

## DRAFT PROGRAMME

### 7<sup>th</sup> INTERNATIONAL CONFERENCE NOVA Health

#### “Tackling Pandemics: Strategies for Prevention, Preparedness and Response”

18<sup>th</sup> November 2024 | Nova Rectorate | Campolide Campus

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9.00h: Opening Remarks

Rector Professor Doctor João Sáágua

Pró-Rector Professor Doctor Cláudio Soares

#### Session 1 – Environment and human health

**Chairs: Susana Viegas, Gonçalo Figueiredo Augusto**

9.10h: **Aleksandra Kazmierczak** | European Environment Agency

***Infectious diseases under the changing climate: risk and preparedness in Europe***

9.30h: **Ricardo Assunção** | Egas Moniz School of Health & Science

***From Farm to Climate: Navigating the Interplay Between Food Systems and Climate Change***

9.45h: **César Capinha, Iuria Betco, Jorge Rocha** | Institute of Geography and Spatial Planning - University of Lisbon

***From Maps to Action: Comprehensive Strategies for Pandemic Prevention and Response***

10.00h: **Oral communication 1**

**Inês Martins Alves** | NOVA Institute of Hygiene and Tropical Medicine

***Epidemiological Surveillance of SARS-CoV-2 in a Cohort of Portuguese Schools***

10.10h: **Oral communication 2**

**Rebeca Pabst** | NOVA Institute of Hygiene and Tropical Medicine

***Vector-Borne Diseases: the reason behind its increase***

10.20h: Coffee Break / Poster Session

## **Session 2 - Pandemics preparedness**

**Chairs: Carla Sousa, Pedro Cravo**

10.50h: **André Peralta-Santos** | NOVA National School of Public Health

***Pandemics: Never again***

11.05h: **Paula Patrício** | NOVA School of Science and Technology (NOVA FCT)

***Mathematical models for infectious Diseases***

11.20h: **Alda Correia** | NOVA School of Social Sciences and Humanities

***Narrative Medicine in Pandemics Context***

11.35h: **Oral communication 3**

**Carolina Buga** | NOVA Institute of Chemical and Biological Technology

***SARS-CoV-2 viral entry: the role of the N-terminal and internal fusion peptides in membrane fusion***

11.45h: **Oral communication 4**

**Diogo Silva** | NOVA Institute of Chemical and Biological Technology

***Rapid Therapeutic Development Using AI-Driven Protein Design: Targeting SARS-CoV2 as a Proof of Concept***

11.55h: **Roundtable with session speakers**

12.30h: Lunch

13.30h: Poster session

### Session 3 – Therapeutics and management

**Chairs: Maria Miragaia, Diana Lousa**

14.00h: **João Paulo Gomes** | National Institute of Health Dr Ricardo Jorge (INSA)

***Microbial genomics as a public health borderless compass for the detection and monitoring of emerging infectious agents and outbreak control***

14.30h: **Paulo Paixão** | NOVA Medical School

***Tackling pandemics: a medical perspective***

14.45h: **Catarina Pimentel** | NOVA Institute of Chemical and Biological Technology

***Fungal Threats in Pandemic Preparedness: Treatment challenges and the antifungal potential of copper-azole complexes***

15.00h: **Sofia Costa** | NOVA Institute of Hygiene and Tropical Medicine

***Drug repurposing for efflux and biofilm inhibition as a strategy to fight antimicrobial resistance, a silent pandemic***

15.15h: **Isabel Carvalho-Oliveira** | Agency for Clinical Research and Biomedical Innovation

***European Partnership in Pandemic Preparedness***

15.30h: **Susana Castro Marques** | Pfizer

***Pharmaceutical Industry post-Pandemic: Lessons Learnt and Future Directions***

16.00h: **Oral communication 4**

**Inês Saraiva** | GIMM – Gulbenkian Institute for Molecular Medicine

***A new broad-spectrum antiviral strategy against SARS-CoV-2***

16.10h: **Oral communication 5**

**Juliana Gonçalves** | NOVA Medical School

***Improving vaccine response in the elderly through modulation of the hormonal-immune axis***

**16.20h: Roundtable with Talk Speakers**

**16.50h: Best Poster Award**

**17.00h: Concluding remarks: speaker to be selected (organizing committee)**