



# Genet

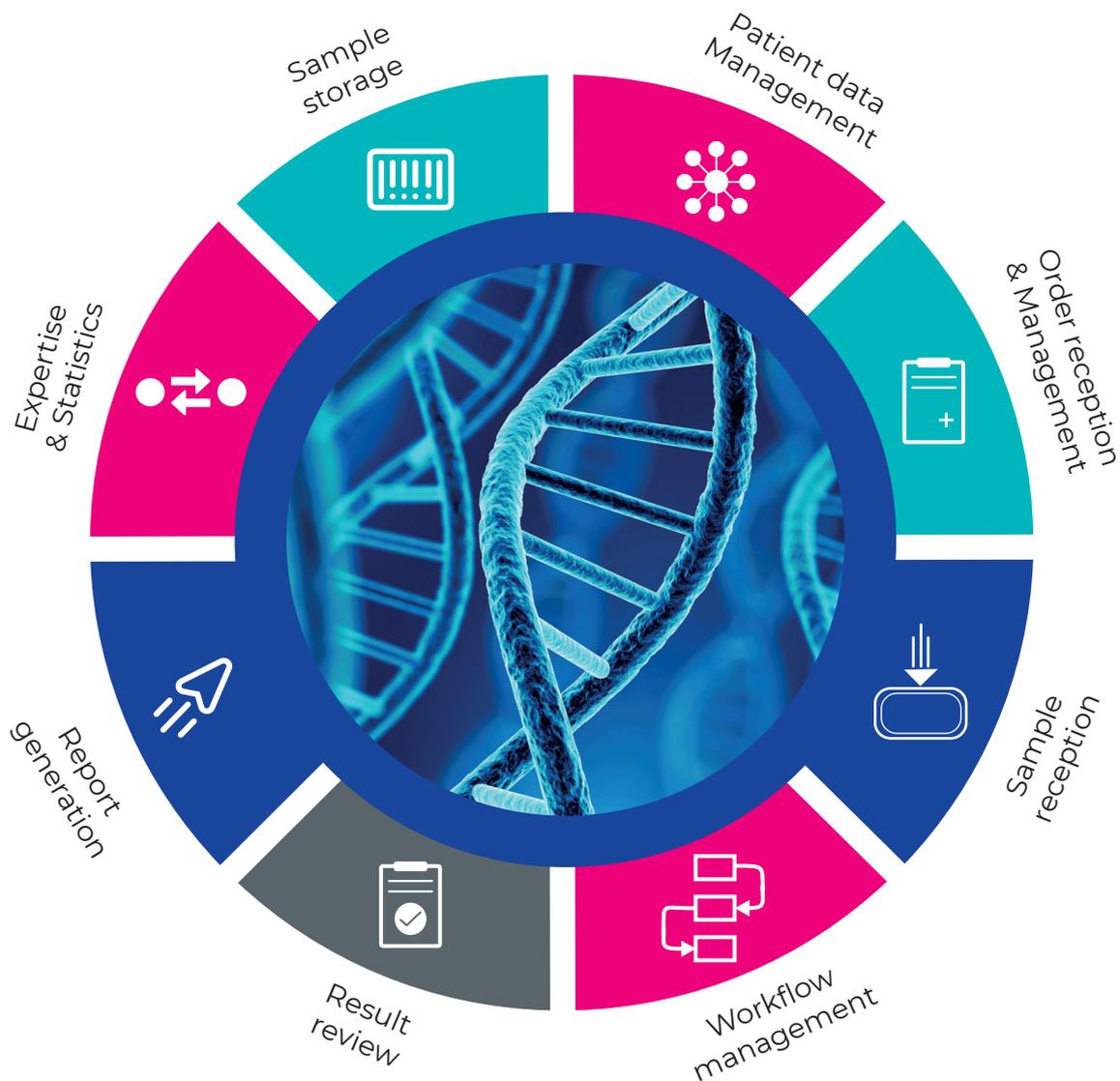
A secured and dedicated solution to perform molecular genetics, cytogenetics and clinical genetics.

# BENEFIT FROM A CUSTOMIZED AND SECURE



## YOUR PATIENTS... OUR SOLUTIONS FROM DEMAND TO DIAGNOSTIC

- A sharp increase in genetic testing activities has meant that reliable, high-performance IT tools are essential to ensure the security of data and comply with regulatory requirements.
- Designed and created by geneticists, <sup>TD</sup>Genet is a fully integrated solution that supports all of the workflows found in genetics laboratories.
- It allows you to gather all of your data in one place: patient case histories, appointments, examinations results and statistics.



# SOLUTION DESIGNED FOR YOUR NEEDS

## TD GENET PROMOTES CONFIDENCE IN RESULTS WHILE OPTIMISING LAB PERFORMANCE

### A dedicated solution for genetics laboratories

- A patient-centric solution with clinical consultation and patient and family management
- Dynamic pedigree trees
- Batch testing and microwell plates management
- Management of the analytical stage, from sample preparation to result reporting and interpretation
- Built in sample storage for location management at every stage
- Legacy data import tool

### A customizable solution

- **Intuitive graphical workflow creation**
  - Customize analytical techniques to suit your work methods
  - Determine and personalize levels of traceability according to your specific analytical processes
- **Customized form creation tool**
  - Design and personalize forms to suit your needs
  - Attach customized forms to patient, family or sample files
- **Query tool**
  - Exploit data
  - Query and data extraction module

### Interoperability

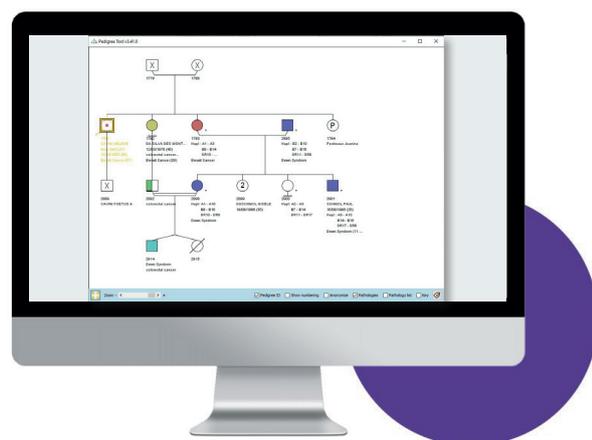
- Standard communications based on HL7 protocols (interfaces with hospital Information Systems)
- Automatic request creation
- Interfaces with a range of instrument types such as next generation sequencing, molecular biology, images analyzers, etc

### Data Security

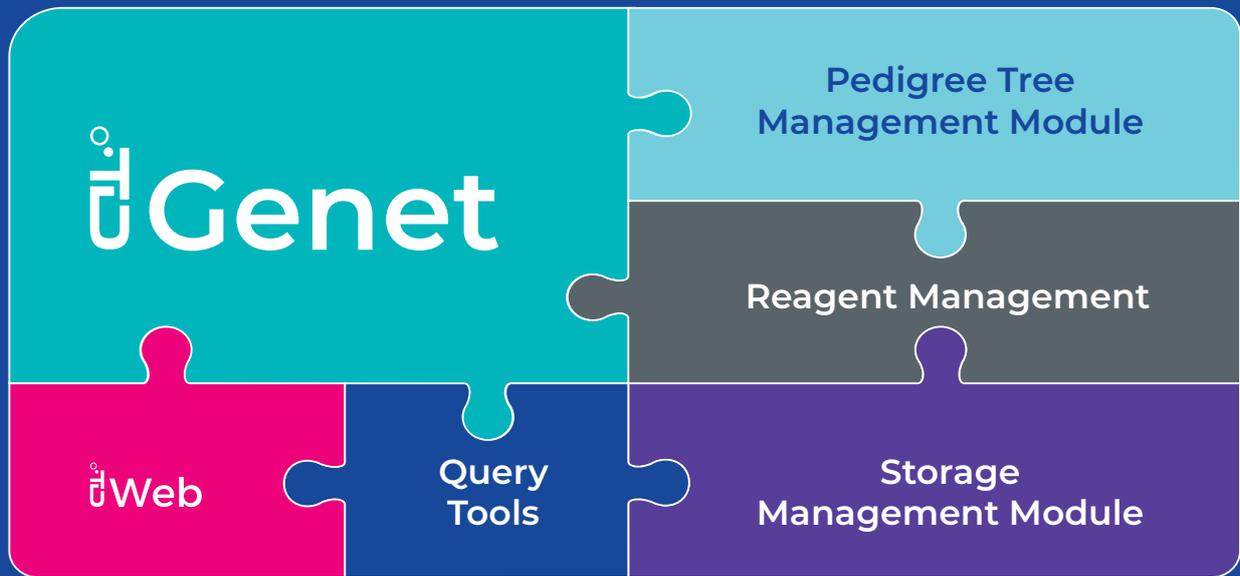
- Features to comply with data protection directives
- Compatible with hosting providers in personal health data
- Labeling for secure specimen identification positive

### Facilitating ISO 15189 accreditation

- Full traceability
- Integrated non-conformity management tools
- Technical and clinical procedures for result review



# TD GENET MODULES



## → Pedigree Tree Management Module: address the family dimensions of clinical genetics

Graphical representation of the family history.

Link the Patient file or patient's blood relatives to the Family file.

Draw pedigree charts directly after consultations by using the tool palette that follows the Bennett nomenclature.

Identify pathologies for every family members.

## → Stock Management: track reagent and probe stocks

Follow the quantity of samples, reagents, cytogenetic probes, molecular probes and biochips.

Track biological solutions by collecting information for each batch received or reconstituted product.

Trace and record use of every batch in test workflows.

## → Storage Management Module: sample storage location management at every stage

Sample storage management is provided where necessary during the workflow.

All types of samples can be stored for different reasons, either for short periods of time, until they can be used as part of a batch, or longer periods of time, in case tests needs to be redone.

Labels can be printed for any sample directly from TDGenet at any time.

Positions in the fridge can be reserved by the user.

## → Query Tools: straightforward to data

Query and data extraction module :

- Monitor lab activity
- Access data for research purpose

Exploit data with user-friendly and ergonomic query tool.

A simple click to create simple or complex queries from any field in the application.

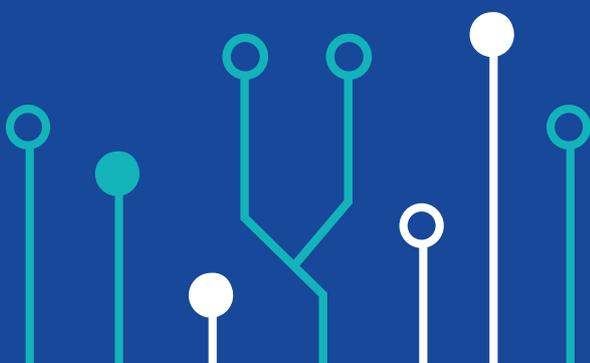
## → TD Web : consult results at patient's bedside

Consult results from several disciplines (biology, microbiology, histo-cytology, genetics).

Optimise sample management and offer real-time access to results.

Respect patient privacy.

Manage all information from one entry point.



# KEY FIGURES



**25+ countries**  
in our network



**30+ years**  
of expertise



**17% of sales revenue**  
invested in R&D



**600+ LIS**  
integrated with Hospital  
Information Systems (HIS)



**650+ solutions**  
installed globally



**15,000+ instruments**  
connected covering all  
disciplines

## Institut Gustave Roussy

"We fixed an objective to recover 95% of our data. In the end, we were able to recover 99% of our data in <sup>TD</sup>Genet, and we were therefore very happy with the work done by the TECHNIDATA teams"



**Dr Frédéric TROALEN, Hospital pathologist & leader of the <sup>TD</sup>Genet Project**

## Pisa University Hospital

"XXXXXXXXXXXXX  
XXXXXXXXXXXXX"



**Prof Stuppia, function**



## Our services

- Hotline Support
- Approved Training Center
- Project Management and Coaching
- Assistance with Laboratory Accreditation



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