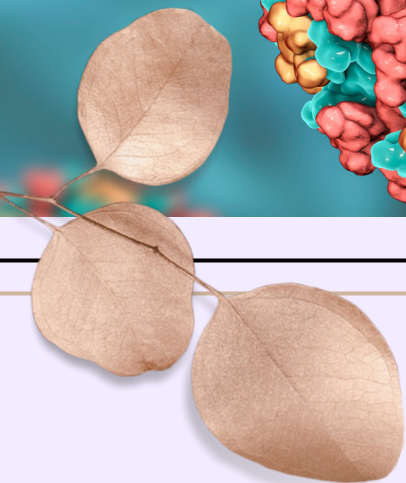
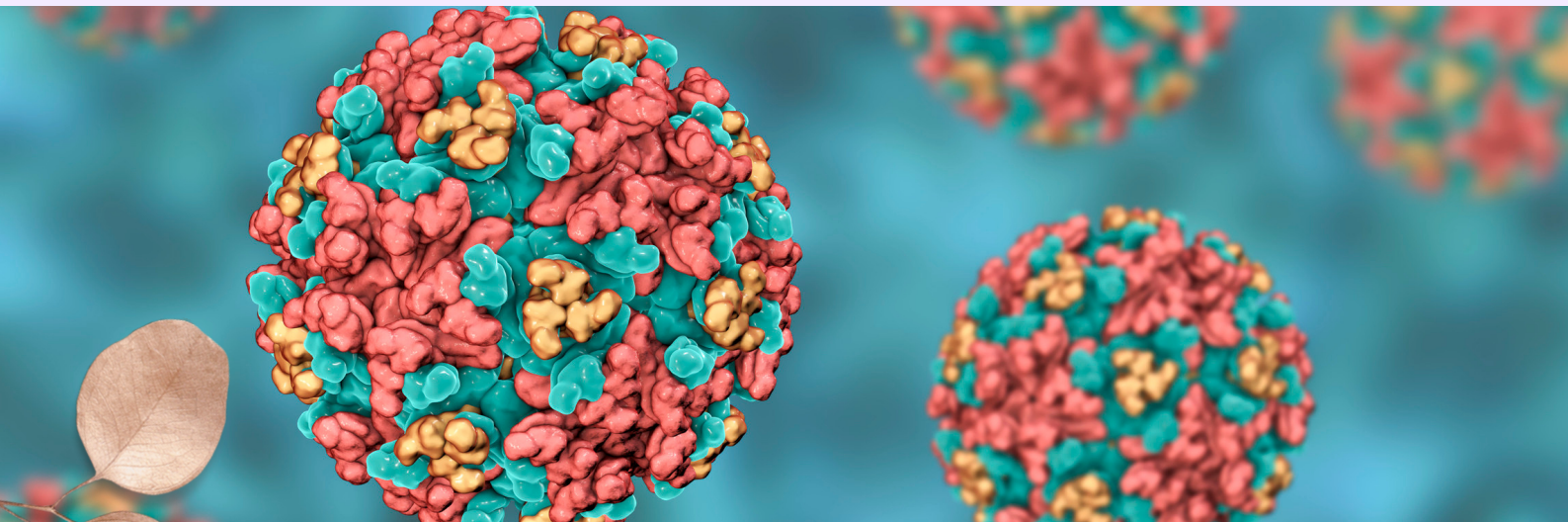
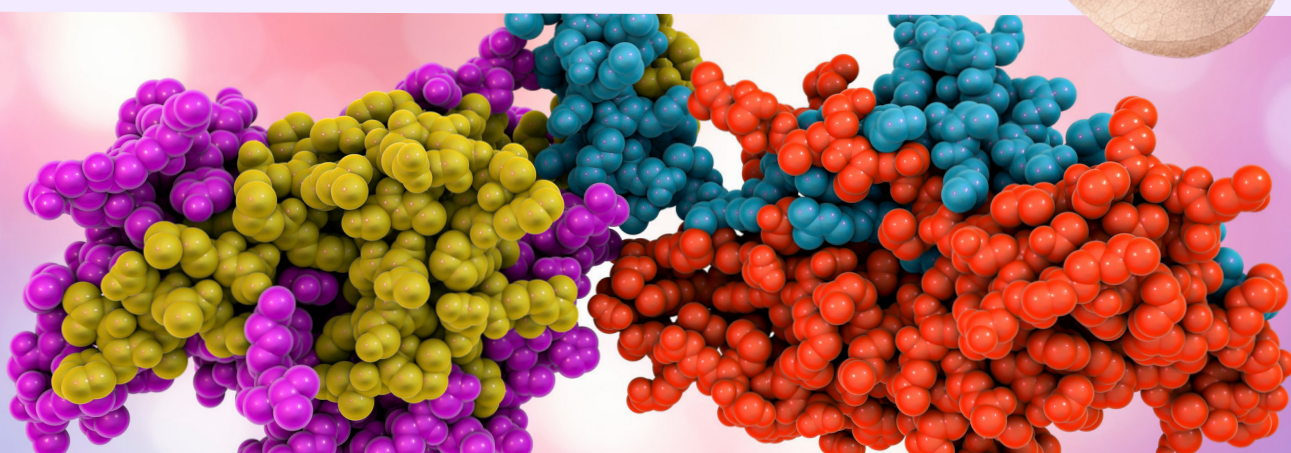
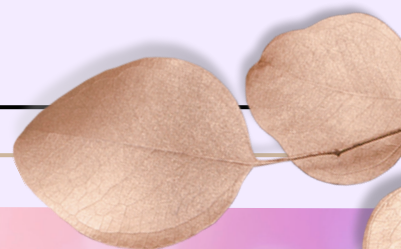


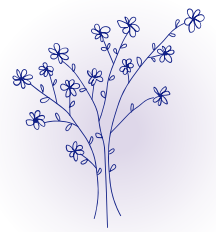
Dr. Omics Labs
The Doctor of your DNA



BIOINFORMATICS MEETS DRUG DESIGN

6 WEEKS OF CUTTING-EDGE CADD
INTERNSHIP





Welcome to Our Program

At Dr.Omics Labs, we're delighted to offer you an extraordinary journey into the world of Industrial Bioinformatics and Computer-Aided Drug Designing. Join us and make a significant impact on the future of drug discovery and bioinformatics research.



About us

Dr.Omics Labs is a leading institution dedicated to advancing bioinformatics, genomics, and proteomics research. Their Industrial Bioinformatics Long-term Internship program provides a combination of coursework and hands-on project experience to equip individuals with the necessary skills and knowledge to excel in the field.

Key Program Features

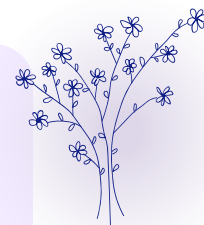
- Comprehensive coursework in CADD techniques.
 - Hands-on experience with cutting-edge software and tools.
 - HR sessions to get you ready for interviews.
-



Coursework Overview

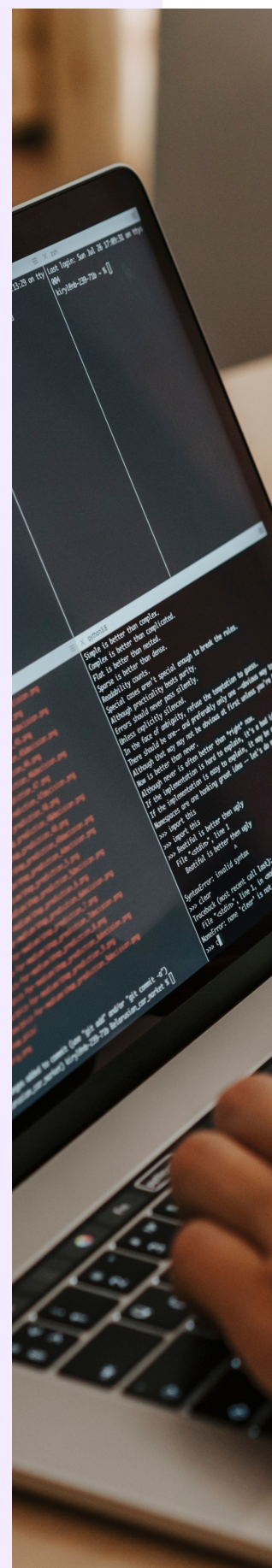


1. Machine Learning in Drug Designing
2. HR Session (5 Days)



MACHINE LEARNING IN DRUG DESIGN

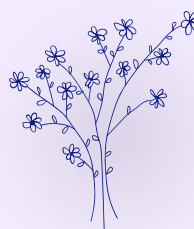
- **Introduction to Machine Learning**
 - Basics of machine learning
 - Supervised, unsupervised, and reinforcement learning
 - Hands-on: Learn the basics with the scikit-learn library in Python.
- **Data Preprocessing for Drug Design**
 - Data cleaning and feature selection
 - Handling molecular data
 - Hands-on: Use Pandas and NumPy for data preprocessing.
- **Machine Learning Models for Drug Design**
 - Regression and classification algorithms
 - Deep learning in drug discovery
 - Hands-on: Implement machine learning models using scikit-learn and TensorFlow/Keras.
- **Applications of Machine Learning in Drug Design**
 - Predicting drug-target interactions
 - QSAR modeling
 - Hands-on: Apply machine learning to real datasets with RDKit and Cheminformatics.
- **Drug Optimization and Lead Identification**
 - Structure-activity relationship (SAR) analysis
 - De novo drug design using ML
 - Hands-on: Use RDKit for SAR analysis and explore de novo design tools





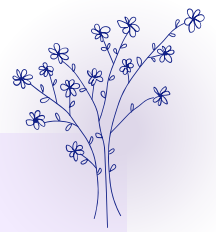
Program Structure

- **Duration: 6 Weeks**



Gain expertise in CADD techniques

- **6 Weeks of In-Depth Learning**
 - **Data Mining and Analysis:** Extract valuable insights from biological datasets.
 - **Molecular Modeling:** Utilize advanced techniques in computational drug design.
 - **Collaboration:** Work in multidisciplinary teams, fostering effective communication skills.
 - **HR Session:** To assess your communication skills, teamwork, and fit with the company culture.
-



FREQUENTLY ASKED QUESTIONS

Q: Are these courses suitable for those new to the field without prior experience?

A: Yes, our courses are designed to cater to beginners with no prior experience in the field. We provide foundational content suitable for all skill levels.

Q: Will I receive a certification upon completing the course?

A: Absolutely, a digital certificate will be awarded upon course completion. You'll receive this certificate via email.

Q: Do the courses include practical projects and research opportunities?

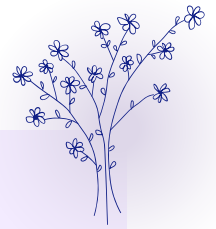
A: Certainly, our courses incorporate practical projects and research opportunities to ensure hands-on learning and the practical application of acquired knowledge.

Q: Can I access class recordings if I miss a class?

A: Yes, class recordings are available. We'll send you the recording link via email if you miss a class, typically on the day following the live session.

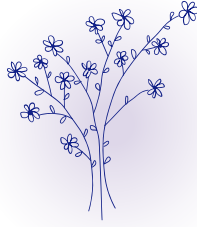
Q: Can I continue to access course materials and resources after finishing the course?

A: Absolutely, you'll retain access to course materials and resources even after completing the course. These materials will be shared with you via email or WhatsApp.



TERMS AND CONDITIONS

- Maintaining Discipline during the Tenure.
 - It is mandatory to maintain 85% attendance for all students.
 - Students must maintain an average 'A2' grade throughout their training period.
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Need more insight & support?

CONTACT US!



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South-West Delhi-110030.

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 www.dromicslabs.com

Thank you!



Dr. Omics Labs
The Doctor of your DNA

OUR CERTIFICATIONS & GRANTS

