**ESTRUCTURA DE MACROMOLECULAS**

Programa de seminarios del curso 2023-2024

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| **EQUIPO** | **SEMINARIO ESCOGIDO** | **Día**  |
| María MuñozBelén QuílezJulio Marí | [Pujols etal (2018)](https://jsancho.bifi.es/wp-content/uploads/Pujolsetal2018.pdf%22%20%5Ct%20%22_blank)A novel small molecule inhibits α-synuclein aggregation, disrupts amyloid fibrils and prevents degeneration of dopaminergic neurons | 27 Noviembre |
| Jara MurguíaMaría MorenoMiriam MurilloPaula Compains | [Salillas etal (2021)](https://jsancho.bifi.es/wp-content/uploads/Salillasetal2021.pdf)Selective targeting of human and animal pathogens of the Helicobacter genus by flavodoxin inhibitors: efficacy, synergy, resistance, and mechanistic studies | 27 Noviembre |
| Alejandro LuzónRaúl JovenAlejandro Bueno | [Conde-Giménez etal (2022)](https://jsancho.bifi.es/wp-content/uploads/Conde-Gimenezetal2022.pdf)Alchemical Design of Pharmacological Chaperones with higher Affinity for Phenylalanine Hydroxylase | 28 Noviembre |
| **Carmen Marquina****Laura Alcala****Beatriz Herrero****María F Robayo** | [Lamazares etal (2015)](https://jsancho.bifi.es/wp-content/uploads/Lamazaresetal2015.pdf)Rational stabilization of complex proteins: a divide and combine approach | 28 Noviembre |
| Telmo AraguésSergio AngoyLucas CortésSergio González | [Conde-Jiménez & Sancho(2021)](https://jsancho.bifi.es/wp-content/uploads/Conde-JimenezSancho2021.pdf)Unravelling the Complex Denaturant and Thermal-InducedUnfolding Equilibria of Human Phenylalanine Hydroxylase | 29 Noviembre |
| **Jimena Exquerra****Julia Galindo****Gloria Gracia****Elena Pérez** | [Galano-Frutoset al2022](https://jsancho.bifi.es/wp-content/uploads/Galano-Frutoset-al2022.pdf)A look at the face of the molten globule: structural model of the Helicobacter pylori apoflavodoxin ensemble at acidic pH | 29 Noviembre |
| Andrea GalegoAlba RuizAlejandra Pastor | [Galano-Frutos etal (2021)](https://jsancho.bifi.es/wp-content/uploads/Galano-Frutosetal2021.pdf)Molecular Dynamics Simulations for Genetic Interpretation in Protein Coding Regions: Where we Are, Where to Go and When | 4 Diciembre |
| Isabel BuñuelJulia CondePaula CalveteLucía Buisán | [Galano-Frutos etal (2022)](https://jsancho.bifi.es/wp-content/uploads/Galano-Frutos-etal2022.pdf)PirePred: An Accurate Online Consensus Tool to Interpret Newborn Screening Related Genetic Variants in Structural Context | 4 Diciembre |
| Andrea FanloAida BiotaDaniel BarragánPaula Serrano | [García-Cebollada etal (2022)](https://jsancho.bifi.es/wp-content/uploads/Garcia-Cebolladaetal2022.pdf)Protposer: the web server that readily proposes protein stabilizing mutations with high PPV | 5 Diciembre |
| **Elisa Fau****Miriam Martínez****Adriana Romero****Sandra Martín** | [Lamazares et](https://jsancho.bifi.es/wp-content/uploads/Lamazares-et-al_2017.pdf) [al (2017)](https://jsancho.bifi.es/wp-content/uploads/Lamazares%20et%20al_2017.pdf)Direct examination of the relevance for folding,binding and electron transfer of a conservedprotein folding intermediate | 5 Diciembre |