

# GoldenCyto Chromosome Training Landing Page

## GOLDENCYTO

Chromosome & Cytogenetics Training Platform

Next-Generation Cytogenetics Training

## Interactive Chromosome Training For Laboratory Experts

Master karyotyping, abnormal cases, and prognostic markers through real-world case simulations built for cytogeneticists.

[View Training Plans](#)

[Explore Simulator](#)

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## Key Platform Highlights

- 25+ Years of Experience
  - 100% Interactive Platform
  - 500+ Clinical Cases Solved
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## Comprehensive Training Curriculum

Our curriculum spans from basic chromosome recognition to complex oncogenetic translocations and reporting standards.

# Karyotyping Basics

Learn to identify chromosome morphology, banding patterns, and build accurate normal layouts.

- 24 Normal chromosome slide sets
- Centromere positioning index
- Banding resolution benchmarks

# Constitutional Abnormalities

Deep-dive into prenatal and postnatal genetic disorders, trisomies, and structural modifications.

- Down, Edwards, and Patau screens
- Sex chromosome aneuploidies
- Robertsonian translocations

# Hematologic Malignancy

Master prognostic translocation risk markers and identify crucial cancer mutations.

- t(9;22) BCR-ABL1 classification
- t(15;17) PML-RARA identification
- Risk-stratified prognostic reporting

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# Virtual Karyotype Interactive Sandbox

Drag, align, and pair clinical-grade chromosome representations. Experience progressive difficulty algorithms that adapt to your knowledge levels—from entry-level to Ph.D. mastery.

Unlock Full Sandbox

# Beta Simulator Preview

- Chr 1
  - Chr 2
  - Chr 3
  - Chr 4
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## Flexible Training Plans

Select the optimal learning path suited to your personal training or institutional budget requirements.

### Individual / Beginner

....,.... IRT / Month

Suitable for beginners launching a career and aiming for professional upskilling.

- Comprehensive modules access
- 24 Normal chromosome slide sets
- 1 Full 100-Question CAT exam
- Mobile friendly interface
- Email support

Get Started

### Professional / Advanced

\$... / Year

Optimized for professionals pursuing formal laboratory certificates & degrees.

Recommended

- Everything in Individual Plan
- Advanced cytogenetic challenges
- Progressive difficulty (Intro to Ph.D.)

- Priority support & diagnostics
- Unlimited Golden Chromosome (Post-Beta)
- Career guidance & updates

Upgrade to Pro

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## Frequently Asked Questions

### What payment methods are supported?

We support domestic Toman payments for local individual plans and international gateway options for professional certification pathways.

### How does the progressive difficulty simulator work?

The simulator evaluates your speed and accuracy in karyotype sorting, adapting the next karyotype's translocation complexity based on your answers.

### Will I get a certificate upon course completion?

Yes, our Professional/Advanced plan includes certificate options aligned with international diagnostic lab parameters (e.g. ISO 15189 reference points).

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## Footer

GOLDENCYTO

Global educational solutions for cytogenetics and molecular biology diagnostics.

Supported by Golden Genes.

## Quick Links

- Curriculum
- Simulator Beta
- Pricing Plans

## Contact Details

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