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CENTRO NACIONAL DE BIOTECNOLOGÍA (CNB)

JOB OFFER

Two postdoctoral positions open at CNB-CSIC

Two **fully funded** postdoctoral positions in the area of **Structural Biology** are available at Centro Nacional de Biotecnología (CNB-CSIC), Madrid, Spain.

PIs: Mark J. van Raaij, Carmen San Martín

Starting on: June 2023

Contract length: 3 years

Subject: The intelligent design of more efficient adenovirus vectors using structural data.

Tasks: To solve structures of adenovirus particles or adenovirus proteins, alone or in complex with hosts factors. To analyze structures and design changes in proteins to tailor more favorable virus host interactions for efficient targeting and gene delivery.

Requested skills:

> **Position A:** demonstrated experience in protein structure determination. Additional experience in virus structure, protein crystallography or cryo-electron microscopy strongly desired.

> **Position B:** demonstrated experience in protein design / protein-protein interactions. Additional experience in virus structure or protein structure determination strongly desired.

Requirements for both positions:

Applicants should hold a PhD degree in biochemistry, structural biology, biophysics, protein chemistry or a related discipline.

Ability to work independently and efficiently as part of a team.

Well organized with attention to detail and excellent record keeping.

Strong communication skills and fluency in written and spoken English.

Enthusiasm, motivation, and capability to learn new methods.

Problem-solving skills.

Ability to work in an international collaborative research setting.

How to apply: please send to iads@cnb.csic.es a PDF document containing: a cover letter describing your previous research achievements and motivation to apply; your detailed CV including a list of publications and explaining your own contribution; contact information for at least two references (ideally including your PhD supervisor). Please indicate whether you are applying to Position A or B.

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