

# Evolution & Future Trends in **Diagnostics**





## Past Trends

### Plasma-Mimicking Media

Advanced media replicating human plasma

### Automated Cell Counter

Automated devices for analyzing individual cells

### Simplified Gene Analysis

Streamlined workflows for genetic and protein analysis

### Boosted Sensitivity

Enhancing accuracy and detection capabilities



## Current Trends

### AI Proteomic Analysis

AI-driven analysis of  
genomes and proteomes

### AI Genomic Sequencing

AI applications for improved  
genomic sequencing

### Single Cell Tech

Techniques for single-cell  
studies in cellular and  
cancer research

### Mass Spectrometry

Analyzing Biological  
Structures with Mass  
Spectrometry



# Future Scenario

## DNA Origami

DNA-based 3D  
nanostructure formation

## Microbiome Analysis

Analyzing microbial  
communities

## Digital PCR for Mutations

High-Precision Detection  
of Rare Mutations Using  
Digital PCR

## Ultrafast PCR

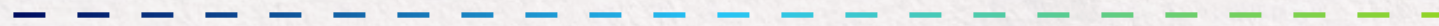
Rapid and non-invasive  
PCR techniques





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