







Project details		
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Coordinator	National University of Science and Technology Politehnica Bucharest	

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	Bucharest
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Version	Date	Description	Contributors
V0.1	24.11.2023	First draft	Jana Ghitman
			Cornel Cobianu
V0.2	15.01.2024	Second draft	Mariana Ionita
			Gratiela Gradisteanu
V1.0	V1.0 12.03.2024 Final version for submissio		Jana Ghitman
V 1.U	12.03.2024	Final version for submission	Horia Iovu

### Disclaimer:

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#### ABOUT THE eBio-hub PROJECT

The main objective of **eBio-hub** is to establish a *Center of Excellence in Bioengineering* within the National University of Science and Technology Politehnica Bucharest (POLITEHNICA Bucharest). The goal of **eBio-hub** project is to unlock and foster excellent research in biomedical engineering, capitalizing the existing knowledge in POLITEHNICA Bucharest and integrating with local research and clinical expertise from University of Bucharest, Carol Davila University of Medicine and Pharmacy and local hospitals as well as making use of the state-of-the-art research infrastructure in biomedical engineering (*INOVABIOMED*) by setting up a strong research group and attracting top academics in the field, rising the competitiveness of POLITEHNICA Bucharest research in the European Research Area (ERA).

**eBio-hub** will operate as an interdisciplinary research center at the interface between chemistry, biology, IT, micro and nanotechnology and medicine. The project aims to develop micro, nano and bio-integrated solutions that will address major global challenges in the biomedical field. In this context, eBio-hub will increase the attractiveness and impact of the National University of Science and Technology Politehnica Bucharest through research excellence (illustrated quantitatively and qualitatively through indicators such as publications in peer reviewed journals, national and international collaboration or grants). Furthermore, the project will contribute to the growth of Romanian and EU economy by attracting and nurturing research talents, creating portfolios of intellectual property, supporting the local industry or commercializing new technologies.

The project's sustainability will be insured by research funding procurement for projects, structured cooperation with local or international industrial and public research and educational entities, establishment of a new study field in the doctoral programs at POLITEHNICA Bucharest, PhD summer school and other training programs. By setting a best practice example and through a well-thought outreach campaign the project will stimulate structural changes throughout POLITEHNICA Bucharest.







#### **EXECUTIVE SUMMARY**

This document is a deliverable of the **eBio-hub** project, funded under the Horizon Europe Work Program 2021-2027, Grant agreement 101087007-eBio-hub.

The aim of this document is to provide a general overview of the **eBio-hub** project website and activities performed for dissemination and communication the **eBio-hub** project to different target groups and general public. The deliverable "Website of the project" (D6.2) is produced in M15 as part of Work Package 6 "Dissemination, exploitation, and communication activities".

The website is an interactive environment providing access to all aspects related to the project implementation and progress of the **eBio-hub** project. The website has an intuitive interface and can be easily used, moreover it is linked with the social media accounts of (LinkedIn, Twitter, Facebook, Instagram).

The website contains general information **eBio-hub** about the project, its main goal, research directions and work packages, Scientific Advisory Board and research teams, open positions to recruit the **eBio-hub** team members, information on past and future events organized by the **eBio-hub** team, news, dissemination as well as all public deliverables accomplished within the implementation period.

The document is drafted by the DPD under the supervision of PD, with inputs from all the management team members.







# Website of the Project

### 1. INTRODUCTION

This deliverable presents a summary of the **eBio-hub** project website and activities performed for dissemination and communication the **eBio-hub** project to different target groups as well as to general public. The website is an interactive environment providing access to all aspects related to the project implementation and its progress. The website has an intuitive interface and can be easily used, moreover it is linked with the social media accounts of (LinkedIn, Twitter, Facebook, Instagram).

The website contains central information about the project, its main goal, research directions and work packages, members of the Scientific Advisory Board as well as members of the research team, open positions, information on past and future events organized by the **eBio-hub** team, news, dissemination and communication activities as well as all the list of deliverables accomplished within the implementation period.

The deliverable "Website of the project" (D6.2) is produced in M15 as part of Work Package 6 "Dissemination, exploitation, and communication activities".

**Table 1**. Deliverable foreseen within WP 6 and timeline

Deliv. No.	Deliverable title	Lead beneficiary	Туре	Dissemination level	Due dates
D 6.1	Plan for dissemination, exploitation and communication	POLITEHNICA Bucharest	Report	Sensitive	June 2023 (M6) June 2025 (M30) December 2027 (M60)
D 6.2	Website of the project	POLITEHNICA Bucharest	Report, website	Public	March 2024 (M15)







### 2. eBio-hub: WEBSITE OF THE PROJECT

The **eBio-hub** website is of utmost importance in enhancing the visibility of the project, since it serves as a critical and central communication tool for the wide dissemination of the project activities, deliverables, and outputs. The website offers essential information on the project, such as its concept and objectives, workplan, activities, as well as information about the **eBio-hub** team, publications, news, events, and others. Considering that the website is the mirror of the **eBio-hub**, its sections and subsections are constantly updated with interesting and relevant information for maximizing the project audience. The website is located on <a href="https://ebio-hub.upb.ro/">https://ebio-hub.upb.ro/</a> and it is functional since January 2023.

#### General information

Address	https://ebio-hub.upb.ro
Contact e-mail	ebio-hub@upb.ro
Language	English

#### 2.1. The structure of the eBio-hub website

The structure of the website of the project is presented below:

Name of the section	Content and subsections	
EBIO-HUB/HOME	<ul> <li>About - the main goal of the project</li> <li>Join eBio-hub research team</li> <li>Recent News</li> <li>Last eBio-hub Events</li> </ul>	
PROJECT	<ul> <li>➤ About <ul> <li>Mission</li> <li>Vision</li> <li>Strategy</li> </ul> </li> <li>➤ Description of the project <ul> <li>General Objective</li> <li>Specific Objectives</li> <li>Work Plan</li> </ul> </li> <li>➤ Deliverable</li> </ul>	
TEAM	<ul><li>Scientific Advisory Board</li><li>Research Team</li></ul>	







RESEARCH	<ul> <li>Directions</li> <li>Dissemination         <ul> <li>Research articles</li> <li>Conference publications</li> </ul> </li> <li>Projects         <ul> <li>National Projects</li> <li>European/International Projects</li> </ul> </li> </ul>
NEWS	➤ News
EVENTS	<ul><li>eBio-hub Events</li><li>Other Events</li></ul>
JOIN US	<ul><li>Open Positions</li><li>Closed Positions</li></ul>
CONTACT	<ul> <li>Contact email</li> <li>Location</li> <li>Contact phone number</li> </ul>

### 2.2. eBio-hub website design

The **eBio-hub** website represents the main tool in enhancing the visibility of the project, since it serves as a critical and central communication tool for the wide dissemination of the project activities, deliverables, and outputs. The website offers general information on the project, such as its concept and objectives, workplan, activities, as well as information about the **eBio-hub** team, publications, news, events, other projects, access to open access publications, public deliverable, social media accounts of the project and other useful information.

## 2.3. Detailed presentation of eBio-hub website

The full presentation of the eBio-hub structure along with the organization of each section and subsections is depicted in this section.

At the time of submission of Deliverable 6.2 "Website of the project" M15, the final version of the website is available, and it is fully functional with all the sections completed and updated where necessary/relevant.















### Sections and subsections of the project



D6.2 – Website of the project

www.ebio-hub.upb.ro; ebio-hub@upb.ro





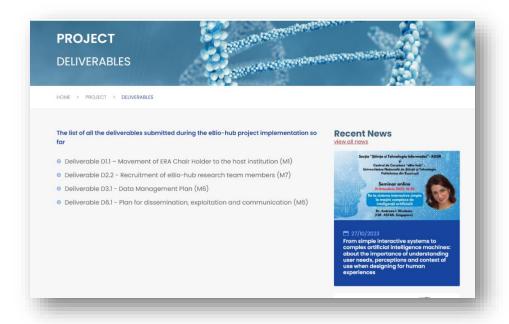








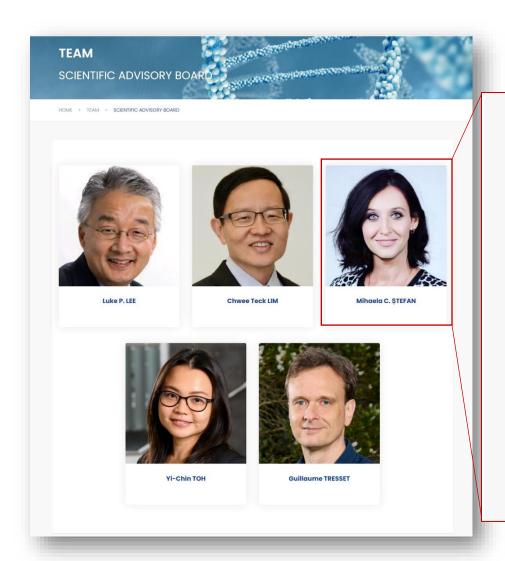














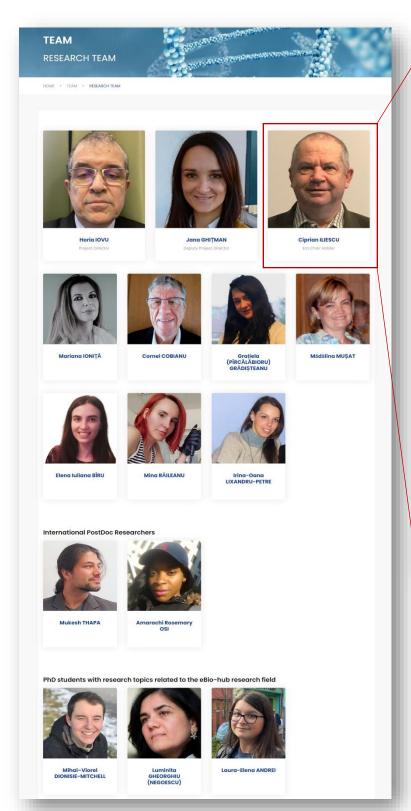
### Mihaela C. ŞTEFAN

Mihaela C. Stefan, is currently a Professor in the Department of Chemistry and Biochemistry at the University of Texas at Dallas. She received her B.S. in Chemical Engineering and Ph.D. in Chemistry from Politehnica University Bucharest, Romania. She joined the Department of Chemistry and Biochemistry at the University of Texas at Dallas in 2007, and she is currently a Eugene McDermott Professor and Associate Dean for Graduate Studies in the School of Natural Science & Mathematics. She also holds a joint appointment in the Department of Bioengineering in the Erik Jonsson School of Engineering and Computer Science. She received the NSF Career Award in 2010, the NS&M Outstanding Teacher Award in 2009 and 2017, the Inclusive Teaching Diversity Award in 2012, the President's Teaching Excellence Award for Faculty Excellence in Undergraduate Research Mentoring in 2015.











### Ciprian ILIESCU

#### Era Chair Holder

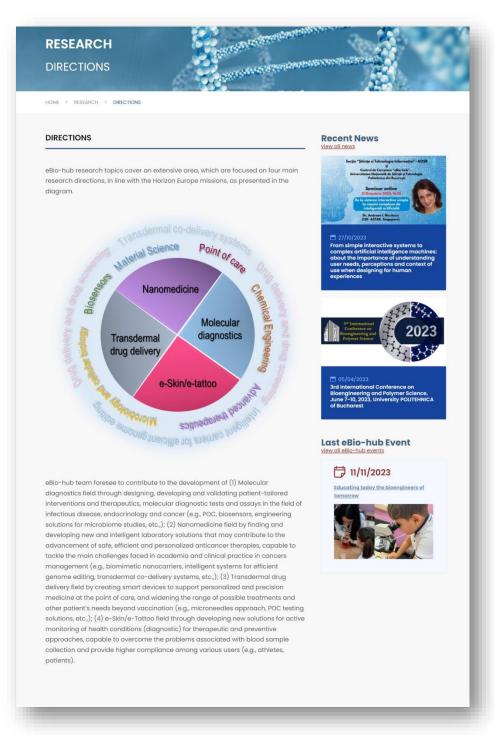
Dr. Ciprian Iliescu-received B.S. and PhD degrees from Polytechnic University of Bucharest in 1989 and 1999 respectively. While pursuing his PhD degree he worked at Baneasa S.A. where he was involved in the design and fabrication of pressure sensors. Between 2001 and 2003 he worked as Post Doc at Nanyang Technological University, Singapore, and was involved in projects related to microphone, wafe level packaging of MEMS devices and RF microrelay. Between 2003 and 2017 he was with IBN, Singapore as Research Scientist and Senio Research Scientist being involved in projects related to drug screening, dielectrophoresis, electrical characterization of cells by impedance spectroscopy, liquid biopsy and transdermal drug delivery using microneedles array. He was also visiting PI @ IMT Bucharest where he set up the "Micro and Nanofluidic lab". He was with BIHHEART @ NUS, Singapore between 2017 and 2019. From 2019 he returned in Romania being affiliated with IMT Bucharest, and Regional Institute of Oncology, Iasi.

His current research projects relate to molecular diagnostic, nanomedicine, transdermal drug delivery and e-tattoo. Dr. Illescu is a member of Academy of Romanian Scientists.





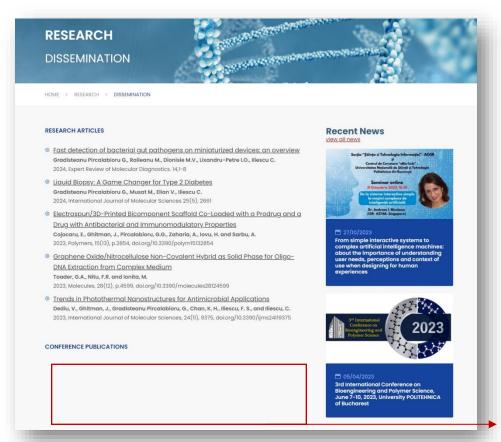










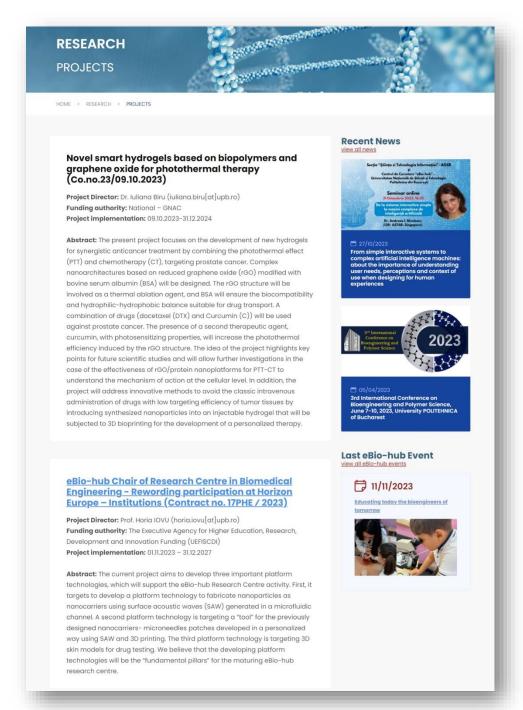


Content will be updated with the information





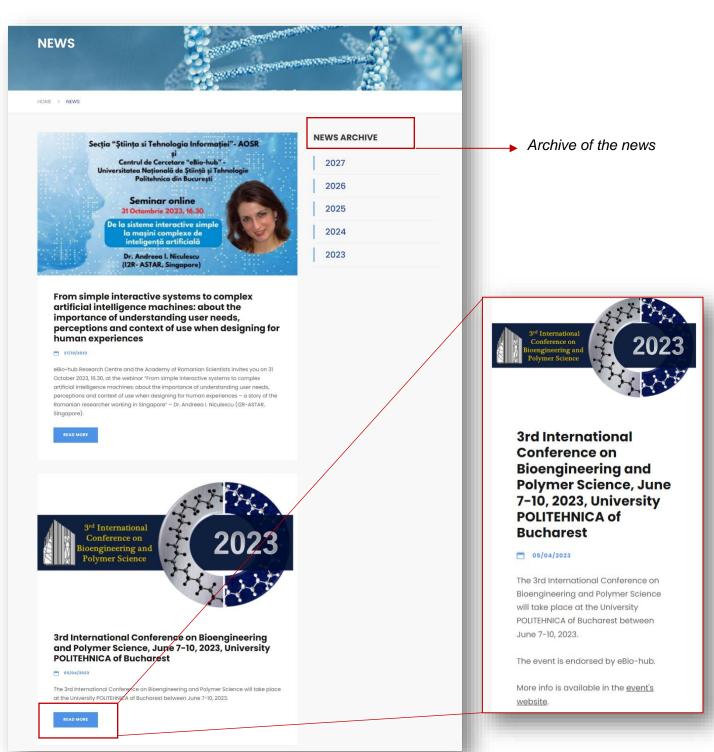










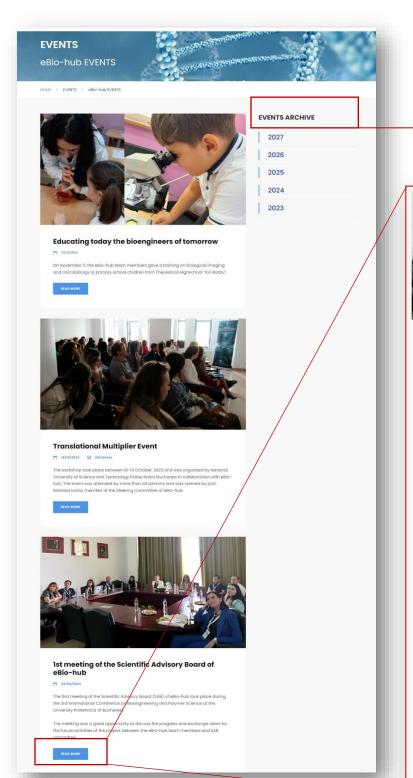


www.ebio-hub.upb.ro; ebio-hub@upb.ro









Archive of the events

# 1st meeting of the Scientific Advisory Board of eBio-hub

Ph 09/06/2023

The first meeting of the Scientific Advisory Board (SAB) of eBio-hub took place during the 3rd International Conference on Bioengineering and Polymer Science at the University Politerhiac of Bucharest.

The meeting was a great opportunity to discuss the progress and exchange views for the future activities of the project between the eBio-hub team members and SAB committee.

In this respect, the Project Director provided an introduction to the eBio-hub Research Center and outlined an ambitious plan to leverage its research activities in order to establish the new PhD program in bioengineering at UPB as foreseen in the project.

ERA Char Holder presented the research strategy along with the main research directions, which will advance the scientific research in biomedical engineering but as well as will toster a culture of research excellence, inclusivity, and diversity through the implementation of best practices. The ERA Char Holder also presented the research performance indicators, including manpower training and publications, that have been established within the project.

Further, the team leaders of each established research directions (molecular diagnostics, nanomedicine, transdermal drug delivery and wearable technologies) talked about the research strategies and activities foreseen to be approached within the project.

The members of SAB committee expressed their views and showed their support in the







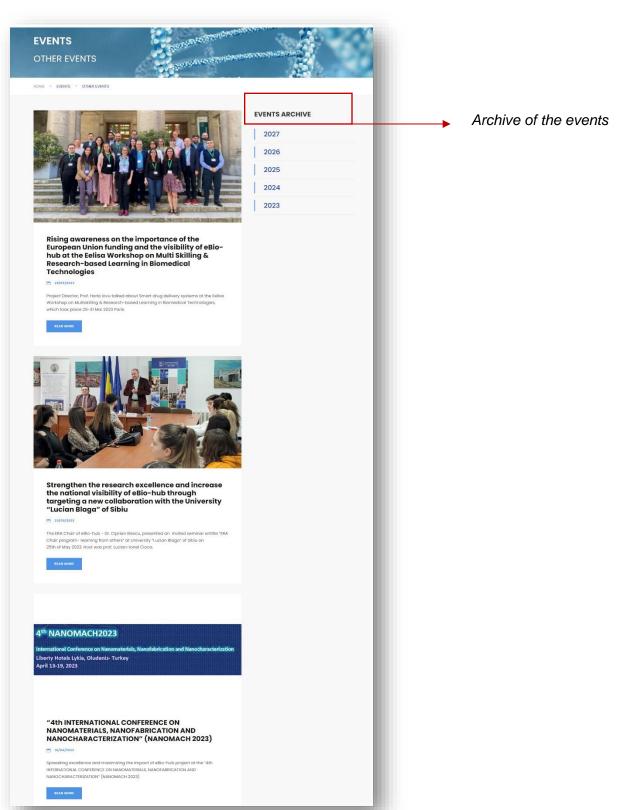


Events are presented in chronological order

















Dedicated space for advertising open positions









Link with social media