls, confidential deliverables and other useful documents.
- **Early Stage Researcher's Area:** the consortium is working on how to structure this area.

The secure server is placed on facilities of UCL. Access to the Participants' Area is gained through login names and passwords, which have will be provided by the UCL administrator at UCL, Ilaria Marsili.

➤ **Contact us**

This section (Figure 7) shows a list of important contacts (Network Coordinator, Project Manager, Training Lead, Research Lead, Ethics Leads, Equal opportunities and Recruitment Lead, Career Development Champion and the email address for general enquiries). These will strengthen the smooth communication between ECMED project participants and the general public throughout the duration of the project.

THE EXTRACELLULAR MATRIX IN EPILEPTOGENESIS A EUROPEAN TRAINING NETWORK																	
UCL Home » ECMED » Contact Us																	
ECMED Home The Network The Research Projects The Partners Recruitment Publications Deliverables News And Events Participants' Area Contact Us	<p>Contact Us</p> <table border="1"> <tr> <td>General enquiries</td> <td>contact@ecmed-itn.eu</td> </tr> <tr> <td>Network Coordinator</td> <td>Prof. Matthew Walker University College London (UK)</td> </tr> <tr> <td>Project Manager</td> <td>Ilaria Marsili University College London, European Office (UK)</td> </tr> <tr> <td>Training Lead</td> <td>Prof. Leszek Kaczmarek Nencki Institute (Poland)</td> </tr> <tr> <td>Research Lead</td> <td>Prof. Alexander Dityatev German Centre for Neurodegenerative Diseases (Germany)</td> </tr> <tr> <td>Ethics Lead</td> <td>Prof. Stefanie Dedeurwaerdere University of Antwerp (Belgium)</td> </tr> <tr> <td>Equal opportunities and Recruitment Lead</td> <td>Prof. Asia Pitkanen University of Eastern Finland (Finland)</td> </tr> <tr> <td>Career Development Champion</td> <td>Prof. Lorenzo Cingolani Istituto Italiano di Tecnologia (Italy)</td> </tr> </table> <p>Page last modified on 21 Apr 15 18:34</p>	General enquiries	contact@ecmed-itn.eu	Network Coordinator	Prof. Matthew Walker University College London (UK)	Project Manager	Ilaria Marsili University College London, European Office (UK)	Training Lead	Prof. Leszek Kaczmarek Nencki Institute (Poland)	Research Lead	Prof. Alexander Dityatev German Centre for Neurodegenerative Diseases (Germany)	Ethics Lead	Prof. Stefanie Dedeurwaerdere University of Antwerp (Belgium)	Equal opportunities and Recruitment Lead	Prof. Asia Pitkanen University of Eastern Finland (Finland)	Career Development Champion	Prof. Lorenzo Cingolani Istituto Italiano di Tecnologia (Italy)
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Figure 7 – Contacts list

➤ **Additional features**

To create a common and durable platform for education in basic translational neuroscience, ECMED aims to build a virtual learning environment on epilepsy and ECM. Thus, additional features will be implemented. Practical Workshops and Advanced Training Course seminars will be recorded and stored as a permanent resource on the website. In addition, virtual learning environment on epilepsy, e-protocols, e-seminars as well as web course tools and journal clubs will be implemented. In particular, ECMED plan to organise a fortnightly ECMED-specific journal club where scientific articles relevant to the network will be shared and discussed by all members via Mendeley and teleconferences.

B- Flyer

The flyer (see Annex 1) will be distributed in order to disseminate information about ECMED project to a wide range of stakeholders. It also features the EU flag as well as the call details (*MSCA-ITN-2014-ETN: Marie SkłodowskaCurie Innovative Training Networks (ITN-ETN)*) as acknowledgement for the funding of the project.

The flyer gives an overview of ECMED partners, ECMED network, the project's aims and objectives as well as the expected results and impacts of the project. It also provides useful information regarding the main contact points.

Thanks to ECMED website address being highlighted, stakeholders can be redirected to the website for further information regarding the project.

All partners contributed in designing, revising the contents and providing material for the flyer.

6. Conclusions

The ECMED network website as well as ECMED flyer have been successfully set up in the first 6 months of the project, as planned in the Annex 1 (Description of the Action).

The website comprehensively introduces the ECMED project to create initial awareness amongst potential users and the research community. The website will be fully developed in the next few months, and continuously updated and maintained over the course of the project.

The distribution of ECMED flyer will allow ECMED partners to communicate efficiently on the project and will also be a way to redirect relevant target groups to the ECMED website.

Disclaimer

The content of this deliverable does not reflect the official opinion of the European Union. Responsibility for the information and views expressed in the deliverable therein lies entirely with the author(s).

Annex 1: ECMED Flyer