

We are currently looking for motivated postdoctoral candidates to host at the Institute of Physical Chemistry (Bulgarian Academy of Sciences, Sofia, Bulgaria) under the Horizon Europe Marie Skłodowska-Curie Actions (MSCA) Postdoctoral Fellowships 2026.

Our research team works at the interface of physical chemistry, polymer chemistry, electrokinetics, colloid chemistry, composite nanostructures, microfluidics, and bionanotechnology. Current research topics include:

- Encapsulation, controlled delivery, and release of bioactive molecules (drugs, RNA, proteins, antimicrobial peptides, etc.) using innovative approaches such as layer-by-layer assembly, lab-on-a-chip technologies, and related advanced platforms.
- Investigation of the mechanisms of amyloid peptide aggregation and the development of strategies to prevent or inhibit this process.
- Electrical properties, interfacial phenomena, and stability of colloid–polymer–protein systems.

We offer a highly collaborative and international research environment, access to state-of-the-art facilities, and dedicated mentorship to support fellows in developing their independent research careers.

Eligibility criteria (MSCA Postdoctoral Fellowships 2026):

- Applicants must hold a PhD degree by the call deadline.
- Applicants must have no more than 8 years of full-time research experience after the award of their PhD.
- Applicants must comply with the MSCA mobility rule, meaning they must not have resided or carried out their main activity (work, studies, etc.) in Bulgaria for more than 12 months during the 36 months immediately preceding the call deadline.

Recent PhD graduates or early-career postdoctoral researchers who may be interested in joining our group are encouraged to contact: vmilkova@ipc.bas.bg

To allow sufficient time to prepare a competitive proposal together, we would appreciate hearing from interested candidates by **28 July 2026**. The official MSCA PF 2026 call deadline is **9 September 2026**.

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