Environmental and Biomedical Virology (The EnBiVir Lab)

The EnBiVir Lab is located at the Institute for Integrative Systems Biology (I2SysBio, UV-CSIC). Research at the EnBiVir lab is focused in the isolation and detection of viruses in nature with biomedical applications. Environmental virology, viral emergence, virus evolution, and phage discovery, are the main research lines. In addition, the group is interested in translational research, and has transfer contracts with companies with biomedical and biotech purposes.

- **Group Members**

Pilar Domingo-Calap (PI), Amanda Martínez García, Mireia Bernabéu Gimeno and Sandra Albert Colomer (Research technicians).

- **Research topics**

- **Viral Environmental Epidemiology**
- **Biomedical applications of phages**
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- **Recent articles**

- S Albert, A Ruíz, J Pemán, M Salavert, P Domingo-Calap. 2021. Eur J Clin Microbiol. 1-3.
- Pacios, et al. 2021. Antimicrob Agents Chemother. 65: e00900-21
- Una vision global de la pandemia COVID-19: Qué sabemos y qué estamos investigando desde el CSIC. 2021. e-ISBN: 978-84-00-10779-6.
- C Ferriol-González, P Domingo-Calap. 2021. Antibiotics. 10, pp. 559.
- A Al-Zaher, P Domingo-Calap, R Sanjuán. 2021. Virus Evol. 7, pp. veab045.
- A Alsaadi, et al. 2021. 12, pp. 517

- **Research projects**

- PhagTherKpn, Retos Investigación, Ministerio de Ciencia e Innovación, 2021-2024, 170K €
- PhageKpn, SEJIGENT, Generalitat Valenciana, 2020-2024 320K €
- Superfago, Ayudas FECYT, Ministerio de Ciencia e Innovación, 2020-2021, 15K €
- PhageMabs, VLC-Biomed, 2020-2021, 5K €
- FecOrSARS, PTI Salud Global/Global Health Cov19, CSIC, 2020-2021, 43K €

- **Doctoral Thesis**

Co-supervision: Beatriz Beamud Aranguren (2018-present), Lucas Mora Quilis (2020-present), Robby Concha-Eloko (2020-present), Pedro Suárez Urquiza (2021-present)

URL de la página del grupo en su institución: www.uv.es/enbivir