

## PARTNERS



**KU LEUVEN**

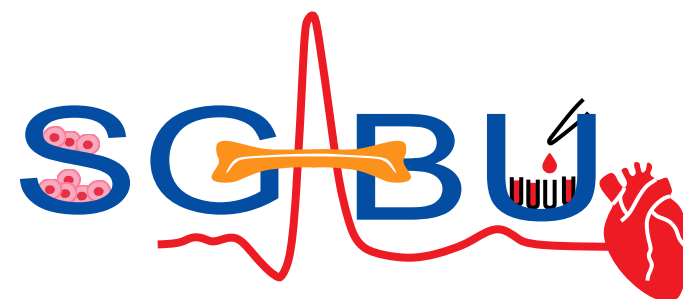


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Increasing scientific,  
technological and innovation  
capacity of Serbia as a  
Widening country in the  
domain of multiscale modelling  
and medical informatics in  
biomedical engineering

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SGABU Project



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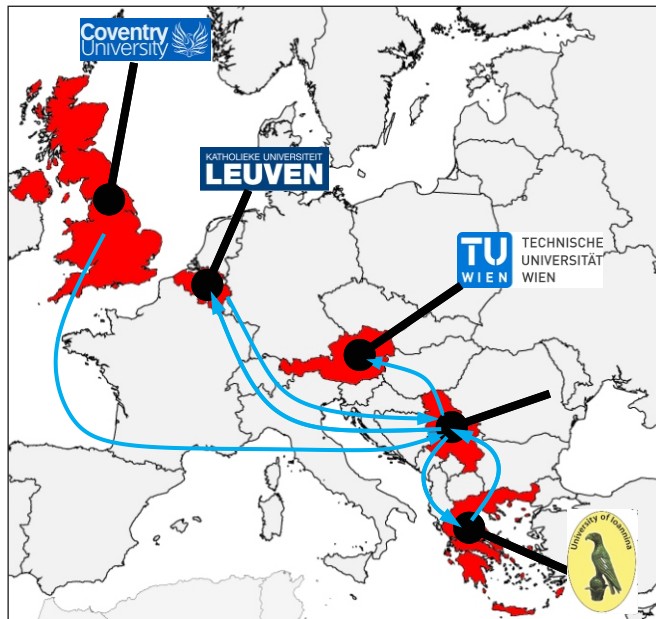


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European Union's Horizon 2020 research and  
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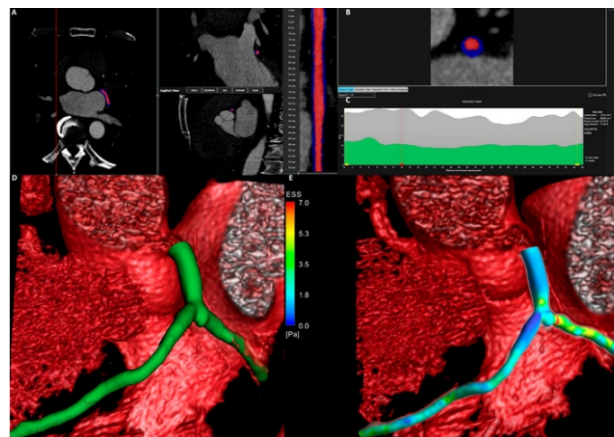
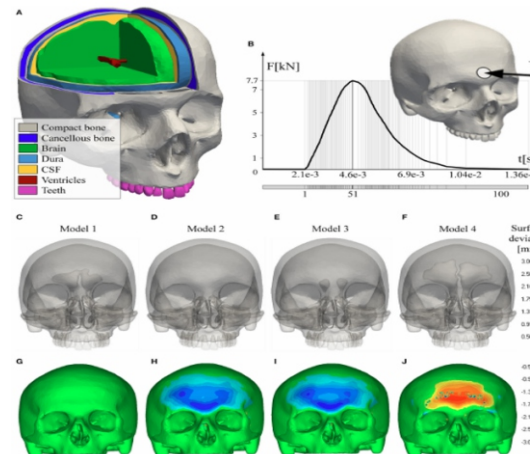
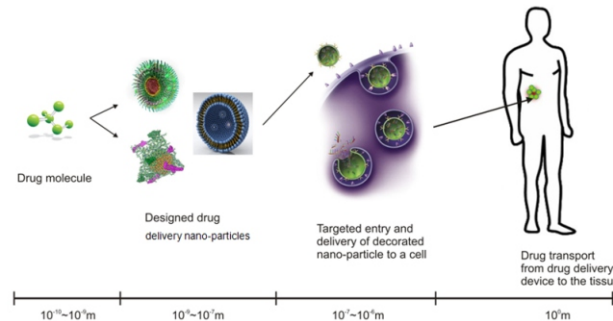


# ABOUT SGABU

The main aim of the Twinning action SGABU (Serbia, Greece, Austria, Belgium, United Kingdom) is to enhance research capacity and capabilities of UKG in the field of bioengineering, as well as raise the research profile of its staff, improve networking activities and exchange through the collaboration with four research-intensive institutions: University of Ioannina, Greece, Technical University of Vienna, Austria, KU Leuven, Belgium and Coventry University, United Kingdom.



# COMPUTATIONAL MODELS



# SGABU OBJECTIVES

## Objective 1. Improve the quality of UKG research

To develop scientific strategy for research and innovation capacity building in the domain of multiscale bioengineering modelling and medical informatics at UKG.

## Objective 2. Make research, development and innovation more relevant to the needs of society in Serbia and all relevant stakeholders

To establish a competitive network in the European Research Area and foster long-lasting partnerships with project partners.

## Objective 3. UKG to become a national and regional leader in the area of multiscale modelling

To empower research staff at all partner institutions through joint project activities to be more actively engaged in sharing and upgrading innovative knowledge for better social impacts.

## Objective 4. Raise the international profile of UKG researchers

To integrate already developed solutions and various datasets related to cancer, cardiovascular, bone disorders and tissue engineering into one multiscale platform.

## Objective 5. Become more competitive within European Research Area

To prepare the ground for future joint and dual PhD studies at UKG.