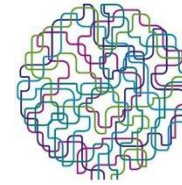


***Ergobyte Informatics S.A.***  
***George Nikolaidis***  
***gnikolaidis@ergobyte.gr***

**This presentation is for**

- Workshop 1** Big Data
- Workshop 3** Photonics and Micro-and-Nanoelectronics
- Workshop 2** Robotics
- Workshop 4** internet of Things

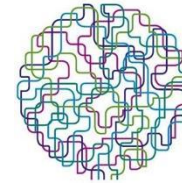
# Ergobyte Informatics S.A.



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- Software house in Thessaloniki, Greece
- 10-year **eHealth expertise**
- 5 full-time employees, 4 external partners
- Commercial products:
  - [Galinos](#) - Online drug database
  - Drug-to-drug/disease [interactions checker](#)
  - [Galinos Office](#) - Cloud medical practice management
  - [Asclepius](#) - Hospital Information System

# Research interest and experience



**PANACEA** - Nationally funded project, coordinator

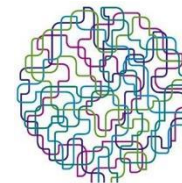
- Reasoning over health records for optimal medication
- Combination of semantic tech with business rules

**Research** is conducted in various fields of ICT, namely:

- computer aided diagnosis
- medical knowledge representation
- machine learning and reasoning
- pattern recognition and data analytics

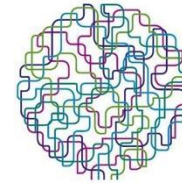
## Extracting and unifying healthcare data into an open platform

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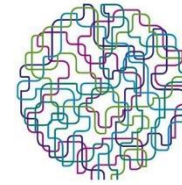
- **Objectives**
  - Devise methodology and develop tools for extracting, anonymizing and coalescing medical records from hospitals data silos
  - Reason over collected data to discover patterns/insights
  - Create platform for querying knowledge and sharing data
- **Expected results**
  - Reconciliation of anonymized health incidents into a globally accessible online database
  - Exploitation by pharmaceutical industry, medical device manufacturers, insurance companies and policy makers

# Consortium - profile of known partners

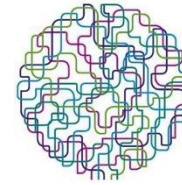


No	Partner Name	Type	Country	Role in the Project
<b>01</b>	CERTH	RTD	GR	Semantic reasoning
<b>02</b>	Ergobyte	SME	GR	Data extraction/integration tools
<b>03</b>	Jozef Stefan Institute	RTD	SI	Data analysis
<b>04</b>				
<b>05</b>				
<b>06</b>				
<b>07</b>				
<b>08</b>				

# Consortium - required partners



No	Expertise	Type	Country	Role in the project
<b>01</b>	Hospital/Clinic	SME	EU, TR	Medical record provider
<b>02</b>	Pharma company	IND	EU, TR	Define needs, Test platform/tools
<b>03</b>	Standards/Codes	ORG	EU, TR	Integration provider
<b>04</b>	Consultancy	SME	EU, TR	Innovation management
<b>05</b>				
<b>06</b>				
<b>07</b>				
<b>08</b>				



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