



# Roger Moreno-Justicia

PhD student in Functional Proteomics in Metabolism

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 Roger\_MorenoJ

 rmj822

## About me

I am a young and passionate researcher within the areas of skeletal muscle physiology and proteomics. My particular research interest is the translational application of proteomics data into metabolic diseases and exercise physiology.

## Some stuff about me

- Originally from Spain, now based in Copenhagen, Denmark
- I'm rediscovering myself as a data scientist who enjoys coding and working with omics data
- I consider myself a very engaging person, eager to collaborate and share new ideas
- Participating in networking events from Danish Diabetes Academy to build a strong research network
- Amazing volleyball hitter and great guitar player

## Education

ongoing	PhD in sensitive proteomics Copenhagen, Denmark	University of Copenhagen
2021	International Master's Programme in Human Biology Copenhagen Copenhagen, Denmark	University of
2019	Bachelor's Degree in Biomedical Sciences Barcelona, Spain	University of Barcelona

## Prizes

2022	Poster award. 1st prize at the poster competition during Metabolism Day at CBMR
2022	Poster award. Runner's up prize at the poster competition during Metabolism in Action symposium from the Novo Nordisk Foundation

## Computer Skills

R	Programming Language. Advanced
Python	Programming Language. Beginner
Bash	Programming Language. Beginner
Quarto	Programming Language. Intermediate
Windows	Operative system. Advanced
Linux	Operative system. Intermediate
Max Quant	Software. Advanced
Perseus	Software. Advanced
DIA-NN	Software. Advanced
MS-Fragger	Software. Advanced

## Publications

2022	1st author. Moreno-Justicia R, Gonzalez-Franquesa A, Stocks B, Deshmukh AS. Protocol to characterize mitochondrial supercomplexes from mouse tissues by combining BN-PAGE and MS-based proteomics. STAR Protoc. 2022 Jan 28;3(1):101135. doi: 10.1016/j.xpro.2022.101135. PMID: 35128478; PMCID: PMC8808288.
2021	Co-author. Gonzalez-Franquesa A, Stocks B, Chubanava S, Hattel HB, Moreno-Justicia R, Peijs L, Treebak JT, Zierath JR, Deshmukh AS. Mass-spectrometry-based proteomics reveals mitochondrial supercomplexome plasticity. Cell Rep. 2021 May 25;35(8):109180. doi: 10.1016/j.celrep.2021.109180. PMID: 34038727.
2020	Co-author. Lahiguera Á, Hyrošová P, Figueras A, Garzón D, Moreno R, Soto-Cerrato V, McNeish I, Serra V, Lazaro C, Barretina P, Brunet J, Menéndez J, Matias-Guiu X, Vidal A, Vilanueva A, Taylor-Harding B, Tanaka H, Orsulic S, Junza A, Yanes O, Muñoz-Pinedo C, Palomero L, Pujana MÀ, Perales JC, Viñals F. Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with PARP inhibitors. EMBO Mol Med. 2020 Jun 8;12(6):e11217. doi: 10.15252/emmm.201911217. Epub 2020 May 13. PMID: 32400970; PMCID: PMC7278557