Pantelis Natsiavas

Date of birth: 17/07/1981 | **Nationality:** Greek | **Gender** Male | (+30) 6947702760 |

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Nikomidias 2, 60100, Katerini, Greece

WORK EXPERIENCE

01/01/2017 – CURRENT – Thessaloniki, Greece
SOFTWARE ENGINEER, POST-DOC RESEARCHER – INSTITUTE OF APPLIED BIOSCIENCES, CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS (INAB|CERTH)

Heading the eHealth Lab of INAB|CERTH.
Main tasks:
- Research and development of Medical Informatics applications
- Technical coordination of research projects (MyPal, PVClinical, Network/Registry of Chronic Pulmonary Patients)
- Scientific publication authoring (h-index: 7, 140 citations)
- Preparation of research project deliverables
- Research project proposal writing

inab.certh.gr

01/09/2013 – 31/12/2016 – Thessaloniki, Greece
SOFTWARE ENGINEER, RESEARCH ASSOCIATE – LAB OF MEDICAL INFORMATICS, ARISTOTLE UNIVERSITY OF THESSALONIKI (AUTH)

- Development of software related with Medical Informatics research
- Preparation of research project deliverables

lomi.med.auth.gr

01/10/2009 – 31/08/2013 – Thessaloniki, Greece
SOFTWARE ENGINEER – RESEARCH COMMITTEE OF THE ARISTOTLE UNIVERSITY OF THESSALONIKI (AUTH)

- Development of accounting and research project management software
- Development of web application for connecting university alumnees and employers

rc.auth.gr

01/06/2009 – 31/08/2009 – Thessaloniki, Greece
COMPUTER ENGINEER – VIDAVO SA

- Development of a mobile application for transfering medical examination results
- Administration and technical support for Medical Informatics applications

vidavo.eu

01/11/2008 – 31/05/2009 – Thessaloniki, Greece
SOFTWARE ENGINEER – CARDISOFT SA

- Development of university administration management software
- Development of software related to interactive voice response (IVR) systems

www.cardisoft.gr

01/12/2007 – 31/10/2008 – Thessaloniki, Greece

SOFTWARE ENGINEER – COMPUCON SA

- ○ Development of telematics software
- ○ Development of firmware for a remote device transfering telematics-related data

http://www.compucon.gr

● PERSONAL STATEMENT

Personal statement

I work on Medical Informatics research projects for the last decade. I hold a Phd from Sorbonne University at Paris, France, and two MScs and a MEng from Aristotle University of Thessaloniki, Greece. My PhD thesis is titled "*Novel methods to support Active Pharmacovigilance in the clinical environment: Active Pharmacovigilance in the context of a Learning Healthcare System*" and my personal research interest focuses on the use of Knowledge Engineering computational approaches to support Drug Safety. Currently, I am the head of the eHealth Lab at the Institute of Applied Biosciences in Centre for Research and Technology Hellas and my long term ambition would be to go beyond writing papers towards the creation of tangible software applications/systems which could have tangible impact.

● EDUCATION AND TRAINING

25/10/2018 – 07/12/2020 – Paris, France
PHD, MEDICAL INFORMATICS – Sorbonne University, ED 393-Santé publique: épidémiologie et sciences de l'information biomédicale

Thesis: "Novel methods to support Active Pharmacovigilance in the clinical environment: Active Pharmacovigilance in the context of a Learning Healthcare System"
Supervisors:
- ○ Dr. Marie-Christine Jaulent - Laboratoire d'Informatique Médicale et d'Ingénierie des Connaissances en e-Santé (LIMICS)
- ○ Dr. Kostas Stamatopoulos - Institute of Applied Biosciences, Centre for Research and Technology Hellas (INAB| CERTH)

EQF level 8 | PhD |

http://college.doctoral.sorbonne-universites.fr/a-propos/les-ecoles-doctorales/sante-publique.html

01/10/2012 – 30/11/2014
MASTER'S DEGREE IN MEDICAL INFORMATICS WITH SPECIALTY ON "MEDICAL DATA MANAGEMENT" – Department of Medicine, Aristotle University of Thessaloniki

Thesis: "A platform extracting semantic information from free-text aiming at the detection of Adverse Drug Reactions mentions"
Sample courses: biomedical databases, standards of medical information exchange, medical image processing, medical information modelling
Field(s) of study
- ○ Information and Communication Technologies : *Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)*

9.52/10 | EQF level 7 | MSc

01/10/2007 – 30/05/2009 – Greece
MASTER'S DEGREE IN COMPUTER SCIENCE WITH SPECIALTY ON "NETWORKS-COMMUNICATIONS⬜-SYSTEMS ARCHITECTURE" – Department of Computer Science, Aristotle University of Thessaloniki

Thesis: "Management of 60 Ghz wireless WDM optical network through software agents to support seamless handover"
Sample courses: semantic web, optical switch systems, optoelectronics, distributed systems modelling and simulation, wireless protocols, intelligent software agents

9.58/10 | EQF level 7 | MSc

01/02/2001 – 13/11/2006
DIPLOMA IN ELECTRICAL AND COMPUTER ENGINEERING WITH SPECIALTY ON ELECTRONICS AND COMPUTERS – Ele
ctrical and Computer Engineering department, Aristotle University of Thessaloniki

Thesis: "Design and development of a semantic multi-agent system of hybrid data retrieval"
Sample courses: data structures, databases, Structured and object-oriented programming, multimedia theory, image digital processing, digital systems, computer networks, microprocessors, intelligent systems, pattern recognition, computer architecture, digital signal processing, telecommunication systems, automatic control theory, electronics, computers' security

Field(s) of study
   ◦ Information and Communication Technologies

7.44/10 │ EQF level 7 │ MEng

● LANGUAGE SKILLS

Mother tongue(s): GREEK

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
PROFICIENCY IN ENGLISH, CAMBRIDGE UNIVERSITY	C2	C2	C2	C2	C2
MITTELSTUFE AUF DEUTSCH, GOETHE INSTITUT	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ORGANISATIONAL SKILLS

Hands on experience on management issues

   ◦ Leading a team of 10
   ◦ Research and Software development projects' management
   ◦ Good knowledge of software engineering methods and tools (UML, etc.)
   ◦ Hands on experience of agile methods for software development (scrum) practicing it for more than five years
   ◦ International research programs' and business projects' proposals
   ◦ Project deliverables' writing
   ◦ Application of ISO standards (i.e. ISO 14971 Medical Device Risk Management, ISO 27000 Information Systems Security)

● SOFTWARE ENGINEERING SKILLS

Hands on experience on software development

   ◦ .NET development (LINQ, lambda expressions, entity framework, windows services, ASP.NET, web services etc)
   ◦ Relational database design and implementation (mainly using MS SQL Server but also in mySQL and PostgreSQL)
   ◦ NoSQL databases (mainly regarding Virtuoso RDF triple store)
   ◦ Semantic web development (Protégé, Apache Jena, OWL, RDF, SPARQL, etc.)
   ◦ Java and Java EE development
   ◦ Multi-agent software systems using JADE (Java Agents Development Framework)

PUBLICATIONS - SCIENTIFIC JOURNALS

2021
Identifying actionability as a key factor for the adoption of "intelligent" systems for Drug Safety: Lessons-learned from a user-centred design approach

Gavriilidis, G., Dimitriadis, V., Jaulent, M.-C., **Natsiavas P.**, 2021, Drug Safety [in press]

2021
RiskRadar: Development and pilot results of a technical intervention targeting combination prevention regarding HIV, viral Hepatitis, Sexually Transmitted Infections and Tuberculosis

Kakalou, C., Polychronidou, E., Drossou, V., Dimitriadis, V., Dermaris, T., Kordonias, R., Papaprodromou, A., Tsirelis, T., Maramis, C., Votis, K., Tzovaras, D., Savarino, D., Maffeo, M., Jasic, N., Blažić, T., Dominković, Z., Pogledić, D., Jovovic, I., Simkunaite-Zazecke, A., Stoniene, L., Sammut, A., Cosmaro, L., **Natsiavas, P.,** 2021, BMC Infectious Diseases [in press]

2021
Developing an infrastructure for secure patient summary exchange in the EU context: Lessons learned from the KONFIDO project

Natsiavas, P., Mazzeo, G., Faiella, G., Campegiani, P., Dumortier, D., Stan, O., Nalin, M., Martinez, D. M., Theodouli, A., Moschou, K., Votis, K., Coppolino, C., Romano, M., Tzovaras, D., Clemente, F., Gelenbe, E., Romano, L., 2021, June, Health Informatics Journal, DOI: 10.1177/14604582211021459
https://journals.sagepub.com/doi/full/10.1177/14604582211021459

2020
Electronic Patient-Reported Outcome–Based Interventions for Palliative Cancer Care: A Systematic and Mapping Review

Karamanidou, C., **Natsiavas, P.**, Koumakis, L., Marias, K., Schera, F., Schäfer, M., Payne, S., Maramis, C., JCO Clinical Cancer Informatics, DOI: 10.1200/CCI.20.00015
https://ascopubs.org/doi/10.1200/CCI.20.00015

2021
A Twitter discourse analysis of negative feelings and stigma related to NAFLD, NASH and obesity

Lazarus, J., Kakalou, C., Palayew, A., Karamanidou, C., Maramis, C., **Natsiavas, P.,** Picchio, A., C., Villota-Rivas, M., Zelber-Sagi, S., Carrieri, P., Liver International, DOI: 10.1111/liv.14969
https://onlinelibrary.wiley.com/doi/10.1111/liv.14969

2019
Computational Advances in Drug Safety: Systematic and Mapping Review of Knowledge Engineering Based Approaches

Natsiavas, P., Malousi, A., Bousquet, C., Jaulent M-C., Koutkias, V., Frontiers in Pharmacology, DOI: 10.3389/fphar.2019.00415
https://www.frontiersin.org/articles/10.3389/fphar.2019.00415/full

2019
The European cross-border health data exchange roadmap: Case study in the Italian setting

Nalin, M., Baroni, I., Faiella, G., Romano, M., Matrisciano, F., Gelenbe, E., Martinez, D., Dumortier, J., **Natsiavas, P.,** Votis, K., Koutkias, V., Tzovaras, D., Clemente, F., Journal of Biomedical Informatics, DOI:10.1016/j.jbi.2019.103183
https://www.sciencedirect.com/science/article/pii/S1532046419301017

2019
Supporting integrated care with a flexible data management framework built upon Linked Data, HL7 FHIR and ontologies

Kilintzis, V., Chouvarda, I., Beredimas, N., **Natsiavas, P.**, Maglaveras, N., Journal of Biomedical Informatics, DOI:10.1016/j.jbi.2019.103179
https://www.sciencedirect.com/science/article/pii/S1532046419300978

2019
Requirements Elicitation for Secure and Interoperable Cross-Border Health Data Exchange: the KONFIDO Study

Koutkias, V., **Natsiavas, P.**, Kakalou, C., Votis, K., Tzovaras, D., Maglaveras, N., IET Software, DOI: 10.1049/iet-sen.2018.5292
https://digital-library.theiet.org/content/journals/10.1049/iet-sen.2018.5292

2019
An open access database for the evaluation of respiratory sound classification algorithms

Rocha, B., Filos, D., Mendes, L., Serbes, G., Ulukaya, S., Kahya, Y., Jakovljevic. N., Turukalo, T., Vogiatzis, I., Perantoni, E., Kaimakamis, E., **Natsiavas, P.**, Oliveira, A., Jácome, C., Marques, A., Maglaveras, N., Paiva, R., Chouvarda, I., de Carvalho, P., Physiological Measurement, DOI: 10.1088/1361-6579/ab03ea
https://iopscience.iop.org/article/10.1088/1361-6579/ab03ea

2018
Comprehensive user requirements engineering methodology for secure and interoperable health data exchange

Natsiavas, P., Rasmussen, J., Voss-Knude, M., Votis, K., Coppolino, L., Campegiani, P., Cano, I., Marí, D., Faiella, G., Clemente, F., Nalin, M., Grivas, E., Stan, O., Gelenbe, E., Dumortier, J., Petersen, J., Tzovaras, D., Romano, L., Komnios, I. and Vassilis Koutkias, 2018,BMC Medical Informatics and Decision Making, DOI: 10.1186/s12911-018-0664-0
https://bmcmedinformdecismak.biomedcentral.com/articles/10.1186/s12911-018-0664-0

2018
OpenPVSignal: Advancing Pharmacovigilance Signals Information Search, Sharing and Reuse via FAIR Principles and Semantic Web Technologies

Natsiavas, P., Boyce, R.D., Jaulent, M.C. and Koutkias, V., Frontiers in Pharmacology, DOI:10.3389/fphar.2018.00609
https://www.frontiersin.org/articles/10.3389/fphar.2018.00609/full

2017
Large-scale adverse effects related to treatment evidence standardization (LAERTES): an open scalable system for linking pharmacovigilance evidence sources with clinical data

The Knowledge Base workgroup of the Observational Health Data Sciences and Informatics (OHDSI) collaborative, Journal of Biomedical Semantics, DOI: 10.1186/s13326-017-0115-3
https://jbiomedsem.biomedcentral.com/articles/10.1186/s13326-017-0115-3

PUBLICATIONS - CONFERENCE PAPERS AS BOOK CHAPTERS

2021
Pharmacovigilance and Clinical Environment: Utilizing OMOP-CDM and OHDSI Software Stack to Integrate EHR Data

Dimitriadis K., V., Gavriilidis I. G., **Natsiavas, P.** , Medical Informatics Europe (MIE) conference 2021, DOI: 10.3233/SHTI210232
https://ebooks.iospress.nl/doi/10.3233/SHTI210232

2021
Using Business Process Management Notation to Model Therapeutic Prescription Protocols: The PrescIT Approach

Natsiavas, P., Stavropoulos, G., T., Pliatsios, A., Karanikas, H., Gavriilidis I. G., Dimitriadis K., V., Nikolaidis, G., Nikolopoulos, S., Skapinakis, P., Thireos, E., Kompatsiaris, I., Medical Informatics Europe (MIE) conference 2021, DOI: 10.3233/SHTI210358
https://ebooks.iospress.nl/doi/10.3233/SHTI210358

2021
Randomization of Clinical Trial Participants via an Integrated Web Service

Bonotis, P., Chytas, A., Zacharioudakis, G., Karamanidou, C., Koumakis, L., Stamatopoulos, K., **Natsiavas, P.,** Medical Informatics Europe (MIE) conference 2021, DOI: 10.3233/SHTI210375
https://ebooks.iospress.nl/doi/10.3233/SHTI210375

2020
Supporting Active Pharmacovigilance via IT Tools in the Clinical Setting and Beyond: Regulatory and Management Aspects

Natsiavas, P., Gavriilidis, G., Linardaki, Z., Kolangi, G., Gkaliagkousi, E., Zamboulis, C., Jaulent, M, International Conference on Informatics,
Management and Technology in Healthcare (ICIMTH) 2020, DOI: 10.3233/SHTI200565
http://ebooks.iospress.nl/publication/54665

2019
A Knowledge-Based Platform for Assessing Potential Adverse Drug Reactions at the Point of Care: User Requirements and Design

Natsiavas, P., Jaulent, M-C., Koutkias, V., MedInfo 2019, DOI: 10.3233/SHTI190376
http://ebooks.iospress.nl/publication/52141

2019
Linking Exome Sequencing Data with Drug Response Aberrations

Kyriakidis, K., Charalampidou, A., **Natsiavas, P.,** Vizirianakis, I., Malousi, A., 2019, MedInfo 2019, DOI: 10.3233/ SHTI190677
http://ebooks.iospress.nl/publication/52442

2019
Citizen Perspectives on Cross-Border eHealth Data Exchange: A European Survey

Natsiavas, P., Kakalou, C., Votis, K., Tzovaras, D., Koutkias, V., MedInfo 2019, DOI: 10.3233/SHTI190317
http://ebooks.iospress.nl/publication/52082

2018
A respiratory sound database for the development of automated classification

Rocha, B.M., Filos, D., Mendes, L., Vogiatzis, I., Perantoni, E., Kaimakamis, E., **Natsiavas, P.,** Oliveira, A., Jácome, C., Marques, A. and Paiva, R.P., In Precision Medicine Powered by pHealth and Connected Health, Springer, DOI: 10.1007/978-981-10-7419-6_6
https://link.springer.com/chapter/10.1007/978-981-10-7419-6_6

2018
Gap Analysis for Information Security in Interoperable Solutions at a Systemic Level: The KONFIDO Approach

Rasmussen, J., **Natsiavas, P.,** Votis, K., Moschou, K., Campegiani, P., Coppolino, L., Cano, I., Marí, D., Faiella, G., Stan, O. and Abdelrahman, O., In Precision Medicine Powered by pHealth and Connected Health, Springer, DOI: 10.1007/978-981-10-7419-6_13
https://link.springer.com/chapter/10.1007/978-981-10-7419-6_13

2018
Identification of Barriers and Facilitators for eHealth Acceptance: The KONFIDO Study

Natsiavas, P., Kakalou, C., Votis, K., Tzovaras, D., Maglaveras, N., Komnios, I. and Koutkias, V., In Precision Medicine Powered by pHealth and Connected Health, Springer, DOI: 10.1007/978-981-10-7419-6_14
https://link.springer.com/chapter/10.1007/978-981-10-7419-6_14

2017
Evaluation of Linked, Open Data Sources for Mining Adverse Drug Reaction Signals

Natsiavas, P., Maglaveras, N. and Koutkias, V., In International Conference on Internet Science, Springer, DOI: 10.1007/978-3-319-70284-1_24
https://link.springer.com/chapter/10.1007/978-3-319-70284-1_24

2016
A public health surveillance platform exploiting free-text sources via natural language processing and linked data: application in adverse drug reaction signal detection using PubMed and Twitter

Natsiavas, P., Maglaveras, N. and Koutkias, V, Knowledge Representation for Health Care: HEC 2016 International Joint Workshop, KR4HC/ProHealth 2016, DOI: 10.1007/978-3-319-55014-5_4
https://link.springer.com/chapter/10.1007/978-3-319-55014-5_4

2014
A computational infrastructure for evaluating Care-Coordination and Telehealth services in Europe

Natsiavas, P., Filos, D., Maramis, C., Chouvarda, I., Schonenberg, H., Pauws, S., Bescos, C., Westerteicher, C. and Maglaveras, N., In the 25th European Medical Informatics Conference, DOI: 10.3233/978-1-61499-432-9-216
http://ebooks.iospress.nl/publication/37479

PUBLICATIONS - CONFERENCE PROCEEDINGS

2019
A sustainable HL7 FHIR based ontology for PHR data

Kilintzis, V., Kosyvra, A., Beredimas, N., **Natsiavas, P.,** Maglaveras, N. and Chouvarda, I., 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). DOI: 10.1109/EMBC. 2019.8856415
https://ieeexplore.ieee.org/document/8856415

2016
A data model to support the evaluation of coordinating care EU programmes in the context of the ACT programme

Natsiavas, P., Filos, D., Chouvarda, I., Maramis, C., van der Heijden, R., Schonenberg, H., Pauws, S., Bescos, C. and Maglaveras, N. In 38th Annual International Conference of the Engineering in Medicine and Biology Society (EMBC) IEEE, DOI: 10.1109/EMBC.2016.7591238
https://ieeexplore.ieee.org/document/7591238

2016
Clinical flows and decision support systems for co-ordinated and integrated care in COPD

Chouvarda, I., Kilintzis, V., Beredimas, N., **Natsiavas, P.**, Perantoni, E., Vogiatzis, I., Vaimakakis, V. and Maglaveras, N., In IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI), IEEE, DOI: 10.1109/BHI.2016.7455938
https://ieeexplore.ieee.org/document/7455938

2014
Design of a RESTful middleware to enable a web of medical things

Philip, N., Butt, T., Sobnath, D., Kayyali, R., Nabhani-Gebara, S., Pierscionek, B., Chouvarda, I., Kilintis, V., **Natsiavas, P.,** Maglaveras, N. and Raptopoulos, A., In 4th International Conference on Wireless Mobile Communication and Healthcare (Mobihealth), IEEE, DOI: 10.1109/MOBIHEALTH.2014.7015986
https://ieeexplore.ieee.org/document/7015986

2014
WELCOME - Innovative integrated care platform using wearable sensing and smart cloud computing for COPD patients with Comorbidities

Chouvarda, I., Philip, N.Y., **Natsiavas, P.,** Kilintzis, V., Sobnath, D., Kayyali, R., Henriques, J., Paiva, R.P., Raptopoulos, A., Chételat, O. and Maglaveras, N., In the 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), DOI: 10.1109/EMBC.2014.6944298
https://ieeexplore.ieee.org/document/6944298

2009
A collision detection and resolution multi agent approach using utility functions

Valkanas, G., **Natsiavas, P.** and Bassiliades, N., 2009, September. In the Fourth Balkan Conference in Informatics, DOI: 10.1109/BCI.2009.30
http://ieeexplore.ieee.org/document/5359381/

PUBLICATIONS - CONFERENCE ANNOUNCEMENTS AND ABSTRACTS

2017
Towards an Ontology for Sharing Information on Pharmacovigilance Signals

Natsiavas, P. and Koutkias, V., Towards an Ontology for Sharing Information on Pharmacovigilance Signals. In SWAT4LS 2017
http://www.swat4ls.org/wp-content/uploads/2017/11/SWAT4LS-2017_paper_42.pdf

2016
Integrated Care Evaluation Engine

Schonenberg, H., Filos, D., **Natsiavas, P.**, van der Heijden, R., Pauws, S., Chouvarda, I., Maglaveras, N. and Bescos, C., International Journal of Integrated Care, 16th International Conference on Integrated Care, DOI: 10.5334/ijic.2950
https://www.ijic.org/articles/abstract/10.5334/ijic.2950/

2015
Exploring the Capacity of Open, Linked Data Sources to Assess Adverse Drug Reaction Signals

Natsiavas, P., Koutkias, V. and Maglaveras, N., Exploring the Capacity of Open, Linked Data Sources to Assess Adverse Drug Reaction Signals. In SWAT4LS 2015 (pp. 224-226)
http://ceur-ws.org/Vol-1546/poster_74.pdf

SCHOLARSHIPS

01/06/2021 – 30/06/2021
Scholarship for high level scientific short term mission in France

French government provided funding for a short term scientific mission in the context of which I was hosted in Laboratoire d'Informatiore Médicale et d'Ingénierie des Connaissances en e-Santé (LIMICS, UMRS_1142, http://www.limics.fr/), in Paris, France.
https://www.ifg.gr/wp-content/uploads/2021/01/Appel-a-candidature-SSHN-Version-GR-21-09-2020.pdf

HONOURS AND AWARDS

2020
Hackathon #HackCoronaGreece – Ministry of Digital Government

The eHealth Lab team presented two technical solutions: (a) OpenPVSignal COVID-19 Knowledge Graph (supporting the drug safety operations of drugs focusing on SARS-COV-2) and (b) #CoCare (platform enabling voluntary support for vulnerable groups and patients).

Both technical solutions were selected among the 15 best of the competition and the "OpenPVSignal COVID-19 Knowledge Graph" was selected in the 5 solutions to represent Greece in the respective European competition.
https://hackcorona.world/gr/

2019
Article selected among 12 best papers for year 2018 – International Medical Informatics Association

International Medical Informatics Association (IMIA) 2019 Yearbook, summarizing recent research and selecting best papers for 2018, cites our article regarding the KONFIDO project user requirements engineering approach (Comprehensive user requirements engineering methodology for secure and interoperable health data exchange, DOI: 10.1186/s12911-018-0664-0), as one of the 12 candidate papers in the "Clinical Information Systems" category.
https://www.thieme-connect.com/products/ejournals/journal/10.1055/s-00034612?fbclid=IwAR37CeoWYCeB5Abk7_FfcCGhV2hbSvLXEJ2tbuD-Yw5huk-xGafedE1IkW8

PROJECTS

CURRENT
Clinical Network/Registry of Patients with Chronic Pulmonary Conditions

[Technical Coordinator]
This network includes more than 15 clinical laboratories across Greece focusing on patients with chronic pulmonary conditions and especially the ones on home ventilation support. The project includes clinical data collection for patients via a web platform hosted by INAB|CERTH (currently it holds data for about 3000 patients).

01/01/2019 – CURRENT
MyPal - Fostering Palliative Care of Adults and Children with Cancer through Advanced Patient Reported Outcome Systems

https://mypal-project.eu/
[Technical Coordinator]
MyPal focuses on the use of eHealth technologies to support palliative care for people with cancer by leveraging patient reported outcome (PRO) systems through their adaptation to the personal needs of the person with cancer and his/her caregiver(s). The project is coordinated by the Institute of Applied Biosciences of the Centre for Research and Technology Hellas (INAB|CERTH) and its consortium includes 16 partners from 7 European countries: 6 research/academic institutions, 6 clinical sites, 2 SMEs and 2 palliative care associations. MyPal is funded by Horizon 2020 (H2020) research funding framework (Grant Agreement No: 825872)

06/09/2018 – CURRENT
PVClinical – Active Pharmacovigilance in clinical environments

https://pvclinical-project.eu/
[Technical Coordinator]
PVClinical aims to develop an online platform to facilitate and automate the implementation of pharmacovigilance (PV) procedures, with particular emphasis on exploring potential Adverse Drug Reaction (ADR) signals and focusing on integrating such processes into the clinical environment. The project is co-financed by the European Union and Greek national funds through the Operational Program Competitiveness, Entrepreneur-ship and Innovation, under the call RESEARCH – CREATE - INNOVATE (project code: T1EDK-03789)

28/07/2020 – CURRENT
PrescIT - Smart, Personalized and Interoperable Electronic Prescribing Platform

https://www.prescit.com/description/
The purpose of PrescIT is to implement, evaluate and disseminate a clinical decision support platform, focusing on drug safety and in particular the e-Prescription process. The platform aims to support at all health care providers, from primary care to tertiary hospitals. The ultimate goal of PrescIT is to improve the quality of health services, increase productivity and safety. The project is co-financed by the European Union and Greek national funds through the Operational Program Competitiveness, Entrepreneur-ship and Innovation, under the call RESEARCH – CREATE - INNOVATE (project code: T2EDK-00640).

16/06/2018 – CURRENT
Take-a-breath: Smart Platform for Self-management and Support of Patients with Chronic Respiratory Diseases

https://www.take-a-breath.gr/content/what-project
The Take-A-Breath system is based on the adoption of innovative software technologies (virtual and augmented reality, clinical decision making) and hardware (wireless personal bio-monitoring system) to implement a range of advanced sophisticated self-management services for patients with chronic respiratory diseases able to radically change the way they treat themselves and adhere with the doctors' prescriptions. With the Take-A-Breath system, "regular monitoring" is transformed into "personalized monitoring" in real time, the proper use of the inhaler device is controlled in an innovative way, while the system offers to the patient a series of instructions in order to avoid asthma exacerbations and emergency situations. The project is co-financed by the European Union and Greek national funds through the Operational Program Competitiveness, Entrepreneur-ship and Innovation, under the call RESEARCH – CREATE - INNOVATE (project code: T1EDK-03832).

19/09/2017 – CURRENT
INTEGRATE Joint Action

https://integrateja.eu/
The main objective of INTEGRATE was to integrate early diagnosis and linkage to prevention and care of HIV, viral hepatitis, TB and STIs in EU member states. INTEGRATE focused on how effective tools for diagnosis and linkage to care in one disease area can be used in others. This was done through the review of existing tools followed by adaption and piloting of the tools in other disease areas. Further, INTEGRATE focused on capacity building and knowledge sharing among the partners the identification of best practices in testing and linkage to care and efforts to improve sustainability at the national level through policy development.
INTEGRATE was funded by the 3rd EU Health Programme and run over three and a half years (September 2017-May 2021). The budget was 2,5 Million EUR and 29 partners were nominated by their Ministry of Health, representing the 15 EU Member States: Croatia, Denmark, Estonia, Greece, Hungary, Ireland, Italy, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia, Spain, UK and Serbia. Partners are Public Health institutions, Hospitals (infectious disease and research departments), NGOs and Universities.

01/09/2017 – 27/10/2020
CHRODIS+ Joint Action

http://chrodis.eu/
CHRODIS+ was a three-year initiative (2017-2020) funded by the European Commission and participating organisations, under grant agreement 761307. The role of CHRODIS+, during its 36 months of operation was to contribute to the reduction of this burden by promoting the implementation of policies and practices that have been demonstrated to be successful. The development and sharing of these tested policies and projects across EU countries was the core idea behind this action.
The CHRODIS+ Joint Action raised awareness that in a health-promoting Europe – free of preventable chronic diseases, premature deaths and avoidable disabilities – initiatives in regards to chronic diseases should build on four cornerstones:
  ○ health promotion and primary prevention as a way to reduce the burden of chronic diseases
  ○ patient empowerment
  ○ tackling functional decline and quality of life as the main consequences of chronic diseases
  ○ making health systems sustainable and responsive to the ageing of our populations associated with the epidemiological transition

01/10/2016 – 30/09/2020
DM4ALL

https://proempower-pcp.eu/pcp-contractors/dm4all.html
DM4all digital platform is a novel mHealth system dedicated to the effective management of Type 2 Diabetes Mellitus (T2DM), funded by H2020 research and innovation programme under grant agreement number 727409. The platform includes web and mobile interfaces along with intelligent medical devices, able to support all the diverse needs of the T2DM care pathway.
Patients, Informal Caregivers, and Healthcare professionals can manage, communicate, and monitor the disease progression through the system. Thus, this multi-pronged and integrated approach promotes self-care practices, continuous monitoring, and reduces any long-term complications. DM4all is developed based on the Shared Care Plan, a shared "document" that includes information about lifestyle, treatment plan activities, and disease-related markers. Furthermore, collects information and feedback from the patients through validated questionnaires aiming to increase impact and personalization. The overall objective of the platform is to encourage:
- patients and involved actors to adopt best practices in disease management,
- patients to increase the adherence in the treatment plan,
- and all actors to improve their quality of life.

01/11/2016 – 30/10/2019
KONFIDO - Secure and Trusted Paradigm for Interoperable eHealth Services

https://konfido-project.eu/
KONFIDO was a H2020 project aiming to leverage proven tools and procedures, to support secure inner- and cross-border exchange, storage and overall handling of healthcare data in a legal and ethical way both at national and European levels. KONFIDO was funded from European Commission under Horizon 2020 (Grant Agreement No: 727528)

04/03/2016 – 03/03/2019
ACT@Scale - Advancing Care Coordination and Telehealth deployment at Scale

https://webgate.ec.europa.eu/chafea_pdb/health/projects/709770/summary
ACT@Scale was an innovative partnership of leading European health care regions, industry and academia that have the true potential to transform cure and care delivery services from pilots and experiments to scaled up, routine management of frail elderly and chronically ill. ACT@Scale developed, tested and consolidated "best practice" Care Coordination and Telehealth (CC & TH) concepts that can be leveraged by the participating healthcare regions to expedite scaling-up their services, but also transferred to other regions through Europe and beyond. ACT@Scale is targeted integrated care good practices in Basque Country, Catalonia, Groningen, Northern Ireland and South Denmark that are all in the process of implementing novel CC&TH processes at scale. The target groups are populations of chronic patients and elderly people with special needs including social services, frailty and psychiatric morbidities. ACT@Scale was funded from European Commision's Health Programme under agreement No 709770.

01/11/2013 – 31/10/2017
WELCOME – Wearable Sensing and Smart Cloud Compuiting for Integrated Care to COPD Patients with Co-morbidities

https://cordis.europa.eu/project/id/611223
To help Chronic Obstructive Pulmonary Disease (COPD) patients with comorbidities and to reduce the burden on our health systems, the WELCOME project aimed to create innovative solutions such as an integrated care management tool and a monitoring vest. WELCOME was funded from European Commision under FP7-ICT (Project reference: 611223)

01/09/2013 – 29/02/2016
ITECH - Roadmap for Research and Innovation in Health Technology

https://cordis.europa.eu/project/id/602667/reporting
The ITECH project was launched to propose recommendations which would accelerate the Idea-to-Market process associated with health technologies. The overall goal was to initiate procedures which would lead to improvements in the effectiveness and competitiveness of the European health technology industry on the global markets. Funded from European Commision under FP7-HEALTH (Project reference: 602667).

01/02/2013 – 01/10/2015
ACT – Advancing Care Coordination and TeleHealth Deployment

https://ec.europa.eu/eip/ageing/news/advancing-care-coordination-and-telehealth-deployment-act-programme_en
The ACT brought together companies, universities, hospitals and healthcare authorities aiming to define best practices in care coordination and telehealth. Its goal was to explore the organizational and structural processes needed to successfully implement care coordination and telehealth (CC&TH) services on a large scale. The ACT Programme was a part of the EIP on AHA and gathered data and best practices from five European Healthcare regions. ACT was funded from European Commision's Health Programme under agreement No 0121209

● REVIEWER IN SCIENTIFIC JOURNALS, CONFERENCES AND RESEARCH PROJECT PROPOSALS

2016
Fondazione Cariplo [Research funding body, Italy]

Reviewer for research projects' proposals

Artificial Intelligence in Medicine [Scientific journal published by Elsevier]

Reviewer for research articles

Bioinformatics [Scientific journal published by Oxford University Press]

Reviewer for research articles

BMC Medical Informatics and Decision Making [Scientific journal published by Biomed Central]

Reviewer for research articles

International Medical Informatics Association (IMIA) yearbook

Reviewer for research articles

Health Informatics Journal [Scientific journal published by SAGE]

Reviewer for research articles

International Conference on Biomedical and Health Informatics (ICBHI) [Conference]

Reviewer for research articles

American Medical Informatics Association (AMIA) Annual Symposium [Conference]

Reviewer for research articles

IEEE Engineering in Medicine and Biology Conference (EMBC) [Conference]

Reviewer for research articles

Medical Informatics Europe (MIE) [Conference]

Reviewer for research articles

EHDEN Network - Small and Medium Enterprises (SMEs) funding

Evaluator of funding proposals for Small and Medium Enterprises (SMEs) to participate in the data exchange and observational research European EHDEN network.
https://www.ehden.eu/open-calls/sme-certification/

JMIR Medical Informatics [Scientific journal published by JMIR Publications]

Reviewer for research articles

Journal of Medical Internet Research [Scientific journal published by JMIR Publilcations]

Reviewer for research articles

IMIA Yearbook [Book published by International Medical Informatics Association]

Reviewer for research articles evaluation to be included in the "Knowledge Representation and Management" section of the IMIA yearbook, summarizing and highlighting the best papers on the domain each year.

Hellenic Foundation for Research and Innovation (HFRI) [Research funding body - Greece]

Reviewer for research projects' proposals

COMMUNITIES AND MEMBERSHIPS

American Medical Informatics Association (AMIA)

Hellenic Society of Pharmaceutical Medicine (EL.E.F.I.)

Technical Chamber of Greece (TEE)

Institute of Electrical and Electronics Engineers (IEEE)

09/04/2021 – CURRENT
P2968.1 & P2968.2 IEEE standards committee

I am member of the IEEE standards committee focusing on the development of Decentralized Clinical Trials, aiming to support Patient Safety and Threat Modelling (EMB/Stds Com/DCTPS/2968.1: Trial Use Recommended Practice for Decentralized Clinical Trials Patient Safety and EMB/Stds Com/DCTPS/2968.2: Trial Use Recommended Practice for Decentralized Clinical Trials Threat Modeling, Cybersecurity, and Data Privacy).