



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Doctoral Networks:

opportunità per giovani ricercatrici e ricercatori

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GlycoNoVi – Understanding the Role of Glycans in Human Norovirus Infection: a Key to Unlock New Therapies

a Marie Skłodowska-Curie European Doctorate Network (EDN) funded by the European Commission in 2022 (Grant agreement no: 101072717).

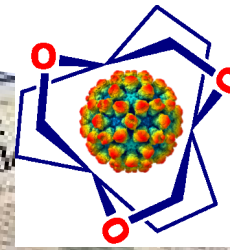
- ✓ Proposal approved in **May 2022**
- ✓ Project started in **January 2023**





What is Norovirus?





GlycoNoVi

NOROVIRUS 2023
COS'È IL VIRUS
CHE STA COLPENDO
STUDENTI E DOCENTI



Gb, boom di casi di norovirus, causa gastroenterite

Chiusi diversi reparti ospedali
ANSA – 15 gennaio 2023

Picco di contagi di influenza gastrointestinale: i quattro consigli per curarsi al meglio (e guarire prima)

Il Fatto Quotidiano – 4 febbraio 2023

Trieste, mal di pancia tra i bambini a Muggia:

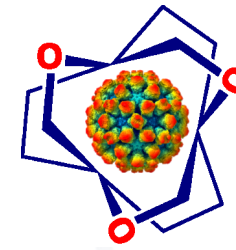
la causa è il norovirus

Repubblica – 30 aprile 2023



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Several Genotypes Animal Human transmission



GlycoNoVi

Climate Change



Istituto sull'Inquinamento Atmosferico
Consiglio Nazionale delle Ricerche



THE CONSORTIUM

1. UNIVERSITA DEGLI STUDI DI FIRENZE (UNIFI) – **Italy** (Coordinator) 
2. REACT₄LIFE SRL (R₄L) – **Italy** 
3. INBIOSE NV (INBIOSE NV) – **Belgium** 
4. GLYCOM AS (GLYCOM AS) – **Denmark** 
5. CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS (CNRS) – **France** 
6. AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, M.P. (CSIC) – **Spain** 
7. ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM (EMC) – **Netherlands** 
8. UNIVERSITAET ZU LUEBECK (UZL) – **Germany** 
9. **DIAGNOSTICS LIMITED, UK (ICENI) – United Kingdom** 
10. GHENT UNIVERSITY (UGent) – **Belgium** 
11. DANMARKS TEKNISKE UNIVERSITET, Demark (DTU) – **Denmark** 
12. UNIVERSITE' GRENOBLE ALPES (UGA) – **France** 
13. UNIVERSIDAD DE SEVILLA, ES (USE) – **Spain** 
14. **THE UNIVERSITY OF MANCHESTER, UK (UMAN) – United Kingdom** 
15. UNIVERSITA' DEGLI STUDI DI MILANO-BICOCCA, IT (UNIMB) – **Italy** 

1-8 – Beneficiaries

9-14 – Associated Partners

8 DIFFERENT COUNTRIES
4 Companies



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THE RECRUITMENT

DC ₁ – Female	Turkish
DC ₂ – Male	Indian
DC ₃ – Male	Filipino
DC ₄ – Male	Indian
DC ₅ - Male	Italian
DC ₆ – Male	German
DC ₇ – Male	Portuguese
DC ₈ – Male	Indian
DC ₉ – Female	Chinese
DC ₁₀ – Male	Hungarian

Gender Balance

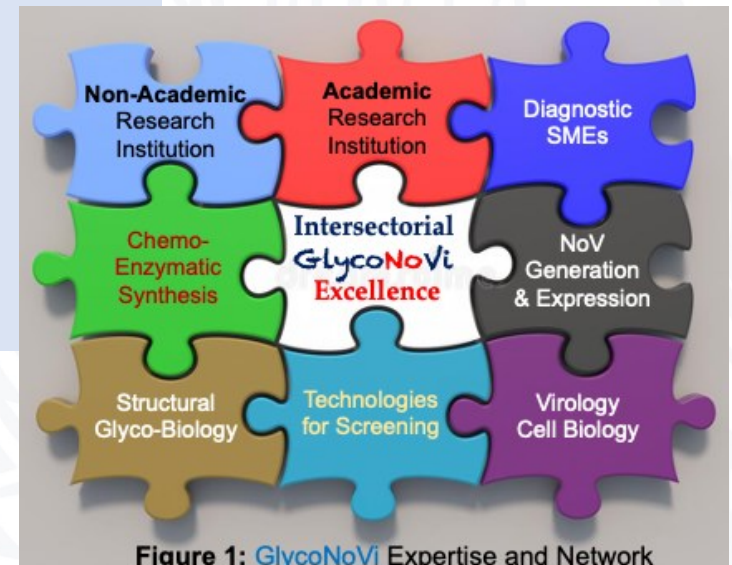


Figure 1: GlycoNoVi Expertise and Network



SECONDMENTS
(2 or 3 in the three years of the
PhD program)

Workshops & Training Schools
(1 meeting per year)



Wednesday 15/11/2023

Ethical issue, legal requirements

Ethical issue Vs. scientific data

coffee break

Surviving to a MSCA PhD

lunch

Big data, AI & Data Storage/Management

Environmental safety & Human health protection

coffee break

Biotech research & ethical issues

Discussion: DCs vs. Speakers



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Il Messaggio:

Focalizzare l'obiettivo scientifico

Chiaro programma formativo per i DCs

Consorzio interdisciplinare

Competenze complementari