

Seminars from the Structural Biology and Molecular and Cellular Biophysics courses:

May 4th:

- Gao et al. *Expansion Microscopy*. BMC Biology. 2017

Patrícia Rocha

Mariana Pereira

- Avitabile et al. *Circular Dichroism studies on the interactions of antimicrobial peptides with bacterial cells*. Sci. Rep. 2014

Joana Gonçalves

Filipa Nunes

May 14th:

- Wilhoft et al. *Structure and dynamics of the yeast SWR1-nucleosome complex*. Science. 2018.

Nuno Melo

Romeu Viana

- Halfon et al. *Structure of Pseudomonas aeruginosa ribosomes from an aminoglycoside-resistant clinical isolate*. PNAS. 2019.

Mirela Ferreira

Sara Gomes

- Huang et al. *Multiple conformations of full-length p53 detected with single-molecule fluorescence resonance energy transfer*. PNAS. 2014

Adriana Inácio

Iryna Vykh

- Oldham et al. *Structural basis for substrate specificity in the Escherichia coli maltose transport system*. PNAS. 2013

Beatriz Vicente

Francisco Landum

May 21th:

- Peckys et al. *Epidermal growth factor receptor subunit locations determined in hydrated cells with environmental scanning electron microscopy*. Sci. Rep. 2013

Tina Modrijan
Leonard Egner

- Yan et al. *Structural basis for the recognition of SARS-CoV-2 by full-length human ACE2*. Science. 2020

Carina Franing Rutledal
Nina Bach-Gansmo
Linnea Wivilson

- Banerjee et al. *2.3 Å resolution cryo-EM structure of human p97 and mechanism of allosteric inhibition*. Science. 2016

Margarida Rolo
Raquel Guerreiro

May 25th:

- Gomes et al. *NMR structures in different membrane environments of three ocellatin peptides isolated from *Leptodactylus labyrinthicus**. Peptides. 2016

Francisco Ferraz
Mariana Vinagre

- Fusco et al. *Structural basis of membrane disruption and cellular toxicity by α -synuclein oligomers*. Science. 2017

Alexandra Sousa
Raquel Figueiredo

- Carmona et al. *Study of ferritin self-assembly and heteropolymer formation by the use of Fluorescence Resonance Energy Transfer (FRET) technology*. Biochim Biophys. Acta Gen. Subj. 2017.

Filipa Moreira
Ana Sousa

May 28th:

- Liu et al. *Novel tool to quantify cell wall porosity relates wall structure to cell growth and drug uptake*. J. Cell Biol. 2019.

Nuno Melo

Romeu Viana

- Thoma et al. *Protein-enriched outer membrane vesicles as a native platform for outer membrane protein studies*. Commun. Biol. 2018

António Seixas

- Alam and Balani. *Adhesion force of staphylococcus aureus on various biomaterial surfaces*. J Mech Behav Biomed. 2017.

Mirela Ferreira

Sara Gomes

- Zhang et al. *Cryo-EM Reveals How Human Cytoplasmic Dynein Is Auto-inhibited and Activated*. Cell. 2017

Rafael Jimenez