CURRICULUM VITAE

PERSONAL DETAILS

Full Name: RozhinSadat AmiriNaeini

Date of Birth: 8th February 2004
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Last Updated: Feb 2032

ACADEMIC QUALIFICATIONS

2022 -2026	B.S. in Chemical Engineering, Sharif University of Technology, Tehran-Iran.
2026 - 2028	M.S in Biochemical Engineering, University of Oxford
2028 – present	Ph.D in Biochemical Engineering, University of Oxford

TEACHING EXPERIENCE

sep.2030 - present Biochemical Engineering, University of Oxford, Oxfordshire-England.

WORK EXPERIENCE

Jan.2028 - 2030	Research assistant of the biotechnology Research laboratory of Ineos , University of Oxford, Oxfordshire-England.
Jan.2030 - present	Biotechnology Researcher of Center for Medicine Discovery (CMD) - University of Oxford, Oxfordshire-England.

PUBLICATIONS & ACADEMIC ACTIVITY

Books:

1) RozhinSadat, A., (2028). Mechanical Properties of Hydrogels and Their Experimental Determination. Oxfordshire, England: …. ISBN: 788-254-88-2586-2.

Journal Articles:

1) RozhinSadat, A., (2032). Molecular Interactions Driving The Layer-by-layer Assembly Multilayers. *Journal of National Institute of Health*. 3(1): 836-227.

Conferences Presentation:

1) RozhinSadat, A. "*Natural Polymers for the Microencapsulation of Cells".* Paper is presented at The 15th International Conference of Russian Federation on Cell Science & Molecular Biology (ICMMRE).Volgograd-Russia. 15-17th March 2026.

Seminars:

1) International Conference on Chemical Engineering & Biochemical Engineering (ICCBE), 27th of February, 2026.

Workshops:

1) Mammalian Cell Culture Technology-Cell Viability Assay (MTT), 19th August 2027 Course Code: MM 03.

Field of Interest:

1) Sequential Click Reactions for Synthesizing and Patterning Three-dimensional Cell Microenvironments.
2) Mechanical Memory and Dosing Influence Stem Cell Fate Research

Expertise in Educational Soft-wares:

1) Expertise in Python
2) Expertise in MATLAB
3) Expertise in Aspen Technology
4) Expertise in Aspen HYSYS
5) Expertise in COMSOL Multiphysics
6) Expertise in Design II for windows
7) Expertise in CHEMCAD
8) Expertise in ASCEND

Membership in Academic Societies:

Since 2022 Member of the Women in STEM Association

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