



# Foundation for the Development of Internal Medicine in Europe

## FDIME

### Activities 2024

Daniel Sereni  
President FDIME



# FDIME

- Created in 2003 by EFIM
- Registered in Switzerland
- Current Management Team:
  - D. Sereni, P
  - R. Pujol and S. Lindgren, VP
  - JW. Elte, SG
  - I. Hatem, Treas.
- Board: F. Bosch, V. Briner , N. Cappellini, L. Dagna, C. Davidson, B. de Halleu, L. Guillevin, R. Palsson



# FDIME Main activities

- Organizes the Clinical Research Seminar
  - 30 000 euros/y budget
  - 300 Young Internists have participated !
- Offers 4 ESIM Bursaries per year
- Supports YI exchange program
- Supports poster prizes at ECIM
- Supports Clinical Research with annual grants

(17 500 euros / y)

jury chairman Pr L. Guillevin



# Research Grant 2024

Two 8750 euros grants

Dr Dmytro Malotiajin, Ukrain

Improving the prediction of heart Failure development in patients with concurrent hypertension, obesity and diabetes mellitus”.

Dr . Romain Guitton , France

“Impact of C5aR1 blockade on biomarkers of kidney injury and kidney outcomes in ANCA associated vasculitis. “

Jury chaired by Prof L.Guillevin



# Support for Young Internists

- Best Posters awards, ECIM 2024 , Istanbul
  - Dr Laura Montes
  - Dr Kevin Chevalier
  - Dr Paula Luque
  - Dr Anadstasia Natsi
- 2 summer ESIM bursaries
  - Dr Joina Dano , Albania
  - Dr Ali Azeez, Irak
- 4000 euros support to the EFIM Young Internists exchange Program



# Clinical Research Seminar

From 9 to 11 October 2024 In Paris

- All expenses covered by the Foundation
- 10 academic speakers
- One patient representative
- Participants
  - 34 applicants
  - 14 accepted
  - 10 countries



# Clinical Research Seminar topics

- Protection of persons in clinical research
- A patient's representative point of view
- How to deal with sample size and power
- Clinical epidemiology
- How to build a clinical trial
- Research in rare diseases



# Clinical Research Seminar topics

- Genetic research in Iceland
- Analyzing a clinical paper
- High yield tips in grant application writing
- Artificial Intelligence tools for therapeutic reasoning support
- Short presentations of their own experience in research by all residents





EFIM

European Federation of Internal Medicine



# FDIME

- **Is the voice of Internists in informing the public on health issues**
  - Newsletters
  - Health communications
  - EFIM-FDIME session in ECIM



# Health Communications 2024

- Acute Low Back Pain
- Do you take too many pills?
- “Long Colds”
- Metabolically healthy obesity
- Dark chocolate and diabetes

[www.fdime.org](http://www.fdime.org)

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# FDIME develops a New Project

- Our goals
  - enhancing quality of care
  - Solve issue of financial dependency on one major donator
- Advice from Consulting firm REACH
  - Attracting donators can only come through developing a new project
  - **FDIME Board and REACH conclusion :**  
PROJECT  
” **IMPROVING DIAGNOSIS IN INTERNAL MEDICINE**”

# Needs for improving Diagnosis in Internal Medicine



- Internists are Experts in Diagnosis  
“Diagnosticians”
- Clinical Diagnosis remains imperfect
  - Medical errors
  - Delayed diagnosis
  - Specificities of Diagnosis in Internal Medical
    - Multi Morbidity
    - Complex situations
    - Rare diseases in adults
    - Increasing complexity of diagnosis procedures



# Why AI ?

- AI has proven capacity to fasten and secure diagnosis in
  - Imaging
  - Pathology
  - Some subspecialties
- Technics like Large Language Models (LLM) and Retrieval Augmented Generation ( RAG) have proven to be extremely powerful tools for
  - Extracting data from massive datasets
  - Combining them
  - Applying their knowledge to a specific task : sorting probabilities of diagnosis for a medical case
  - Chatting with the system provides flexibility ( Q&A)



# What is the Plan ?

- FDIME develops the **“AI enhanced Diagnostic tool in Internal Medicine”**,
- In Collaboration with an IT company using AI
  - **“SQUIRRO”**
  - A 3 phases project
    - 1 Building of prototype : feeding and teaching the system
    - 2 Testing and improving in a small number of IM departments ( Clinical Research approach)
    - 3 Development and testing at a larger scale
- **FDIME finds the financial support**

# EFIM participation



- To Provide scientific resources
- To enable Communication with local internists and national authorities
- To Participate in the Clinical Research setting, evaluation and follow up
- To participate in Ethical and safety Committees
- **EFIM has endorsed the project providing more credibility and legitimacy to the fundraising effort**