Medical Biotechnology Internship

Welcome to our advanced medical biotechnology internship program, where pioneering minds converge to push the boundaries of scientific exploration and healthcare innovation.

Our internship stands as a gateway to an immersive journey within the dynamic realm of cutting-edge biotechnological advancements in medicine. Designed for forward-thinking individuals hungry to delve into the intricate intersections of biology, technology, and healthcare, this program offers an unparalleled opportunity to engage with trailblazing research and real-world applications that redefine the landscape of modern medicine.

Embark on a transformative experience curated to challenge conventional paradigms and foster the development of disruptive solutions. Under the guidance of esteemed mentors and alongside multidisciplinary teams, interns will navigate the frontiers of genetic engineering, precision medicine, nanotechnology, and computational biology, among other groundbreaking domains.

Immerse yourself in an environment pulsating with innovation, where curiosity fuels exploration and scientific rigor meets inventive flair. Through hands-on projects, collaborative initiatives, and access to state-of-the-art facilities, interns will not only contribute to ongoing scientific endeavors but also shape the future of healthcare.

Join us in this pursuit of excellence, where the amalgamation of theoretical knowledge and practical application propels the next generation of biotechnological advancements. Dare to explore, challenge the unknown, and be part of a transformative journey that transcends boundaries and propels medical biotechnology into uncharted territories.

Are you ready to become an architect of change in the ever-evolving landscape of medical biotechnology? If so, seize this opportunity and embark on a transformative internship that will not only shape your future but also redefine the future of healthcare.

Focused Research Areas under Medical Biotechnology for Internship candidates:

1. **Nano-robotic Drug Delivery Systems:** Designing nanoscale robots for targeted drug delivery to specific cells or tissues within the body, enhancing treatment efficacy while minimizing side effects.
2. **Personalized Organ Printing:** Advancing 3D printing technology to create personalized,

functional organs for transplantation, reducing organ donor shortages.

3. **Brain-Computer Interfaces for Neurological Disorders:** Developing advanced interfaces that allow direct communication between the brain and external devices to aid in treating conditions like paralysis or neurodegenerative diseases.
4. **Genome Editing for Enhanced Human Traits:** Ethically exploring the use of genome editing techniques to enhance specific human traits or capabilities, such as improving memory or extending lifespan.
5. **Artificial Intelligence in Diagnostics and Treatment Planning:** Creating AI-driven systems that analyze vast amounts of medical data to assist in faster and more accurate disease diagnosis and treatment planning.
6. **Synthetic Biology for Designer Vaccines:** Using synthetic biology to design vaccines quickly and specifically tailored to individual or emerging infectious diseases.
7. **Implantable Biomedical Sensors:** Developing advanced sensors that can be implanted in the body to continuously monitor health parameters, allowing for early detection and intervention in diseases.
8. **Gut Microbiome Engineering:** Manipulating the gut microbiome through probiotics or genetic engineering to enhance overall health and treat various conditions, including metabolic disorders and autoimmune diseases.
9. **Human-Machine Integration for Prosthetics:** Integrating robotics and neural interfaces to create prosthetics that mimic natural limb movements and provide users with sensory feedback.
10. **Bioinformatics for Predictive Preventive Medicine:** Using sophisticated algorithms and big data analytics to predict disease risks at an individual level, enabling proactive preventive measures.
11. **Cancer Epigenetics:** Investigating how epigenetic modifications contribute to the initiation, progression, and treatment response in various cancers.
12. **Epigenetic Editing Techniques:** Developing tools and methods for precise modification of epigenetic marks for therapeutic purposes.
13. **Epigenetic Clocks:** Developing and refining methods to measure and interpret epigenetic changes to assess biological aging and disease risk.
14. **Epigenomic Variation in Disease:** Studying how epigenetic differences between individuals or populations contribute to disease susceptibility and treatment response.
15. **Epigenetic Modifications and Neurological Disorders:** Understanding the role of epigenetics in neurodegenerative diseases, neurodevelopmental disorders, and mental health conditions.
16. **Epigenomics in Immunology:** Investigating epigenetic regulation of immune cell function, immune responses, and autoimmune diseases.
17. **Environmental Epigenetics:** Exploring how environmental factors, such as diet, stress, pollutants, or lifestyle, influence epigenetic modifications and health outcomes.
18. **Epigenetics in Regenerative Medicine:** Utilizing epigenetic knowledge to manipulate cell fate for tissue engineering, organ regeneration, and personalized medicine.
19. **Epigenetic Biomarkers for Disease Diagnosis and Prognosis:** Identifying and validating epigenetic markers as indicators of disease presence, progression, or treatment response.
20. **Epigenetics and Aging-related Diseases:** Investigating how epigenetic changes influence age-related conditions, such as cardiovascular diseases, diabetes, and frailty.

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Please contact for more details or focused areas.

Fee Structure

Note 1: Fee mentioned below is per candidate.
Note 2: Fee of any sort is NON REFUNDABLE once paid. Please cross confirm all the details before proceeding to fee payment

2 Days Total Fee: Rs 1800/-
Reg Fee Rs 540/-
5 Days Total Fee: Rs 3360/-
Reg Fee Rs 1008/-
10 Days Total Fee: Rs 5000/-
Reg Fee Rs 1500/-
15 Days Total Fee: Rs 7895/-
Reg Fee Rs 2369/-
20 Days Total Fee: Rs 11667/-
Reg Fee Rs 3500/-
30 Days Total Fee: Rs 18529/-
Reg Fee Rs 5500/-
45 Days Total Fee: Rs 28235/-
Reg Fee Rs 5500/-
2 Months Total Fee: Rs 35000/-
Reg Fee Rs 5500/-
3 Months Total Fee: Rs 53333/-
Reg Fee Rs 5500/-

4 Months Total Fee: Rs 70833/-
Reg Fee Rs 5500/-
5 Months Total Fee: Rs 89167/-
Reg Fee Rs 5500/-
6 Months Total Fee: Rs 106667/-
Reg Fee Rs 5500/-
7 Months Total Fee: Rs 125000/-
Reg Fee Rs 5500/-
8 Months Total Fee: Rs 142500/-
Reg Fee Rs 5500/-
9 Months Total Fee: Rs 160000/-
Reg Fee Rs 5500/-
10 Months Total Fee: Rs 178333/-
Reg Fee Rs 5500/-
11 Months Total Fee: Rs 195833/-
Reg Fee Rs 5500/-
1 Year Total Fee: Rs 214167/-
Reg Fee Rs 5500/-

Please contact +91-9014935156 for fee payments info or EMI options or Payment via Credit Card or Payment using PDC (Post Dated Cheque).