Long COVID-19

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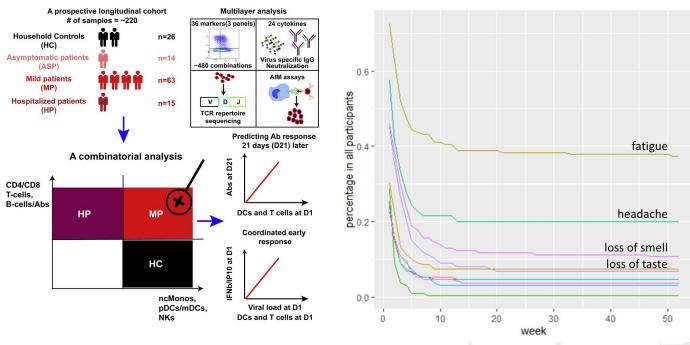
Health Security in the EU

COVID-19 lessons learned and looking ahead to ensure a stronger EU Health Security Framework



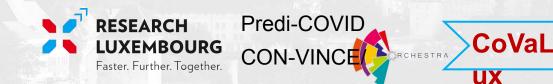
Post COVID-19 condition (long COVI

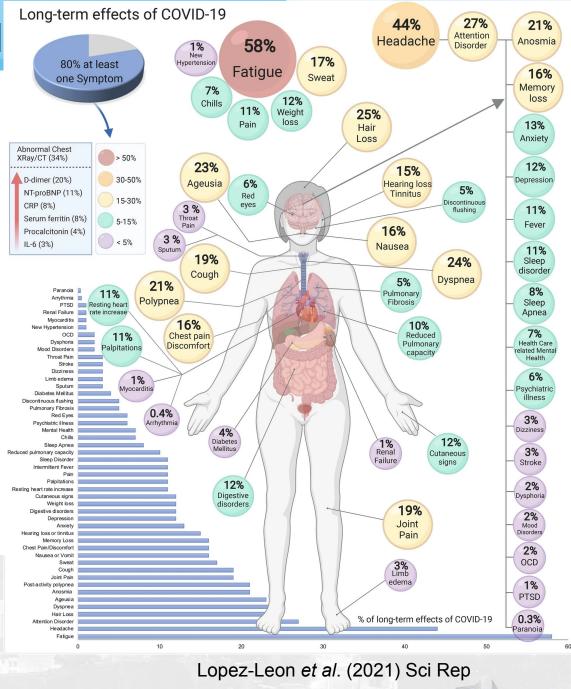
- Occurs 3 months from the onset of COVID-19
- Symptoms last for at least 2 months
- Cannot be explained by an alternative diagnosis



Capelle et al. (2022) Cell Rep Med

Predi-COVID study - unpublished data





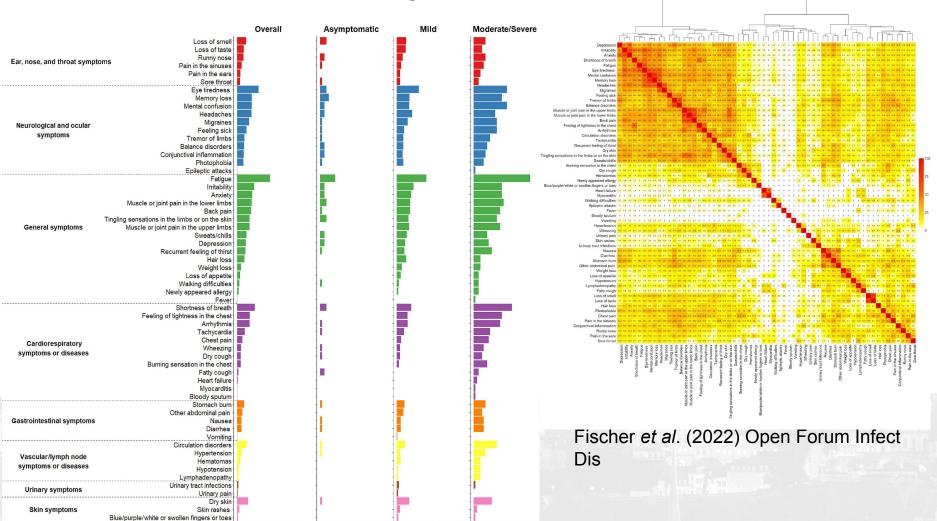


European Commission

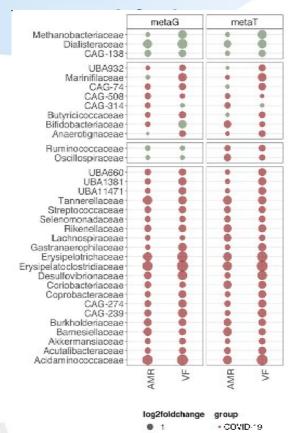
Post COVID-19 condition (long COVID)

• 60 persisting symptoms 12 months after the acute infection

• Increase in abundance and expression of virulence factors and antimicrobial resistance genes in COVID-19



COVID-19 and



de Nies, Galata, ..., Wilmes (2022) Microbiome in review (preprint: https://doi.org/10.1101/2022.10.20.51299





Thank you

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