

**We are HIRING to drive**

***Research & Innovation***

**Send your resumes to**

**[careers@uratpx.com](mailto:careers@uratpx.com)**



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THERAPEUTICS**

Engineering Personalized Medicine

## **Research Scientist (3D Bio Printing, Micro Fluidics & Organ-on-Chip):**

**Number of Positions: 1**

**Qualifications:** PhD with 2 year's experience

### **Required Skills:**

- Develop and optimize **3D bioprinted models** for tissue engineering and regenerative medicine applications.
- Design and fabricate **microfluidic chips** integrated with sensor technologies for advanced diagnostic solutions.
- Collaborate on interdisciplinary projects involving **biomaterials, cell culture, and engineering** to create next-generation devices.



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- Conduct experimental research and data analysis to evaluate device performance.

## Qualifications

- Ph.D. in **Biomedical Engineering, Material Science, Biotechnology, Mechanical Engineering**, or related fields.
- Hands-on experience in **3D bioprinting, microfabrication, or sensor integration**.
- Strong background in **microfluidic device development** and **diagnostic technologies**.
- Proficiency in **CAD software, 3D printing technologies**, and **microfluidic fabrication techniques** (soft lithography, photolithography).
- Demonstrated ability to work in interdisciplinary teams and publish in peer-reviewed journals.
- Creative problem-solving skills and a passion for innovation in healthcare.



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## **Research Scientist (Bioinformatics):**

**Number of Positions:** 1

**Qualifications:** MTech/PhD  
(Computational Biology / equivalent)

**Required Skills:** Expert with understanding of protein/peptide structure function relationship, modeling de-novo structure, dynamics and conformation analysis. Understanding of statistical mechanics principles and quantum chemical simulations. Relevant experience in machine learning concepts. Proven proficiency in Python. Expertise with computational algorithms and statistics to analyse various properties of proteins.



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