



The EXSCALATE4CoV project

How Computer-Aided Drug Design techniques are supporting the fight against SARS-CoV-2

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The EXSCALATE4CoV (E4C) Project

- EXSCALATE4CoV = EXaScale smart pLatform Against paThogEns for Corona Virus
- Objectives:
 - Identify molecules capable of targeting SARS-CoV-2
 - Develop effective tools to counter future pandemics
 - Exploit European supercomputer capabilities
- Project fact sheet:
 - ~3M€ budget
 - EU H2020 emergency call in response to COVID-19 in Feb 2020
 - Duration: April 2020 - September 2021
 - 18 partners from 7 countries

EXSCALATE
4COV



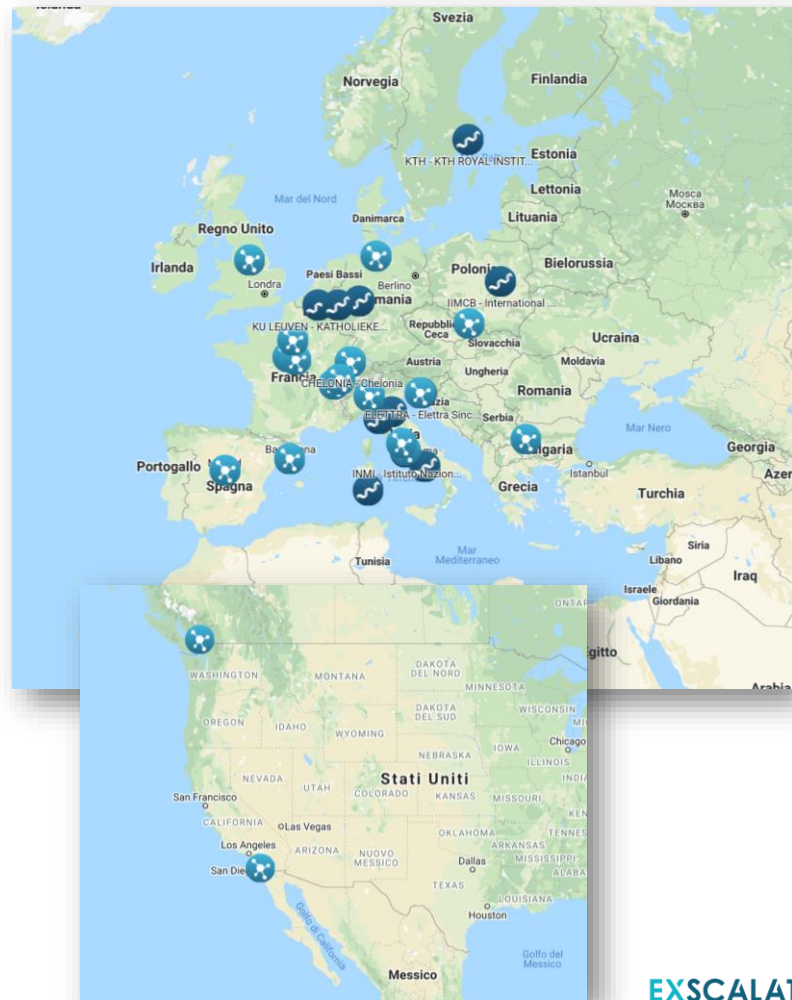
European
Commission |

E4C League

External collaborators

- DrugBox
 - Pierre Fabre, Alfasigma, Almirall, Axxam, Esteve, Lilly, Sanofi, Greenpharma, ...
- Other means
 - ENI, IT4Innovation, Esteco, Nanome Inc., Dwave, ...

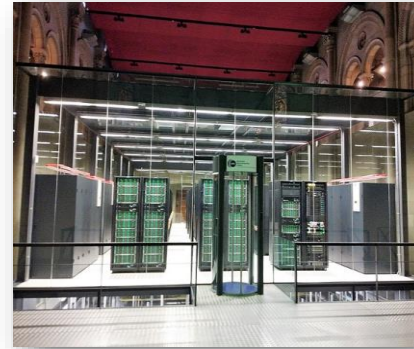
→ <https://www.exscalate4cov.eu/league.html>



European High Performance Computing



#6
HPC5
Eni S.p.A.
Italy



#37
MareNostrum
Barcelona (BSC)
Spain



#9
Marconi-100
CINECA
Italy



#65
JURECA
Juelich (FZJ)
Germany