



**FEAM**

Federation of European  
Academies of Medicine

# SUPPORT FEAM IN COMBATING DISEASES ACROSS BORDERS IN EUROPE



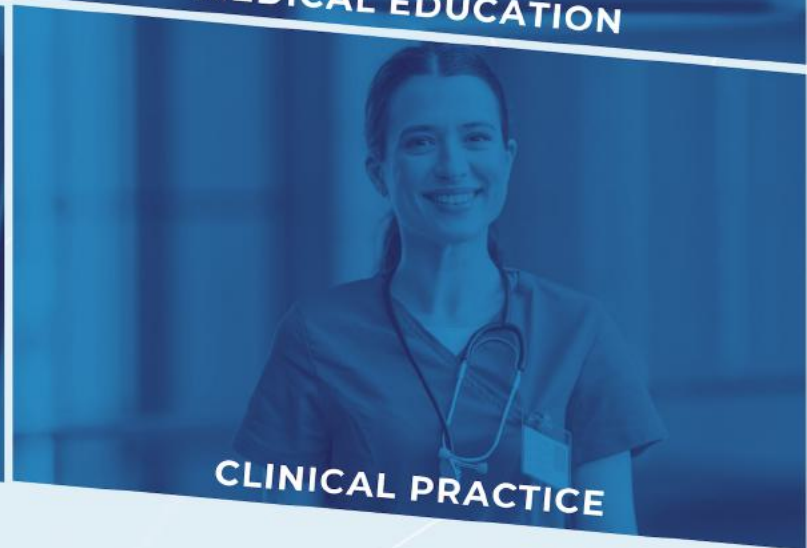
**BIOMEDICAL RESEARCH**



**MEDICAL EDUCATION**



**HEALTHCARE POLICY**



**CLINICAL PRACTICE**

**PUBLISHED BY**

**FEAM - FEDERATION OF EUROPEAN ACADEMIES OF MEDICINE**

The practice of medicine evolves continuously based on novel discoveries and clinical observations.

Progress in medicine comes from many countries and it is of paramount importance that progress is confirmed, explained and rapidly transmitted for a maximum number of patients to benefit.

The recent COVID19 pandemics showed how critical it is to communicate and align practices

to the highest standards and use most advanced scientific understanding and tools.

**Knowledge needs to be shared and early warning systems must be operative. By definition when a new infectious agent appears, one needs to be able to sense the changes early-on and for this to occur scientific structures are essential as those have the exercise to discover.**



**PROF. STEFAN N. CONSTANTINESCU**, THE CURRENT PRESIDENT OF FEAM IS A MEMBER OF THE ROYAL BELGIAN ACADEMY OF MEDICINE AND THE ROMANIAN ACADEMY OF MEDICAL SCIENCES. HE IS PROFESSOR OF MOLECULAR AND CELL BIOLOGY AT UNIVERSITÉ CATHOLIQUE DE LOUVAIN, WHERE HE COORDINATES THE CELL SIGNALLING AND MOLECULAR HAEMATOLOGY UNIT AT DE DUVE INSTITUTE. HE IS ALSO A MEMBER OF LUDWIG CANCER RESEARCH LABORATORIES, BRUSSELS, BELGIUM AND A PROFESSOR OF CANCER SIGNALLING AT NUFFIELD DEPARTMENT OF MEDICINE AND LUDWIG CANCER RESEARCH OXFORD, UNIVERSITY OF OXFORD, UK. HIS EXPERTISE REVOLVES AROUND BLOOD CANCERS

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# YOUR LEGACY FOR THE NEXT GENERATION? A BETTER HEALTHCARE SYSTEM AND MEDICINE FOR EVERYONE

Created in 1993 the Federation of European Academies of Medicine (**FEAM**) is an established organization representing 24 European medical Academies (including British and Swiss Academies).

With a focus on collaboration, excellence, and knowledge exchange, FEAM plays a vital role in advancing medical research, education, and policy within Europe.

The organization serves as a platform for European Academies to work together and provide independent advice on health and medical matters.

## WHAT ARE NATIONAL ACADEMIES ?

Academies are prestigious national organizations composed of elected members, Academicians.

Academies bring together experts from various fields of medicine to provide independent advice and guidance on health- and medicine-related issues.

FEAM Academies work together to advise on crucial aspects of healthcare and emerging health threats.

To be elected, Academicians are chosen on the merits of their contributions to medicine or science, such as substantial research publications, leadership roles, and peer recognition.

Through its 24 partnering National Academies, FEAM can rely on 4.000 elected members covering a very considerable breadth of knowledge related to clinical medicine biomedical research and health policy. These include cancer, ageing population, pediatrics, antibiotic resistance, One Health, genetic diseases, and others.

15

NATIONAL ACADEMIES  
OF MEDICINE

6

NATIONAL ACADEMIES  
OF SCIENCES \*

2

NATIONAL ACADEMIES  
OF VETERINARY MEDICINE

1

NATIONAL ACADEMY  
OF PHARMACY

\* VIA THEIR MEDICAL SECTIONS

# WITH €100,000, FEAM WILL BE ABLE TO



## COMBAT THE DEVELOPMENT OF INFECTIOUS DISEASES RESISTANT TO CURRENT ANTIBIOTICS

The emergence of microbial strains resistant to all antibiotics is causing fatal "nosocomial" infections.

Identifying new antibiotics and approaches to eradicate current antibiotic-resistant bacteria is a major challenge for the 21st century. This problem is severe in patients with immune deficiencies that urgently need such drugs. As the fruit of multinational academic, university and pharmaceutical collaboration, the fight against new pandemics is a priority for FEAM.

Through its interaction with European decision-makers, FEAM contributes to the fight against emerging microbial and viral infections. With 100,000 €/year, FEAM together with lead member Academies will be able to initiate a European program in the fight against infections.



## IMPROVE THE MENTAL HEALTH OF CHILDREN, ADOLESCENTS AND THE ELDERLY

Consumption of psychotropic drugs is soaring, even among the very young. It doubled between 2010 and 2021. Between 2014 and 2021, it rose by 55.5% for hypnotics, 78.1% for psychostimulants, 62.6% for antidepressants and 48.5% for antipsychotics. These levels of increase are 2 to 20 times higher than those of the general population. Children are far more exposed than adults to psychological suffering and medication. Over-medication affects millions of young Europeans.

FEAM aims to improve the mental health of young people by boosting resources dedicated to child psychiatry and to psychotherapeutic, educational and social approaches for children and their families. Europe has provided resources and know-how in the fields of prevention and care. We need to deploy these practices so that they retain their primacy over drugs.

With €100,000, FEAM together with lead member Academies will be able to initiate a campaign to ensure that nations devote more attention to children's mental health through appropriate policies.



## COMBAT CANCER IN CHILDREN

Most of new drugs approved for cancer target adults. While certain cancers have better prognostic in children, several pediatric cancers remain poorly treatable. With €100,000, FEAM together with lead member Academies will be able to initiate at European level a campaign to stimulate and support research in pediatric cancers, which usually are initiated in the intra-uterine life and differ substantially from adult cancers.



## ACCESS TO MEDICATION

In the past years several countries suffered from a lack of certain medications of frequent use. This substantially affected patient care. With €100,000, FEAM together with lead member Academies will initiate at the European level a procedure to monitor availability of medicines based on disease prevalence and avoid that business or regulatory dysfunctions lead to absence of frequently used medication from pharmacies and hospitals.

# YOUR SUPPORT IS PRECIOUS YOU CAN HELP MAKE THE DIFFERENCE

FEAM is now engaging in fundraising in order to facilitate its major function of using its medical and scientific capacities for the benefit of European Communities

Today, many emerging challenges and innovations require cutting-edge scientific knowledge to be shared in order to make progress towards equivalent healthcare systems, wherever the patient is treated.

While FEAM responds to questions and requests for reports from Governments and European structures, for which funding can be obtained, in several instances FEAM should be able to raise specific questions to Governments and European structures (in a bottom-up manner).

**This is why FEAM is engaging in fundraising from private individuals to support medical progress and biomedical science for the benefit of the European community.**

# SOME OF OUR ACHIEVEMENTS



## **CANCER SCREENING**

FEAM led the Evidence Research Report responding to questions of European Commission to the Scientific Advice Mechanism (SAPEA, Science Advise for Policy by European Academies) on current and future screening priorities, with respect to type of cancers and methods. FEAM permanently monitors progress in genomics techniques to be coupled to early detection of cancer.



## **THE TRANSFORMING FUTURE OF AGEING**

FEAM led Evidence Research Report on Ageing on behalf of SAPEA within the Scientific Advice Mechanism to the European Commission, provided advice on health care for the ageing population, their medical and social needs.



## **ONE HEALTH**

FEAM organized major international conferences on One Health and assembled a committee of 18 experts in Zoonoses, Antibiotic Resistance and Environment. Contributed to and disseminated the online course on "One Health: role in pandemic preparedness, prevention and response".



## **SHARING HEALTH DATA**

FEAM advocated sharing health data for medical and scientific purposes within Europe and internationally and proposed ways forward for rapid sharing.



## **ADVOCATING FOR A EUROPEAN HEALTH UNION**

As the COVID-19 pandemic demonstrated it, EU cooperation enabled all Member States to have equitable access to the best treatments, support and vaccines.



## **PANDEMIC PREPAREDNESS**

FEAM led projects and workshops on vaccination in the EU, especially adult vaccination, cross border health threats, emergency pandemic preparedness, migration and health.



## **HEALTH INEQUALITIES AND MENTAL HEALTH OUTCOMES**

FEAM led the Report on "Health Inequalities from the perspective of COVID-19 impact on vulnerable groups mental health" within the Periscope EU project.



## **RETHINKING REGULATIONS ON PROSTHETICS/MEDICAL DEVICES AND DIAGNOSTIC LABORATORY REAGENTS**

While medical devices and laboratory reagents used for patient treatment and diagnostic need EC certification, the calendar and requirements needed careful evaluation in order to balance effective patient care and progressive EC certification; FEAM and several National Academies proposed solutions that were adopted that prevented disruptions in patient care while progressing on certification.

# MEMBER ACADEMIES

-  Austrian Academy of Sciences
-  Belgian Royal Academy of Medicine (ARMB)
-  Belgian Royal Academy of Medicine (KAGB)
-  Croatian Academy of Medical Sciences
-  Czech Medical Academy
-  National Academy of Medicine of France
-  The French Veterinary Academy
-  The French Academy of Pharmacy
-  German National Academy of Sciences 'Leopoldina'
-  Academy of Athens
-  Hungarian Academy of Sciences
-  Irish Academy of Medical Sciences
-  Israeli National Academy of Science in Medicine
-  Italian Academy of Medicine
-  Lithuanian Academy of Sciences
-  Royal Netherlands Academy of Arts and Sciences
-  Portuguese Academy of Medicine
-  Romanian Academy of Medical Sciences
-  The Academy of Medical Sciences of the Serbian Medical Society
-  Slovenian Academy of Medicine
-  The Royal Academy of Veterinary Sciences of Spain
-  Spanish Royal National Academy of Medicine
-  Swiss Academy of Medical Sciences
-  The UK Academy of Medical Sciences



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## DO YOU WISH TO MAKE A CONTRIBUTION, A LEGACY OR A DONATION TO FEAM?

We would be pleased to meet you  
and give you more information.

**Please contact**

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**FEAM**

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