



## IMIA One Digital Health (ODH) WG 2023 Report (June 2022 – June 2023)

### Arriel Benis, PhD, Chair (2021-2024)

Associate Professor  
Holon Institute of Technology  
Holon, Israel

### Oscar Tamburis, PhD, Co-Chair (2021-2024)

Researcher  
National Research Council  
Naples, Italy

### [WG Website](#)

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#### 1. Achievements – IMIA WG Events and projects conducted, and publications completed

The WG ODH was created at the end of 2021. During the period considered, the working group members have published the following papers in journals and conferences of the medical informatics community:

- Hagi M, Benis A, Deserno TM. Accident & Emergency Informatics and One Digital Health. Yearb Med Inform. 2022 Aug;31(1):40-46. doi: 10.1055/s-0042-1742506. Epub 2022 Jun 2. PMID: 35654425; PMCID: PMC9719754.
- Tamburis O, Benis A. One Digital Health for more FAIRness. Methods Inf Med. 2022 Dec;61(S 02):e116-e124. doi: 10.1055/a-1938-0533. Epub 2022 Sep 7. PMID: 36070786; PMCID: PMC9788917.
- Benis A, Hagi M, Deserno TM, Tamburis O. One Digital Health Intervention for Monitoring Human and Animal Welfare in Smart Cities: Viewpoint and Use Case. JMIR Med Inform. 2023 May 19;11:e43871. doi: 10.2196/43871. PMID: 36305540; PMCID: PMC10238965.
- Other communications (articles and book chapters) are currently under consideration.

#### 2. Describe WG/SIG Participation - Engagement and participation in IMIA, IMIA Region or member health informatics events and activities in the past year

- Prof. Benis and Dr. Tamburis have been invited as Special Section Editors for the 2023 edition of the IMIA Yearbook of Medical Informatics, entitled “*Informatics for One Health*”. Their contribution for the Special Section relates to the following activities:
  - Keynote paper: Benis A. & Tamburis O. “*The Need for Green and Responsible Medical Informatics and Digital Health: Looking Forward with One Digital Health*”;

- ODH and A&EI WGs paper: Benis A., Haghi M., Tamburis O., Darmoni S.J., Grosjean J., Deserno T.M. “*Digital Emergency Management for a complex One Health landscape: the need for standardization, integration, and interoperability*”;
- Synopsis paper: Tamburis O., Benis A. “*Special Section on “Informatics for One Health”: Leveraging Data and Technology to Enhance Interdisciplinary Collaboration and Health Outcomes*”;
- Participation to the Editorial Meeting, held in Bordeaux, France, on May 5<sup>th</sup>.
- The IMIA WG ODH has a mirror WG at EFMI (EFMI WG ODH) dealing with local projects.
- The working group is expanding its activity to recruit new members in other IMIA regions.

### 3. Provide details of the WG/SIG’s Outreach - Recruitment and engagement of new members and target communities, publicity, and representation at major events and/or on social media.

The working group is (1) actively recruiting members involved in its current research activities; (2) participating in different scientific meetings to introduce and explain what One Digital Health is and why this is an important new field; (3) developing its and searching for new collaborations with other WGs (e.g., Accident and Emergency Informatics); the LinkedIn working group page (used both for the EFMI and the IMIA WGs ODH) has at the end of May 2023, 112 followers.

Additionally, the WG ODH has organized a working group at MIE 2023 to involve the community in its activities:

- Anne Moen, Oscar Tamburis, Arriel Benis, Dirk S. Schmeller, Maria João Feio, Catherine Chronaki. “*One Digital Health for OneAquaHealth: Bridging human health and wellness to interdisciplinary biodiversity preservation*”.

### 4. Current List of members:

#### **Arriel Benis, PhD, Chair (2021-2024)**

Associate Professor of Digital Health and Medical Informatics  
Holon Institute of Technology  
Holon, Israel

#### **Oscar Tamburis, PhD, Co-Chair (2021-2024)**

Researcher in Health Informatics  
National Research Council  
Naples, Italy

#### **Anne Moen**

Professor, Gravitate-Health project Coordinator  
University of Oslo

#### **Catherine Chronaki**

General Secretary  
HL7 Europe

#### **Mostafa Haghi**

Ubiquitous Computing Lab at the Department of Computer Science  
HTWG Konstanz  
Konstanz, Germany

**Stéfan Darmoni**

Professor of Digital Health and Medical Informatics

Rouen University Hospital & INSERM U1142, LIMICS, Sorbonne University, Paris  
France

**Julien Grosjean**

Rouen University Hospital & INSERM U1142, LIMICS, Sorbonne University, Paris  
France