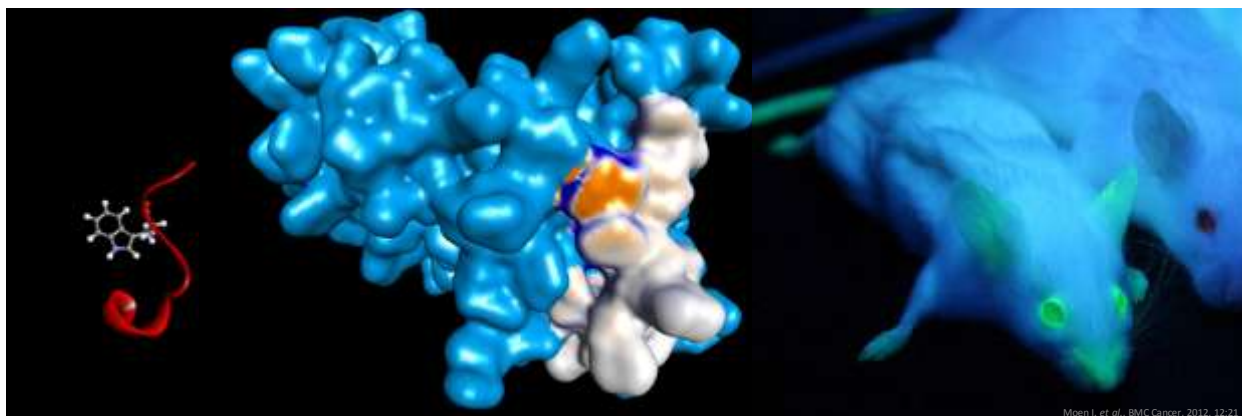


Introduction to Molecular Biophysics and General Biology

Institute of Physics PAS, 32/46 Lotników Ave., room B

Wednesdays, 11 a.m. - 1 p.m.

The course starts on 6th March, 2019



This lecture course is thought as a concise introduction into the interdisciplinary field for newcomers as well as for those who study(ied) biophysics and need some clarification, ordering and extension of their knowledge. The full course encompasses two semesters, *ca.* 30 hours of lectures (2 ECTS) each. Written exams in the form of open descriptive questions are planned at the end of each semester.

1st semester (6th March, 2019 - 12th June, 2019)

1. Fundamentals - dr Remigiusz Worch

2. Principles, Phenomena, Processes - dr hab. Bartosz Różycki

3. Methods - Theoretical approaches - dr hab. Bartosz Różycki

4a. Methods - Review of experimental methods and their applications (to be continued) - dr hab. Anna Niedźwiecka, prof. IF PAN - coordinator, e-mail: annan@ifpan.edu.pl

2nd semester (2nd October, 2019 - 29th January, 2020)

4b. Methods - Review of experimental methods and their applications (continued) - dr hab. Anna Niedźwiecka, prof. IF PAN

5. Large biomolecular complexes, their structures and mechanisms of interaction resolved by application of complementary methodological approaches - all lecturers

6. Big picture of life - prof. dr hab. Marek Ciepla