



AETM-WG

**Academia Europaea Translational Medicine
Working Group**

General Regulation



THE ACADEMY OF EUROPE



I. Introduction

It is very important that scientific results benefit the community as much as possible. In the world of today, **it is crucial that healthcare data are collected, analyzed and interpreted** with high expertise and precision.

The European Statistical Office of the European Commission (EUROSTAT) has recently reported that 1.7 million people under 75 years of age died **in Europe** in 2016, with around **1.2 million of those deaths being avoidable through effective primary prevention and public health intervention**. In 2018, Academia Europaea (AE) has launched a project to develop a model to facilitate and accelerate the utilisation of scientific knowledge for public and community benefit⁽¹⁾. The new model focuses equally on the acquisition of new scientific results healthcare, understandable and digestible summation of results, and their communication to all participants including healthcare professionals, patients and policy makers. Despite the fact that the new model is extremely effective⁽²⁾, we have not yet achieved breakthrough results in Europe, consequently, healthcare strategies used by universities, hospitals and academies must be subject to continuous review and renewal. Our aim is to set up a working group to help the people of Europe to use scientific results more efficiently for its community benefits.

The major role of EUROSTAT is to collect and analyses large amounts of data in many fields including healthcare from EU Member States. Despite the publication of a series of macro data on their websites and the small number of available publications compared to the size of the database there is a lack of in-depth scientific analysis and assessment and interpretation of the data.

Following a conference at the last AE meeting, the **Academia Europaea Translational Medicine (AETM) Working Group** was formed. The primary objective of the working group is to process, analyse and interpret high quality macro- and microdata collected by EUROSTAT in the field of biomedical sciences with a full European coverage.

The AETM working group will become operational on **1 January 2023**. The operational support will be provided by the TM Centre at Semmelweis University at no cost to AE members.

- 1) J Clin Med. 2020 May 19;9(5):1532
- 2) Nat Med. 2021 Aug;27(8):1317-1319.



II. Composition of AETM-WG

Researchers

AETM is open to **all members of AE** and their working group **researchers** (e.g. PhD students, postdocs). Please note that besides the highly qualified AE experts, a fundamental condition for research is to have researchers with spare capacity. Therefore, we can only accept AE members joining with at least a researcher (PhD student, postdoc). In order to ensure quality, we recommend the inclusion of researchers with at least 2-3 years of research expertise.

Interdisciplinary experts

Interdisciplinary research support (IT experts, statisticians, legal experts, methodology experts, etc) will be provided **free of charge** by the Semmelweis University Centre for Translational Medicine. Regardless of this, any AE member may nominate its own interdisciplinary member to the research team, but the financial resources must be provided by the delegating AE member.

III. Data availability for research

Macrodata are available to everyone on the EUROSTAT website. A large part of the data is already **partially processed and posted on the website**. However, the analysis of the data by experts is lacking.

Microdata consists of sets of records containing information on individual persons, households or business entities. High quality microdata can be derived from administrative or statistical data sources, and these are increasingly made available to researchers only. 'Microdata' is a usual term for files containing confidential data. The microdata are **not open to the public**, only organizations with a Eurostat researcher registration can access them. <https://ec.europa.eu/eurostat/web/microdata>

Since AE does not have a research facility, AE could not be a direct research partner of EUROSTAT. However, we are very pleased that the management of Semmelweis University has agreed to provide AE with the infrastructure necessary for the EUROSTAT partnership. On 25 October this year, AE successfully registered with EUROSTAT through Semmelweis University. Therefore, we are happy to announce that **AE members will have full accessibility to the microdata** on the basis of a pre-specified and accepted research plan.

IV. Research process

The AETM-WG holds a monthly **EXPERT** zoom meeting. The research questions and methodologies required are discussed here. AE members and their delegated investigators must attend the EXPERT meeting.

In between the monthly EXPERT meetings, we organise an **INVESTIGATOR** zoom meeting once a month to provide practical and operational support for the research (how to download EUROSTAT data, statistical questions, providing methodological background). Only investigators (delegated by MAE) are obliged to attend these meetings.



V. Publication policy

The last author will be the AE member who brings the topic and research question, the first author will be the investigator delegated by the AE member. The AE members, investigators, statisticians, experts involved in the research project will be co-authors. All communications should include the words on behalf of AETM-WG.

VI. Finance issues

Academia Europaea does not make any financial contribution to the execution of specific research. The necessary personnel and other material costs must be covered by the researchers.

VII. Contacts

In case of any question please contact: ae.clinvetsci@gmail.com

