



European Patients' Academy on Therapeutic Innovation

EUPATI Patient Expert Training Course



EUPATI = patient education for all



**EUPATI Patient Experts
Training Course**
-- for expert patients

**100
patient
experts**

**1st cycle, Oct 2014
= 50 participants**

English

**EUPATI Educational
Toolbox**
-- for patient advocates

**12,000
patient
advocates**

**2nd cycle, Oct 2015
= 50 participants**

**English
French
German
Spanish
Polish
Italian
Russian**



**EUPATI
Internet Library**
-- for the health-interested public

**100,000
individuals**



What is the EUPATI Patient Expert Training Course?



Online self-learning

+



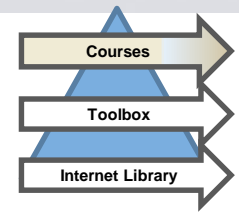
2 Face-to-face events

+



**Patient involvement
forum**

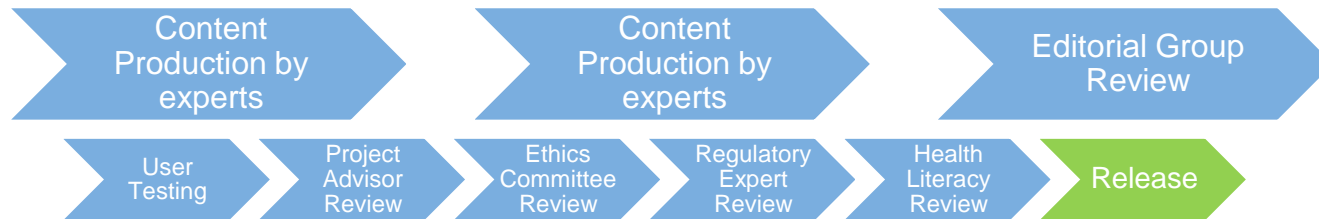
14-month patient expert training course
150+ hours of e-learning
Two 4-day face-to-face meetings



How was the EUPATI Course prepared?

Development

- Experts from patient community, academia & industry asked to draft content in 2013
- Content reviewed by multi-disciplinary EUPATI Editorial Group
- Oversight by Project Advisory Board, Regulatory Group & Ethics Committee



Selection

- Advertised publicly in Spring 2014 via our website, network & national teams
- Applications were invited from patients, carers, patient advocates & volunteers
- More than 300 submissions were received for 1st cycle
- Final selection completed by independent panel
- 100 participants from over 30 European countries across 1st and 2nd cycles



When did the EUPATI Course start?



1st cycle
53 trainees
Oct 2014 – Dec 15

2nd cycle
60 trainees
Sep 2015 – Nov 2016

=

By January 2017,
over 100 patient
experts from across
Europe are now
EUPATI Fellows!





CERTIFICATE OF TRAINING

European Patients' Academy on Therapeutic Innovation (EUPATI) Patient Expert Training Course on Medicines Research and Development
September 2014 to December 2015


This is to certify that

Anne Micallef

.....
has successfully completed the above course and is awarded the title of
Fellow of the European Patients' Academy (EUPATI Fellow)

The course is taught in e-learning and face-to-face-meetings over a period of 14 months. It consists of six modules covering: (1) Discovery of Medicines and Planning of Medicines Development; (2) Non-Clinical Testing and Pharmaceutical Development; (3) Exploratory and Confirmatory Clinical Development; (4) Clinical Trials; (5) Regulatory Affairs, Medicinal Product Safety, Pharmacovigilance and Pharmacoepidemiology; (6) HTA principles and practices, supplemented by practical exercises.

EUPATI Director
Jan Geissler



European Patients' Forum Secretary General
Nicola Bedlington



What is e-learning for the EUPATI Course?



European Patients' Academy
on Therapeutic Innovation

EUPATI

Face-to-face

Forum

Glossary

Welcome to the EUPATI moodle site

Course Overview

Discovery of
Medicines and
Planning of Medicines
Development

Non-Clinical Testing
and Pharmaceutical
Development

Expl
Con
Dev

Face-to-Face
Information

Clinical Trials

Regulatory Affairs,
Medicinal Product
Safety,
Pharmacovigilance

HTA
Prac

HOME » COURSES » EUPATI » COHORT 1 » C1 ~ COURSE INFORMATION

Course Information

This area contains information about this course, including how to contact your tutors, the course syllabus and how to contribute feedback about the course content.

File: 1

Discussion Forums

This area contains all the announcement and discussion forums for this course.

Forums: 12

Progress: 0 / 5

Webinar Recordings

This section contains links to the recordings of all the online webinars held on the course.

URLs: 5 Files: 3

Technical Support

This area contains technical support information and contact details.

URL: 1

Quality Assurance Questionnaire

We would be grateful if you could complete this questionnaire by the 28th of February.

What does the course cover?

Educate and train patients and patient advocates with objective, credible, correct and up-to-date information about:

1. Discovery of Medicines & Planning of Medicine Development
2. Non-Clinical Testing and Pharmaceutical Development
3. Exploratory and Confirmatory Clinical Development
4. Clinical Trials
5. Regulatory Affairs, Medicinal Product Safety, Pharmacovigilance and Pharmaco-epidemiology
6. HTA principles and practices

...and **NOT:**
develop indication- or
therapy-specific
information!

+ Patients' roles and
responsibilities

What does the course content look like?

The screenshot displays the EUPATI course interface. At the top, a navigation bar includes 'EUPATI', 'Face-to-face', 'Forum', 'Glossary', 'My Dashboard', and 'My Modules'. The user is logged in as Matthew May. The main content area is titled 'Types of medicine' and includes a breadcrumb trail: 'HOME > MY COURSES > EUPATI > DISCOVERY OF MEDICINES & PLANNING OF MEDICINES... > TYPES OF MEDICINES, THEIR MODE OF ACTION AND USE > TYPES OF MEDICINE'. The page content is structured as follows:

- 1 Introduction**
- 1.2 How drugs are taken?**

The first step in using a medicine is to deliver it into the body. Medicines can be administered using a variety of methods (Figure 1.1). Some are packed into pills and others are given through injections, or as creams, sprays or drops. The method used will depend on the characteristics of the medicine and the patient characteristics (for instance someone unconscious cannot swallow a pill). Most medicines have to be dissolved in water so that they can be absorbed in the body. Drugs also need to be able to pass through the body's cell layers and membranes (thin layers of tissue), such as the walls of blood vessels, in order to be absorbed into the bloodstream. Because fats and water do not mix well, drugs are often formulated as emulsions, therefore important to strike a balance between the structure of drugs to improve their ability to pass through the body's cell layers and membranes.

Figure 1.1 illustrates various drug administration routes: Inhaled (via a nebulizer), Oral (via a pill), and Intravenous (via an injection and an IV drip). The diagram also labels internal organs: Liver, Stomach, Small intestine, and Large intestine.

On the right side, a 'TABLE OF CONTENTS' lists the following sections:

- 1 Introduction
 - 1.1 A brief history of medicines
 - 1.2 How drugs are taken?**
 - 1.3 Further reading
- 2 Chemical (synthetic) medicines
 - 2.1 General features
 - 2.2 How do chemical medicines work?
 - 2.3 How are chemical medicines...

Below the main content, there are three highlighted boxes:

- Reflective Questions on Patient Involvement**
 - Possible roles for patient experts in the medicines development process
 - Perceived Benefits and barriers of active patient involvement in the Medicines Development Process
 - The balance between acquired and grass...
- End of module assessment**
 - Module 1 - End of module assessment

The left sidebar contains 'NAVIGATION' and 'ADMINISTRATION' menus. The 'NAVIGATION' menu includes Home, My home, My profile, Current course (Discovery of Medicines & Planning of Medicines...), and My courses. The 'ADMINISTRATION' menu includes Book administration (Edit settings, Locally assigned roles, Permissions, Check permissions, Filters, Logs, Backup, Restore, Import chapter, Print book, Print this chapter, Turn editing on), Course administration, Switch role to..., My profile settings, and Site administration.

The first cohort



Why did I apply to a 14-month patient expert training course??!!

What have I gained from my experience of the EUPATI course?

What do I hope to do with my new knowledge?

What can researchers and industry do to help me get involved?

Get to know us!

EPF European Patients Forum
EGAN Patients Network for Medical Research and Health
EURORDIS Rare Diseases Europe
EATG EUROPEAN AIDS TREATMENT GROUP

BIO PEOPLE
 UNIVERSITY OF COPENHAGEN
HIBERNIA COLLEGE
nowgen A Centre for Genetics in Healthcare

DIA www.diahome.org
EF GCP
FORTC European Organisation for Research and Treatment of Cancer
IPPOSI Irish Platform for Patients' Organisations, Science and Industry
ISPOR INTERNATIONAL SOCIETY FOR PHARMACOECONOMICS AND OUTCOMES RESEARCH

Pfizer **vfa.** **ESTEVE** **MERCK**
Chiesi **AMGEN** **farmaindustria**
MSD **AstraZeneca** **genzyme** **NOVARTIS**
Lilly **BAYER** **gsk** **novo nordisk**
ucb **Boehringer Ingelheim** **INFARMA** **Roche**
Bristol-Myers Squibb **janssen** **SANOFI**



EUPATI

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Web: www.eupati.eu

Twitter: @eupatients





<https://vimeo.com/152251690>