

# Innovation in Anatomic Pathology

Diapath Corporate Profile

**1<sup>st</sup> Semester 2023**

Quality and Reliability in Anatomic Pathology

**diapath.com**

**DIAPATH**



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# Constant Innovation



Diapath is an Italian based company, successfully providing **high-quality solutions** to **Pathologists, Lab Scientists and Lab Professionals**, all around the World.

DIAPATH

MADE IN ITALY

Mission, Vision  
Why

# DIAPATH

Constant Innovation in Anatomic Pathology



Instruments - Reagents - Consumables - Services

# Our Vision



Become **the most innovative Brand** in Anatomic Pathology, **improving life** of people involved in the diagnostic process.

Offer **innovation, quality and reliability** with a special attention to the Customer.



# Our Mission



**Innovate** to contribute to a **better diagnosis**.

Constant Innovation in Anatomic Pathology.

**Constantly innovate**, evolving existing technologies or redesigning current processes and solutions in a completely original way.

**Contribute** to the best diagnosis for patients, offering our customers a complete range with the best solutions for usability, reliability, safety and respect for the environment.



# Our Why Constant Innovation

Mission, Vision  
Why



The histological as well as the cytological sample **is unique and mostly unrepeatable.**

Mission, Vision  
Why

That's why Diapath Innovation gives the sample the **cutting-edge handling it deserves.**

**THE SAMPLE IS UNIQUE  
AS YOU ARE.**

# Diagnostic and Therapeutic Environment



**Clinical care  
and patient  
management**



**Pathology  
Diagnosis**



**Nucleic acid  
Analysis (DNA, RNA)  
and protein  
expression**

**To define the cancer profile and  
molecular Biomarker.**  
Standardization can provide several  
benefits: **reduced human errors in  
specimen handling and processing,**  
along with a more rapid patient  
turnaround.



**Target  
Therapy**

Use specific features of a  
tumor **to slow down or  
inhibit** its growth.

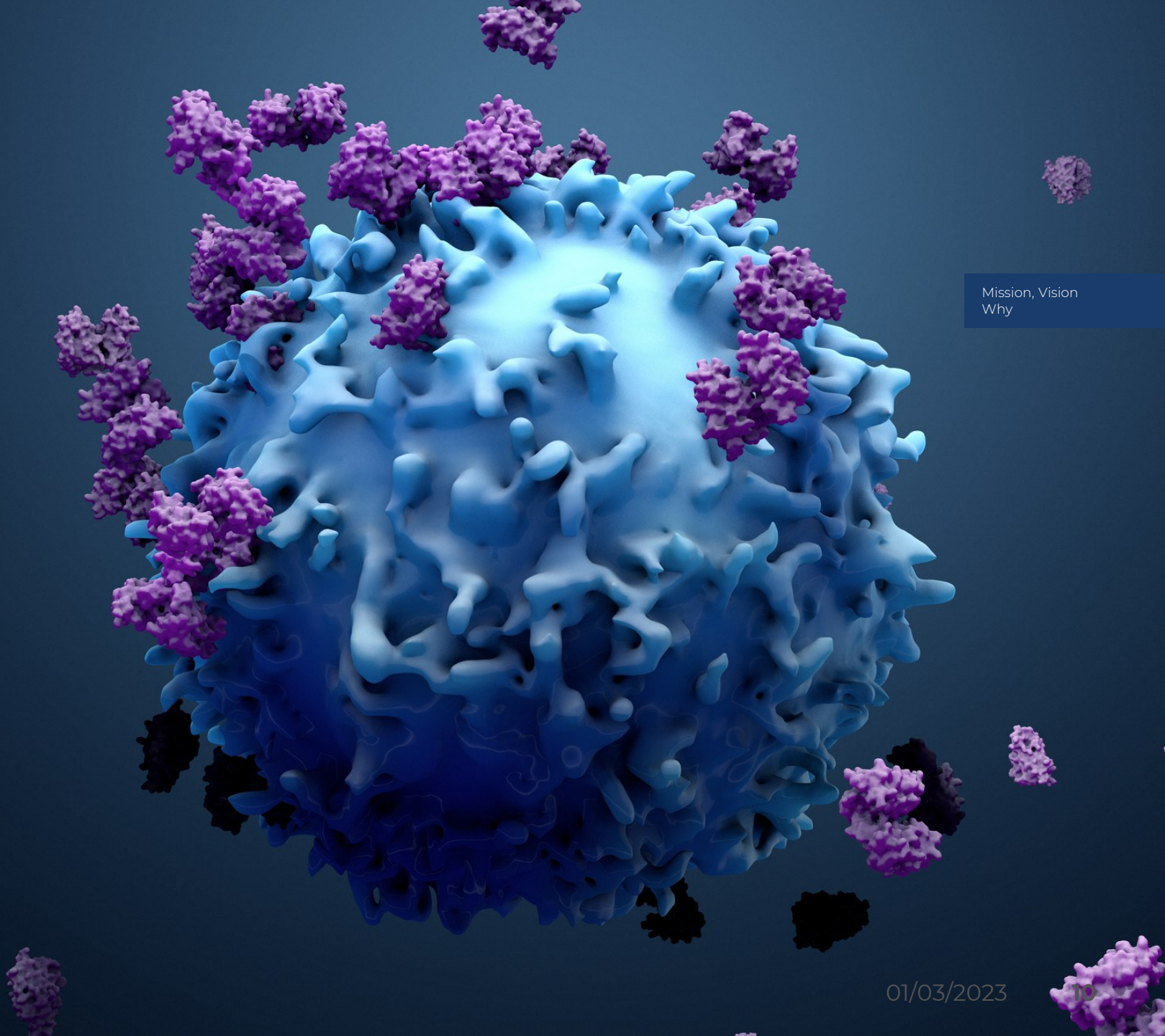
Mission, Vision  
Why



# Cancer and therapy

Cancer biomarkers are biological molecules expressed in a person with cancer, namely DNA, RNA, protein or metabolic profiles.

**Biomarker testing helps characterize alterations in the tumor.**



# The Biological Sample

The new cancer treatments for patients can be established by diagnostic-therapeutic algorithm.

**In this context the preservation of the biological sample is mandatory.**



Mission, Vision  
Why



# Listening to Worldwide Pathology Lab new Needs

# The Sample Quality

**H&E** and the **biomarkers quality** are the essential basis for a **correct diagnosis** defining **targeted therapy** and **effective use** of WSI (Whole Slide Images) **in AI** and Computational Pathology.



# Innovation and safe tissue and cytology specimen management

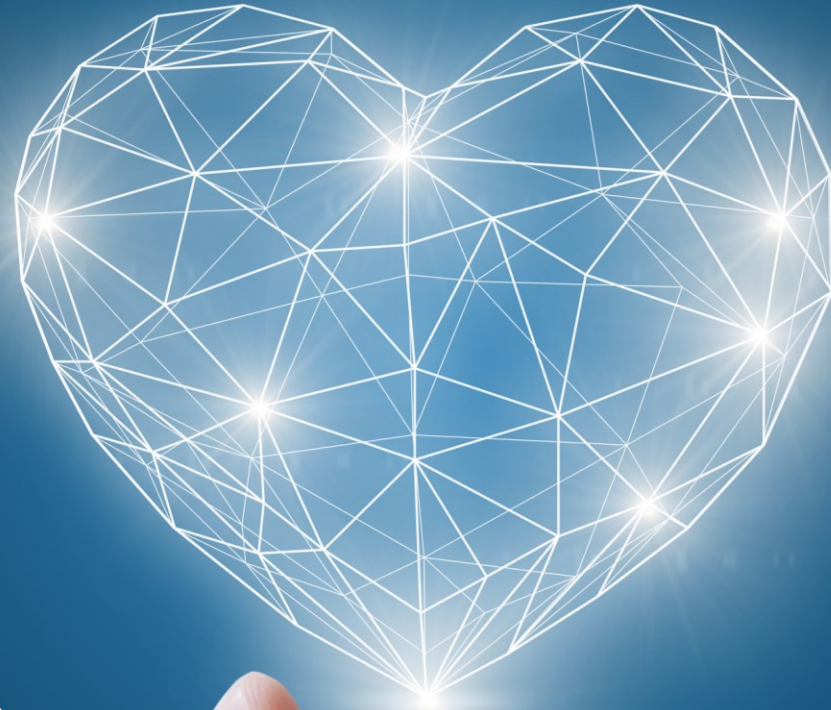
Mission, Vision  
Why

Starting from the pre-analytical to analytical phase, **a number of chemicals steps and physical conditions will determine irreversibly the specimen's quality.**

The morphological (H&E), immunohistochemical (IHC) and molecular analysis can be **heavily influenced from these factors.**

# OUR COMMITMENT

We provide  
the most  
**innovative**  
Technology  
to guarantee  
Morphology,  
Protein  
and Acid Nucleic  
Preservation



Mission, Vision  
Why

# Diapath Timeline



DIAPATH



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

Diapath Timeline

**1997**

## Diapath, the foundation

At the very beginning, the Company is committed to supplying medical equipment of third parties to Italian hospitals and private facilities.

**2010**

## Diapath, the Growth

In few years, Diapath has changed to an international brand, leading the Research and creating high-tech instruments highly appreciated by hospitals and clinics.

**2019**

## Horizon 2020

Diapath SpA has been chosen for the European funding EIC Accelerator, a pilot project of the European Innovation Council which belongs to Horizon 2020, the first largest program realized by EU for Research and Innovation.

# Diapath Timeline



DIAPATH

DIAPATH  
F R A N C E



Diapath Timeline

## 2022

### Growth on a multinational scale

In Germany the acquisition of the companies "Histoserve GmbH" and "Laborbedarf Fremdling Bucerius GmbH", while In France the opening of "Diapath France SA" are successfully complete. Diapath's strategy towards a multinational growth is consolidating.

### ... And the story goes on

In the last decade, Diapath experienced about 10% turnover growth, year over year. Diapath closed the financial year 2022 with a consolidated group turnover of more than 30 Mio. €.





The French-based Branch, Diapath France SA, in Versailles, near Paris

DIAPATH  
FRANCE

HISTO  
SERVE. | DIAPATH

The German-based Company in Celle, near Hamburg, Histoserve Diapath

DIAPATH

The Headquarters based in Martinengo, near Milan, in the North of Italy

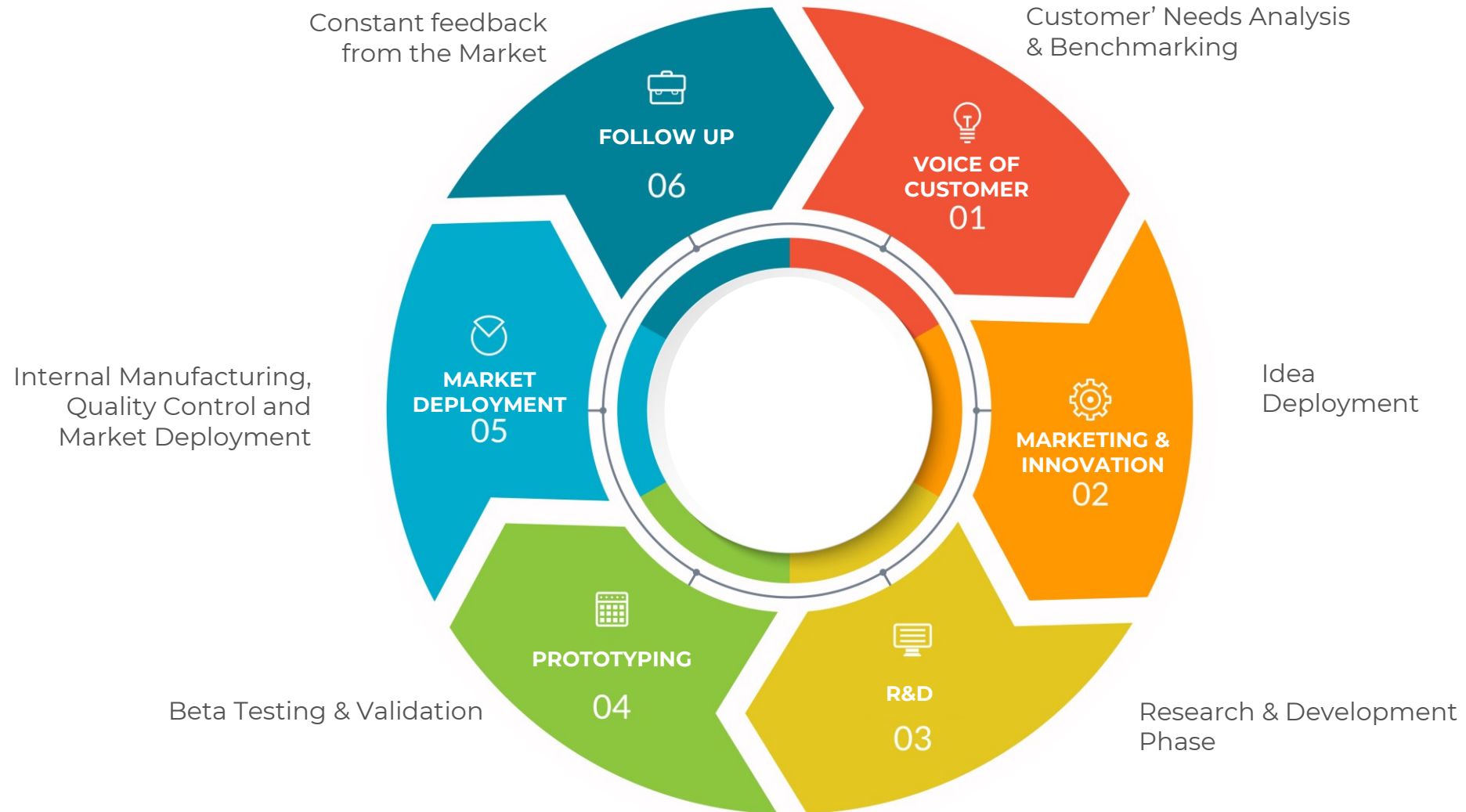
Diapath Today

## TODAY: A FAST-GROWING COMPANY WITH A WORLDWIDE PRESENCE

The headquarters near Bergamo includes the office facility and the new **6,000 sqm recently-enlarged manufacturing facility** for reagents and instruments, **with an overall surface of 11.000 sqm.**

Diapath counts on a French-based Branch and a German-Based Company in Celle, near Hamburg. With a Network of Dealerships in more than **90 Countries**, provides both commercial and service Solutions.

# Constant Innovation Flow



Innovation Flow

# Customer' Needs Analysis

Everything is produced in-house from design to idea manufacturing with experienced professionals with scientific and biomedical background, **highly committed to constant feedback with the market.**



# Marketing Innovation R&D

About 8% of the turnover is invested in R&D yearly, with the most talented people on firmware, IT, and mechanical engineering. Diapath counts on **21 Patents** and **7 Registered Trademarks\***.

\*Update 28<sup>th</sup> Feb. 2023.



Innovation Flow

02

03

# Follow up

The mutual exchange from the market, specialists, manufacturer, service people **is the key for offering cutting-edge solutions to Labs all over the World.**

Diapath solutions are improved over time with constant upgrades. This is Diapath' Philosophy of **Constant Innovation. Every day better.**



# Diapath unique Key Values



## Focus on Histopathology

Diapath is firmly committed to offering Solutions to Anatomic Pathology Labs, with particular focus on Histopathology, to empower Lab Professionals.

## Service: direct contact with the Customers

Diapath offers Fast Problem Solving with specialized support either with local assistants or with support from the Headquarters.

**MADE IN ITALY**

## Good Design

We firmly believe in good design and usability to enhance the best user' experience.

Key Values

# Product Timeline



## 2009

### Ottix

Patented reagent, non-toxic substitute of alcoholic degree and xylene. Ready-to-use.



## 2015

### Giotto, Sicura

Sicura containers pre-filled with formalin. Giotto Automatic Stainer ideally suitable for Anatomic Pathology labs, both small and large routine.



## 2016

### Galileo Series 2

The rotary microtome is designed to meet requirements of precision, reliability, safety and assure the best performances in histological samples cutting in Anatomic Pathology lab.

**MADE IN ITALY**

# Product Timeline



## 2017

### Donatello Series 2

Donatello Series 2 is the new automated tissue processor for histological samples designed to enhance lab routine and guarantee reliability.



## 2018

### Tiziano, SafeCapsule, Special Stains Line

Tiziano is the automated slide stainer designed specifically for special stains.



## 2020

### Cristallo®, Galileo S2 Pro

Cristallo® is the innovative technology as an alternative solution to common slide mounting procedures. Further deployment for Galileo S2, the management system via tablet with integrated PRO App.

**MADE IN ITALY**



# Product Timeline



**2021**

## Dante

Dante is the Embedding System for the best comfort and efficiency in Anatomic Pathology Lab, with its linear and ergonomic design.



**2022**

## T-Filler

T-Filler is the Automatic Formalin dispenser, The perfect solution covering all possible workflows when handling samples, from the operating theatre to the Anatomic Pathology laboratory.

**MADE IN ITALY**

## ... And the story goes on

Constant Innovation in Anatomic Pathology never stops.

More [www.Diapath.com/Products](http://www.Diapath.com/Products)

Product Timeline

# A Complete Portfolio



Product Portfolio

## 5 Product Lines

- Instrument
- Reagents
- ▭ Consumables
- Cytology
- ◆ Cristallo®

Click here and discover more on the website

## 868 products

A wide portfolio along with several references, with game-changer solutions for the Lab.

# Main instruments



**DONATELLO  
SERIES**  
Automatic Tissue  
Processor



**GALILEO  
SERIES 2**  
Rotary Microtome



**GIOTTO**  
Automatic Stainer



**DANTE**  
Embedding System



**T-FILLER**  
Automatic Formalin  
Dispenser



**ZEFIRO LINE**  
Ventilated hoods and  
dissecting workbenches



**TIZIANO**  
Manual Stainer



Product Portfolio

# Main reagents and Cristallo®



## FORMALIN AND SUBSTITUTES

Xylene-free reagent



## SAFECAPSULE LINE

Pre-filled container with Formalin in safety Capsule



## ANTIGENFIX

Paraformaldehyde-based Ready-to-use fixative



## ALCOHOL, SUBSTITUTES AND XYLENE-FREE REAGENTS

Histoalcohol, Ottix, Diawhite



## TISSUE MARKING DYES

Several colors and options



## SPECIAL STAINS KIT HEMATOXYLIN EOSIN

Histology and Cytology



## CRISTALLO®

Liquid Coverslipping Technology



Product Portfolio

# Main consumables



## CASSETTES

Consumables for embedding, several options



## MICROTOME BLADES

Stainless Steel, disposable blades



## STAINING AND COVERSLIPPING

Racks, Slides and Coverslips in several options



## STORAGE AND SAFETY DEVICES

Trays, modular storage and filling cabinets



## SPECIMENS TRACKING

Several colors and options



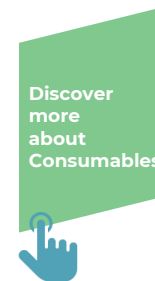
## ACCESSIONING

Several options



## AUTOPSY

Several options



Product Portfolio

# Cytology



## CYTOPATH PROCESSOR

For the preparation of monolayer cytological specimen



## CYTOPATH REAGENTS

Several options



## CYTOPATH URINE KIT 3 TUBES

Several options



## CYTOPATH EASY

Several colors and options



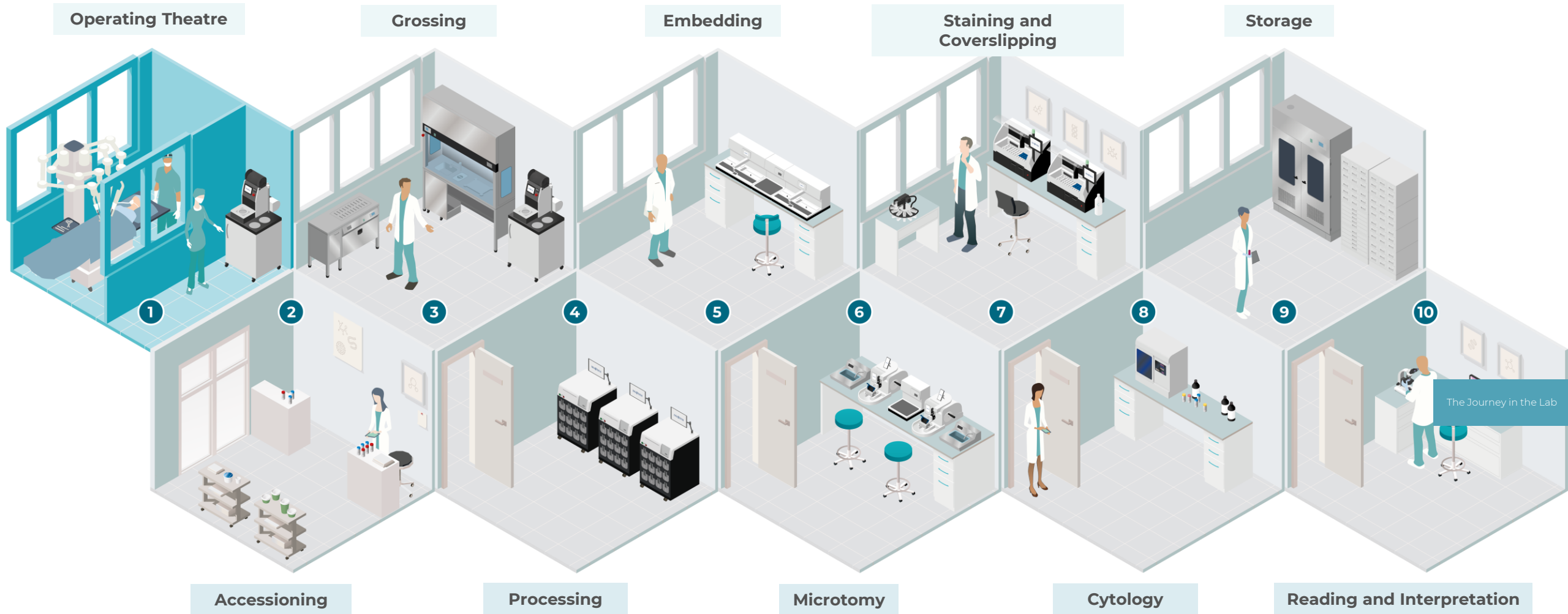
## CYTOPATH CONSUMABLES

Fixatives, slides and brushes for cytology



Product Portfolio

# The Journey in the Lab



# Full Technology Flow in Pathology

## PRE-ANALYTIC PHASE

## ANALYTIC PHASE



**T-Filler**

SAFE AUTOMATIC  
FORMALIN DISPENSER



**Zefiro**

VENTILATED  
HOOD



**Donatello**

AUTOMATIC TISSUE  
PROCESSOR



**Dante**

EMBEDDING MODULE  
+ COLD PLATE



**Galileo S2**

AUTOMATIC  
ROTARY MICROTOME



**Giotto**

AUTOMATIC  
STAINER



**Cristallo**

LIQUID  
COVERSLIPPING



DIAGNOSIS

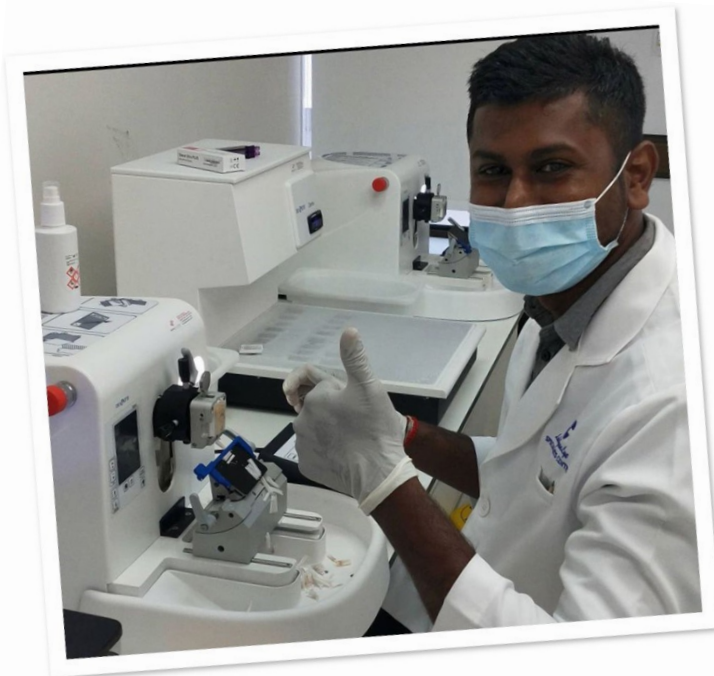


Discover  
our products

The Journey in the Lab



# Happy Customers, our best references



Discover Diapath  
references all  
around the World

[Diapath.com/References](https://Diapath.com/References)



The Journey in the Lab

# Acknowledgements and Projects



## CEU's official provider

Approved CEU's Provider by NSH - National Society for Histotechnology.

## UK NEQAS UK Neqas

Quality Assessment program to ensure clinical laboratory test results are accurate, reliable and comparable wherever they are produced.



## Best Performance Award 2023

A SDA Bocconi initiative, rewarding companies creating economic, social and environmental value. Diapath is among the 6 best nominees in a panel of more than 5.000.

Acknowledgements & Projects

# Acknowledgements and Projects



## A' Design Award

Donatello Series 2 wins A' Design Award and Competition 2019 in "Scientific Instruments".



## DAC Ranking

34<sup>th</sup> Design Award 2021 World Ranking in the category "Medical Appliances".



## World Design Award

Promoted by A' Design Award & Competition, World Design Rankings awards is an online ranking of the Countries that have won more Design Awards over the years.

Acknowledgements & Projects

# Acknowledgements and Projects



Università Campus Biomedico di Roma



Università degli Studi di Bergamo  
Engineering and Applied Sciences



**Politecnico di Torino**

Politecnico di Torino - Department of Mechanical and Aerospace Engineering



Azienda Ospedaliera  
Papa Giovanni XXIII  
Bergamo

Azienda Ospedaliera  
HPG XXIII Bergamo



Fondazione per la Ricerca  
Ospedale di Bergamo - FROM



Institute of Molecular Pathology  
and Immunology of the University  
of Porto

Acknowledgements & Projects

# Acknowledgements and Projects



Università degli Studi di Milano Bicocca



Fondazione Poliambulanza Istituto Ospedaliero di Brescia



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

Università degli Studi di Milano



Università degli Studi di Napoli Federico II



Università degli Studi di Bari Aldo Moro

Acknowledgements & Projects

# Driving ambitious projects



## HORIZON 2020

The Company has been chosen for the **European funding EIC Accelerator**, a pilot project of the European Innovation Council which belongs to Horizon 2020 program.

5.310

projects

1.852

companies passing the final selections

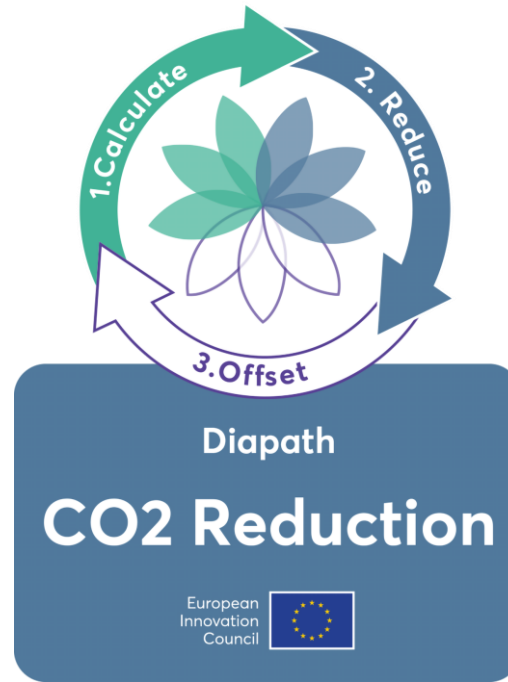
75

companies selected for the funding

1.4%

selection rate. Among these Diapath S.p.A.

# A Sustainable Business



The European **EIC GHG (Greenhouse Gas) programme** is a **journey towards carbon neutrality**, with a set of specific steps that SMEs will benefit from.

Acknowledgements & Projects

# Services and Solutions, tailored for you



## Diapath Special Stains Handbook

Either for students or Lab Professionals, a comprehensive guide of theory and practice about Special Stains to empower your Laboratory.

<https://www.diapath.com/special-stains-handbook>



## Live Virtual Demo

Search and choose any Diapath Instrument from your lab and **book a Live Demo with our Specialists.**

<https://www.diapath.com/virtual-demo-experience>



## H&E Send&Choose

The new Send & Choose service by Diapath allows you to choose the combination of different kind of Hematoxylin and Eosin that best suits your needs and those of your laboratory.

<https://www.diapath.com/hematoxylin-and-eosin>

Services & Solutions



# A World of Dissemination in Anatomic Pathology: Special Stains Handbook

- A comprehensive guide of theory and practice, including numerous images demonstrating the **expected staining results**.
- Available a **self-assessment test** to verify specific learning of the various Special Stains foundations.

[Specials Stains Handbook | Diapath](#)



Services & Solutions

# Live Product Virtual Demo

[Diapath.com/virtual-demo-experience](https://Diapath.com/virtual-demo-experience)



Services & Solutions

# H&E Send&Choose Service

<https://www.diapath.com/hematoxylin-and-eosin>



Services & Solutions

# A World of Dissemination in Anatomic Pathology: Diapath Lab Talks



## Webinars

Diapath is engaged in disseminating and sharing **ideas, scenarios, insights from Anatomic Pathology**. Ready-to-enjoy contents, free for All, to empower Lab Professionals with Top Players in the Field.

[On demand training resources Archivi - Diapath Lab Talks](#)



## Scientific Articles

Diapath offers **ea wide range of scientific Publications** on issues that allow the immediate applicability of the contents in the daily routine.

[Archive - Diapath Lab Talks](#)



## Blog and Podcasts

### News and Talks

For Lab Professionals, for improving culture in the Anatomic Pathology field.

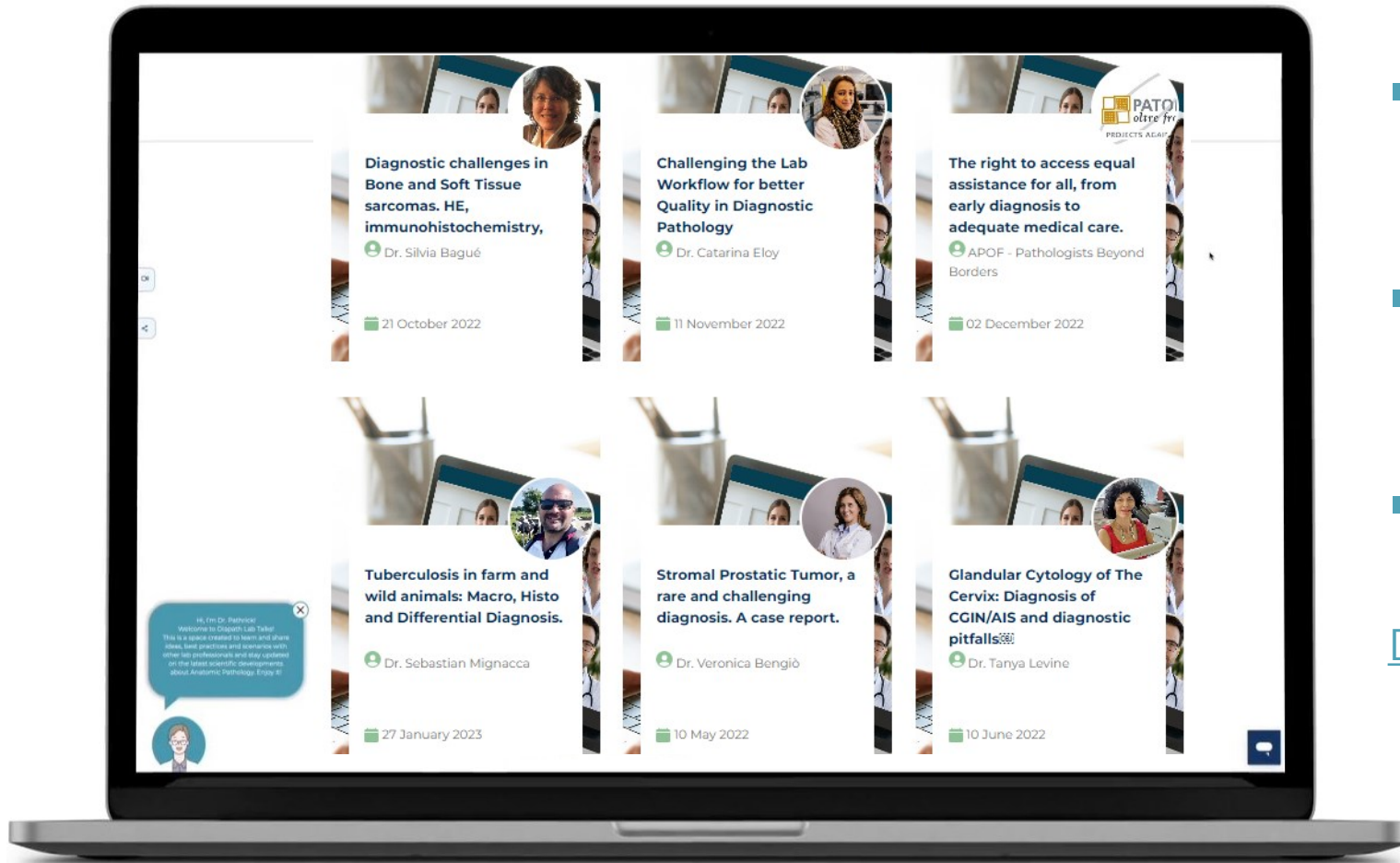
A complete range of podcast, powered by Spotify, Apple Podcast, Amazon Music

[Archivi Podcast - Diapath Lab Talks](#)

Dissemination in AP



# A World of Dissemination in Anatomic Pathology: Diapath Lab Talks



- **Live Webinar Calendar**
- **24/7 On-demand Contents**
- **14 Podcast Series**

[Diapath Lab Talks](#)

Dissemination in AP

# Get in touch

## Social Media Channels



## Youtube



## Websites

[diapath.com](https://diapath.com)

## Newsletter Subscription

diapath.com



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YOU

DIAPATH

Constant Innovation in Anatomic Pathology

