**ESTRUCTURA DE MACROMOLECULAS**

Programa de seminarios del curso 2024-2025

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| **EQUIPO** | **SEMINARIO ESCOGIDO** | **Día** |
| Joan Brito Guarin  Sergio Pereda Peco  Daniel Monar Coello  Jim Cabrerizo Carreras | [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 |  |
| Elsa Cámara Domene  Ana Gil Sampériz  Sofía Orozco Layos  Weili Xu | [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 |  |
| María Gomez  Leire Lacilla  Irene Lana  Elsa Santacruz | [Galano-Frutosetal (2024)](https://jsancho.bifi.es/wp-content/uploads/Galano-Frutosetal2024.pdf) L-Thyroxine and L-thyroxine-based antimicrobials against Streptococcus pneumoniae and other Gram-positive bacteria |  |
|  | [Lamazares etal (2015)](https://jsancho.bifi.es/wp-content/uploads/Lamazaresetal2015.pdf) Rational stabilization of complex proteins: a divide and combine approach |  |
|  | [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 |  |
| Ariana Ferruz Arilla  María Led Clemente  Claudia Simón Millán  Paula Yus Vinues | [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 |  |
| Vera Cubero Lardiés  Ana María Fuster Bosh  Cristina García Martín  Lydia García Mingarro | [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 |  |
| Mario Salafranca  Ixeia Morán  Ariadne Vasquez  Gabriel Molina | [Alonso etal (2024).pdf](https://jsancho.bifi.es/wp-content/uploads/Alonsoetal2024.pdf) Association between missense variants of uncertain significance in the CHEK2 gene and hereditary breast cancer: a cosegregation and bioinformatics analysis |  |
|  | [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 |  |
| Pablo Zorraquino  Javier Mateo  Adrián Frías  Manuel Aranda | [Galano-Frutos&Sancho(2024)](https://jsancho.bifi.es/wp-content/uploads/Galano-FrutosSancho2024.pdf) Energy, water, and protein folding: A molecular dynamics based quantitative inventory of molecular interactions andforces that make proteins stable |  |

**Trabajos para el curso 2024-2025**