



*The **CRE**ation of the Department of Physical Chemistry of Biological Sys**TE**ms [CREATE]*

**666295 — CREATE — H2020-WIDESPREAD-2014-2015/H2020-WIDESPREAD-2014-2**

**The advertisement for technicians – explanation of the grounds for resignation  
from technicians' recruitment at this stage of the project**

[Deliverable D.2.7]

Level of dissemination: Public

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**Professor Maciej Wojtkowski**, the ERA Chair holder and the head of the new Department of Physical Chemistry of Biological Systems enjoys wide range of autonomy at the Institute of Physical Chemistry of the Polish Academy of Sciences (hereinafter: IPC) (as described in many parts of the proposal and Annex 1, Part A to the grant agreement<sup>1</sup>).

After commencing a full review of the research infrastructure and research programme of IPC, Professor Wojtkowski **decided to develop the following research fields on the boarder of biology/medicine, chemistry, and physics:**

#### **Application photonics to biology:**

- **Dynamics of intracellural organnells in vivo**
- **Noninvasive brain imaging**

#### **Physical Optics (fundamental studies):**

- **Spatio -Temporal Optical Coherence manipulation (STOC)**
- **Photothermal imaging**

#### **Application of optics to medicine:**

- **Microscopy and biosensing in microfluidic devices**
- **In vivo cellular imaging**

Undertaking the abovementioned ambitious studies firstly requires setting of the new specialist laboratory within IPC. Therefore, the ERA Chair holder decided to **start with a team composed of PhD students and postdocs only**. At the stage of the establishment and the start of the new laboratory, acquiring a team member disposing of **detailed technical expertise in one or few closely related specific fields is considered as dispensable**. Nevertheless, **after the start of the new laboratory and commencing research works under the specific research project, employment of technician(s) may be justified and will be proceeded.**

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<sup>1</sup> E.g.: table 3.1 a of the proposal ("Work package description"): "The ERA Chair holder will be free to choose his/her Dept. composition and specify requirements towards his/her employees. In the project budget employment of up to 6 persons was assumed – postdocs (2 postdocs) and PhD students (4). "