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CompBioMed

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Topic: Centres of Excellence for Computing Applications

D3.1 Website Release

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Lead beneficiary for this deliverable: *CBK*
Contributors: *CBK, UCL, UvA*

	Project co-funded by the European Commission within the H2020 Programme (2014-2020)	
	Dissemination Level	
PU	Public	YES
CO	Confidential, only for members of the consortium (including the Commission Services)	
CI	Classified, as referred to in Commission Decision 2001/844/EC	

Disclaimer

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1 Version Log

Version	Date	Released by	Nature of Change
V1.0	22/11/2016	Hugh Martin	First Draft
V1.1	29/11/2016	Hugh Martin	Final Draft

2 Contributors

Name	Institution	Role
Hugh Martin	CBK Sci Con	Author
Pragna Kiri	UCL	Editor
Marc Boonstra	UvA	Editor
Peter Coveney	UCL	Editor

3 Definition and Acronyms

Acronyms	Definitions
SME	Small and Medium Enterprises
HPC	High Performance Computing

4   Introduction

Computational methods, based on human biology, are now reaching maturity in the biomedical domain, rendering predictive models of health and disease increasingly relevant to clinical practice by providing a personalized aspect to treatment. Computer based modelling and simulation is well established in the physical sciences and engineering, where the use of high performance computing (HPC) is now routine. CompBioMed is a user-driven Centre of Excellence in Computational Biomedicine, designed to nurture and promote the uptake and exploitation of high performance computing within the biomedical modelling community. Our user communities come from academia, industry and clinical practice.

The CompBioMed Centre of Excellence in Biomedical Computing is distributed in nature, relying on collaboration within the project, and also with external stakeholders. To this end, CompBioMed will develop and coordinate training and dissemination activities that enable us to engage external stakeholders in academia, healthcare and industry with the activities of the project. The success of CompBioMed relies on its messages, developments, activities, and results being disseminated into the biomedical community, and interacting with its user community generally.

At the core of this is the CompBioMed website, where the project is described, its partners are detailed, its activities are reported, helpful contact details are listed, and where there is a repository for the project's training programme and for project-related documents generally. The website can be accessed at the URL **http://www.compbiomed.eu/**

This document, D3.1 Website Release, reports on the public release of the project website, which was successfully delivered within days of the start of the project.

5   Activities Carried Out

The CompBioMed website will act as a focal point for the project's main aims its dissemination and training activities, summarised as follows:

- Disseminate project outcomes online
- Develop training courses and online training materials in collaboration with project software developers and HPC experts
- Grow existing and identify and build new end-user communities in computational biomedical research
- Provide tailored training to academic and industrial researchers, and clinical users
- Raise awareness on the challenges and opportunities of HPC in the field of computational biomedicine with all stakeholders.

The website aims to be clear, informative, and constantly updated with news and upcoming events, to be used as a reference point for the project's on-going activities. It is divided in two sections: a public area and an internal area. The public area is available without signing in and is maintained by the dissemination team. The internal parts require user credentials available to members of the core partners of the project.

5.1   General Layout

The general layout of the CompBioMed website is described in this section. Each page of the project website is headed with the project logo and a menu bar to navigate through each of the website's sub-pages. The header is shown in Figure 1: CompBioMed Website Header below.
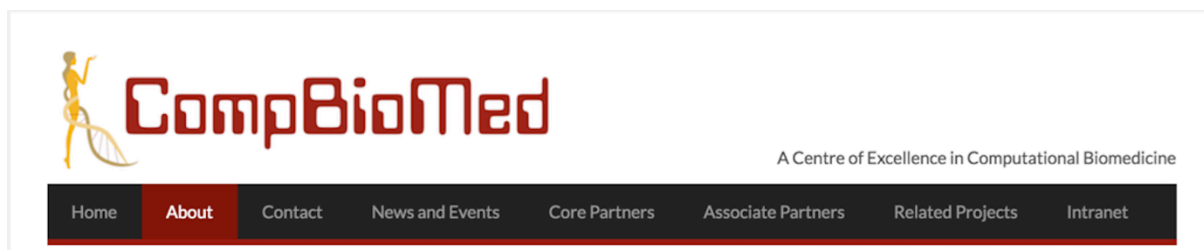

Figure 1: CompBioMed Website Header

The footer of the website contains a disclaimer showing the European Union's Horizon 2020 grant agreement number as well as the European flag, shown in Figure 2: CompBioMed Website Footer.
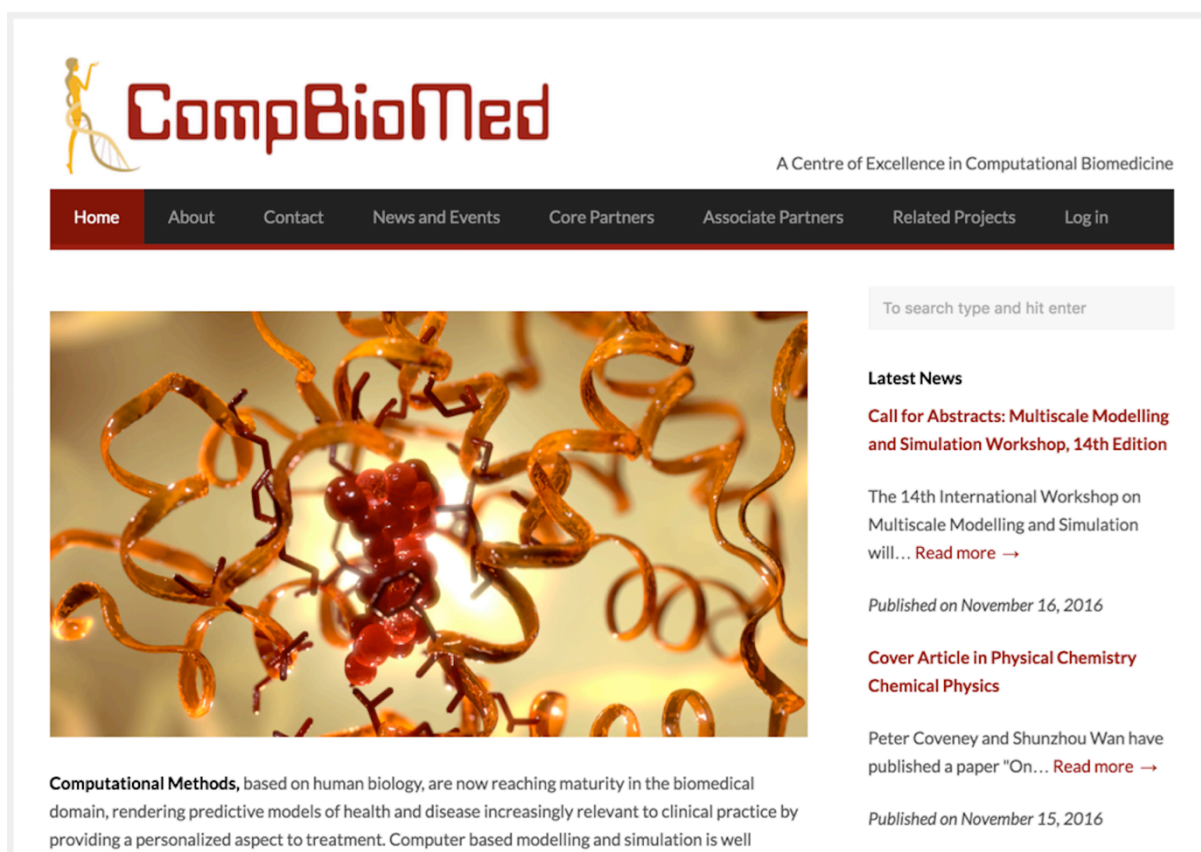

Figure 2: CompBioMed Website Footer

5.2   Main Pages

This section describes the main pages hosted on the project website.

5.2.1   Home

The home page of the website summarises the CompBioMed project, enhanced by visually impressive images. On the right of the page there is a feed of the project's latest news stories, and below that, a feed of the latest tweets from the project's Twitter account (@bio_comp). Below the news and twitter feeds there is a download link to a flyer summarising CompBioMed, and below that a second download link to a flyer that summarises and advertises our relationship with associate partners, inviting them to get involved in the project. The website homepage is shown in Figure 3: CompBioMed Website Homepage below.

Figure 3: CompBioMed Website Homepage

5.2.2 About

The "About" page of the website goes into further detail on the project that were not covered on the home page summary. It describes our activities and relevance to healthcare and the clinic, as well as outlining our three main research domains of cardiovascular medicine, molecularly-based medicine, and neuro-musculoskeletal medicine.

5.2.3 Contact

The "Contact" page gives the main contact email address for the project.

5.2.4 News and Events

The "News and Events" page lists news stories to disseminate project activities. These stories are automatically fed into the home page sidebar in order to ensure that visitors to the website are aware of our activities.

5.2.5 Core Partners

The "Core Partners" page lists the name and logos of each of the partners in the project consortium. The names of each institution act as links to pages that give summaries of that institution.

5.2.6 Associate Partners

The "Associate Partners" page lists the name and logos of each of the associate partners in the project. The names of each institution act as links to the external homepage of the associate partner in question. As a major Centre of Excellent in Horizon 2020, we are keen to form partnerships throughout the world that will strengthen the project's collaborative output. We aim to do this through functional associate partnerships with SMEs, larger companies (e.g. pharma), and academic institutions who are active or have an interest in the field of computational biomedicine.

5.2.7 Related Projects

The "Related Projects" page lists the names and logos of European Union-funded projects that align with CompBioMed's aims and have committed to collaborate with the project. The name of each project acts a link to that project's external homepage.

5.2.8 Intranet

The "Intranet" page hosts the CompBioMed intranet. This page is only accessible to members of the project consortium who have access credentials. At the time of writing, the intranet stores project related slides, templates, High Performance Computing (HPC) documents, and work package-specific folder where each work package may share documents with consortium colleagues.

5.3 Future Plans

The website has been built and released with all of the capabilities that are required at this early stage of the project. In the future, further sections will be added as required. Two such additional sections that are already planned include:

- A section for the public training materials produced by the project, which will be publicly accessible.
- A section listing the scientific and other publications produced during the lifetime of the project; this will also be publicly accessible.

6 Conclusions

A fully functional CompBioMed project website has been created and is available now at the URL http://www.compbiomed.eu/. The website was released within days of the start of the CompBioMed and has played a major role in drawing attention to the project. The website contains all of the functionality and content that the CompBioMed requires at this stage of the project, and has been set up in such a manner as to be easily expanded on in the future as required, with more pages already planned.