2 PhD Positions for Chemists Funded by Marie Skłodowska-Curie Actions (MSCA)- INT2ACT

Technion Israel Institute of Technology

Brings together leading universities, research institutes, and industry partners to advance the use of nanotechnology, nucleic acids in personalized medicine

RESEARCH PROJECTS

- **Gene Therapy using Lipid Nanoparticles for Treating Solid Tumors (Position codes: INT2ACT-DC13, and INT2ACT-DC14)**

Candidates will work on the design and development of advanced lipid nanoparticle platforms for mRNA and RNAi delivery in cancer therapy - including chemical synthesis, design of lipids, AI-guided nanoparticle formulation, and targeted drug delivery strategies.

IDEAL CANDIDATE

- Bachelor's and Master's in Chemistry / Chemical Engineering / Biochemistry
- Experience in **organic synthesis**
- Strong English communication skills
- Meets EU mobility rule

KEY INFORMATION

LOCATION

- Technion - Israel Institute of Technology, Haifa, Israel
- Supervisor: Prof. Avi Schroeder

Google Scholar

DEADLINE

31 January 2026

TO APPLY

https://int2act.eu/open-positions/

FOR QUESTIONS

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