

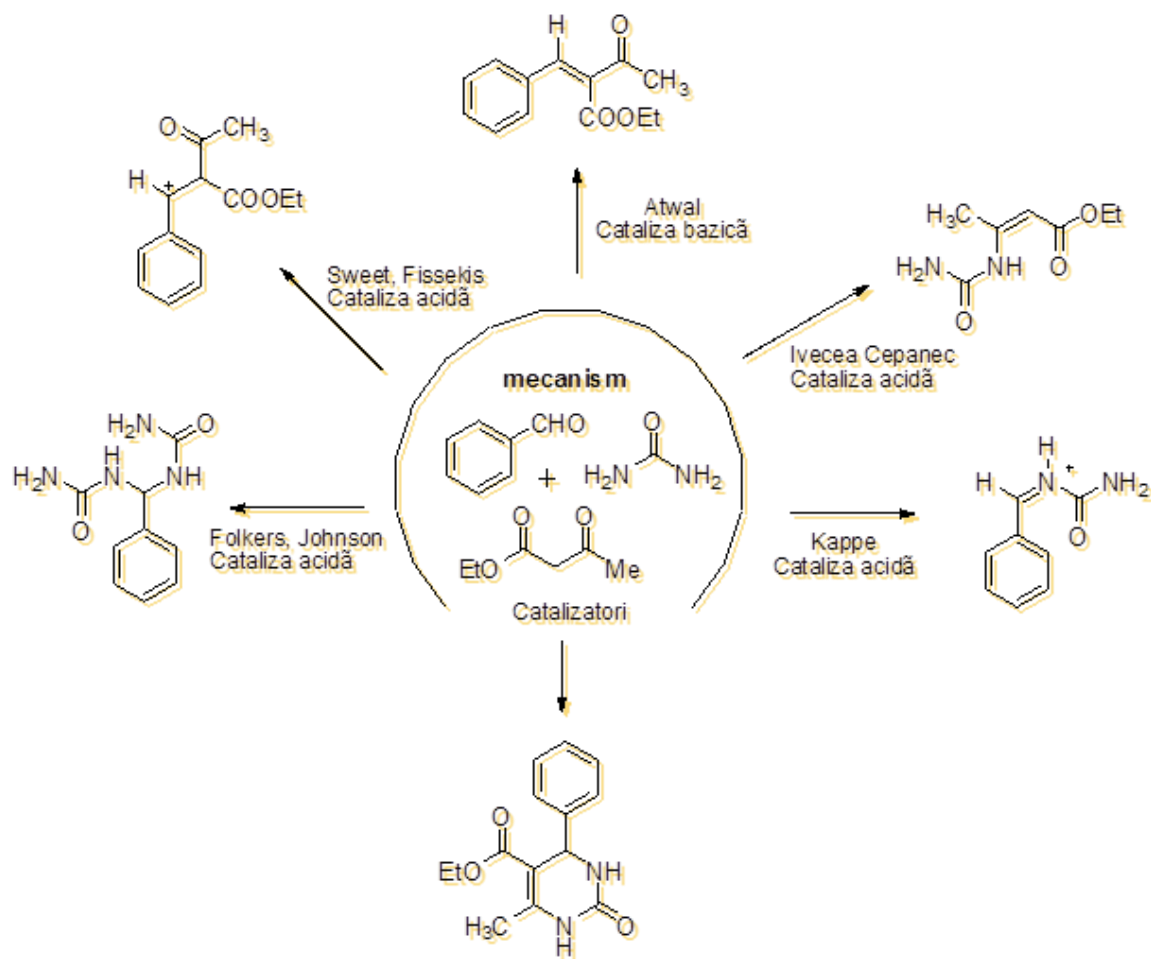
SEMINAR SERIES FOR POSTGRADUATE SCIENTIST AND EARLY-CAREER RESEARCHERS

Чобану Наталья

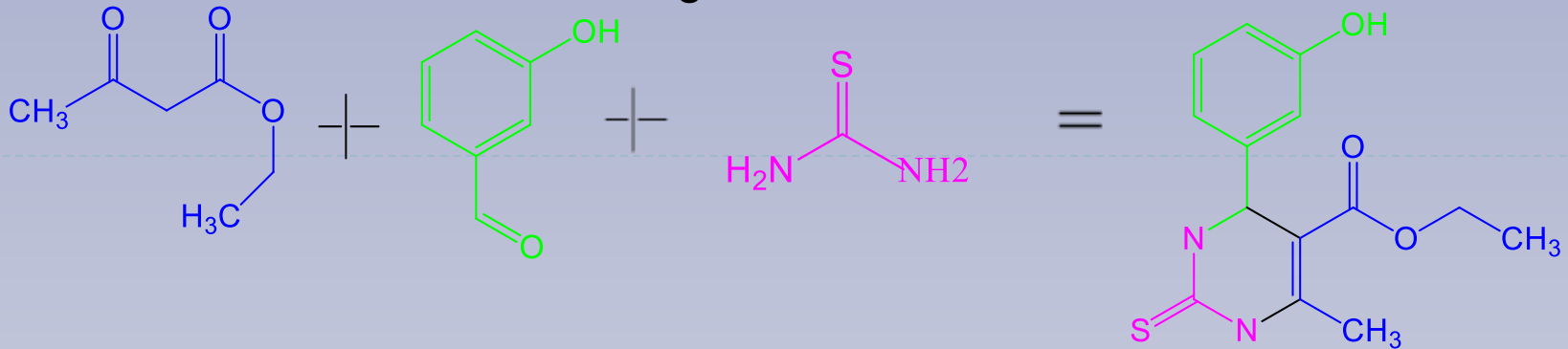
Молдова, Кишинэу, Институт химии, лаборатория ОС

HOW HAS THE **HUMAN** TRANSFORMED SCIENCE?

Mechanisms of the Biginelli reaction



Biginelli reaction

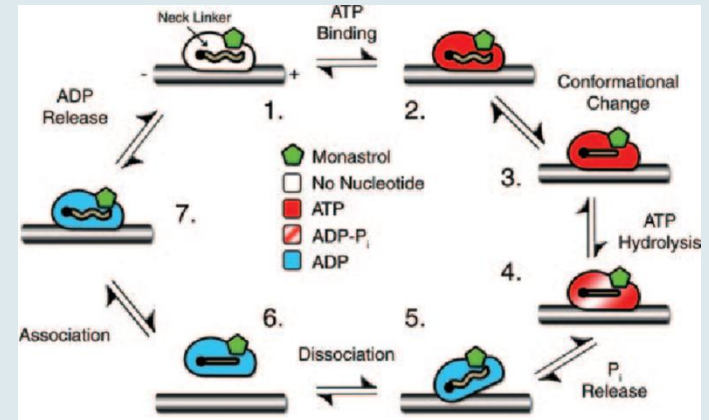


Acetoacetic ether + 3-hydroxybenzaldehyde + Thiourea = Monastrol

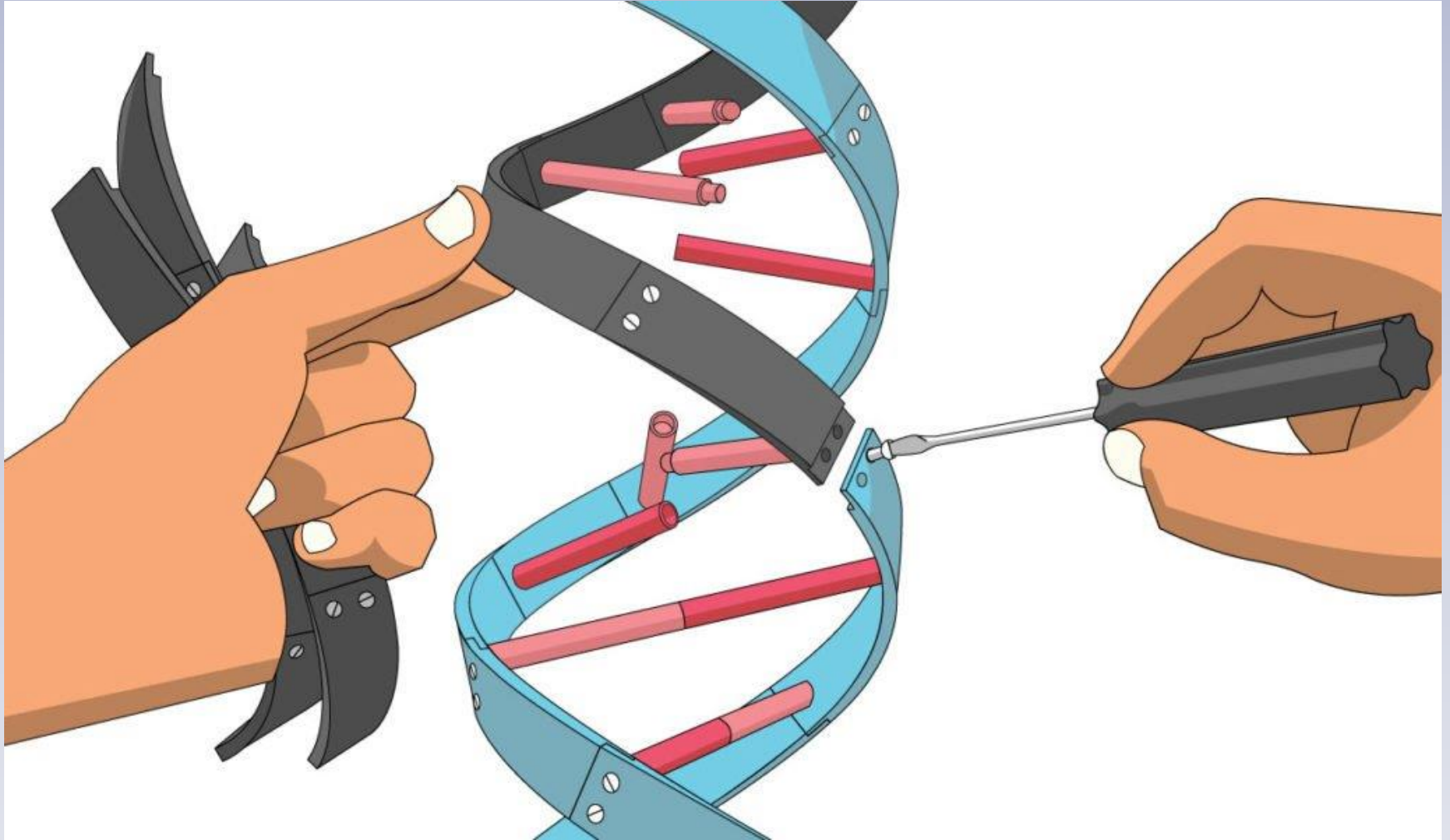
etil 4-(3-hidroxifenil)-6-metil-2-tioxo-1,2,3,4-tetrahidropirimidină-5-carboxilat

Biological activities:
anti-inflammatory;
antitumor;
antibacterial;
antifungal;
antihypertensive;
antituberculostatică;
analgesic;
antiprotozoic, etc.

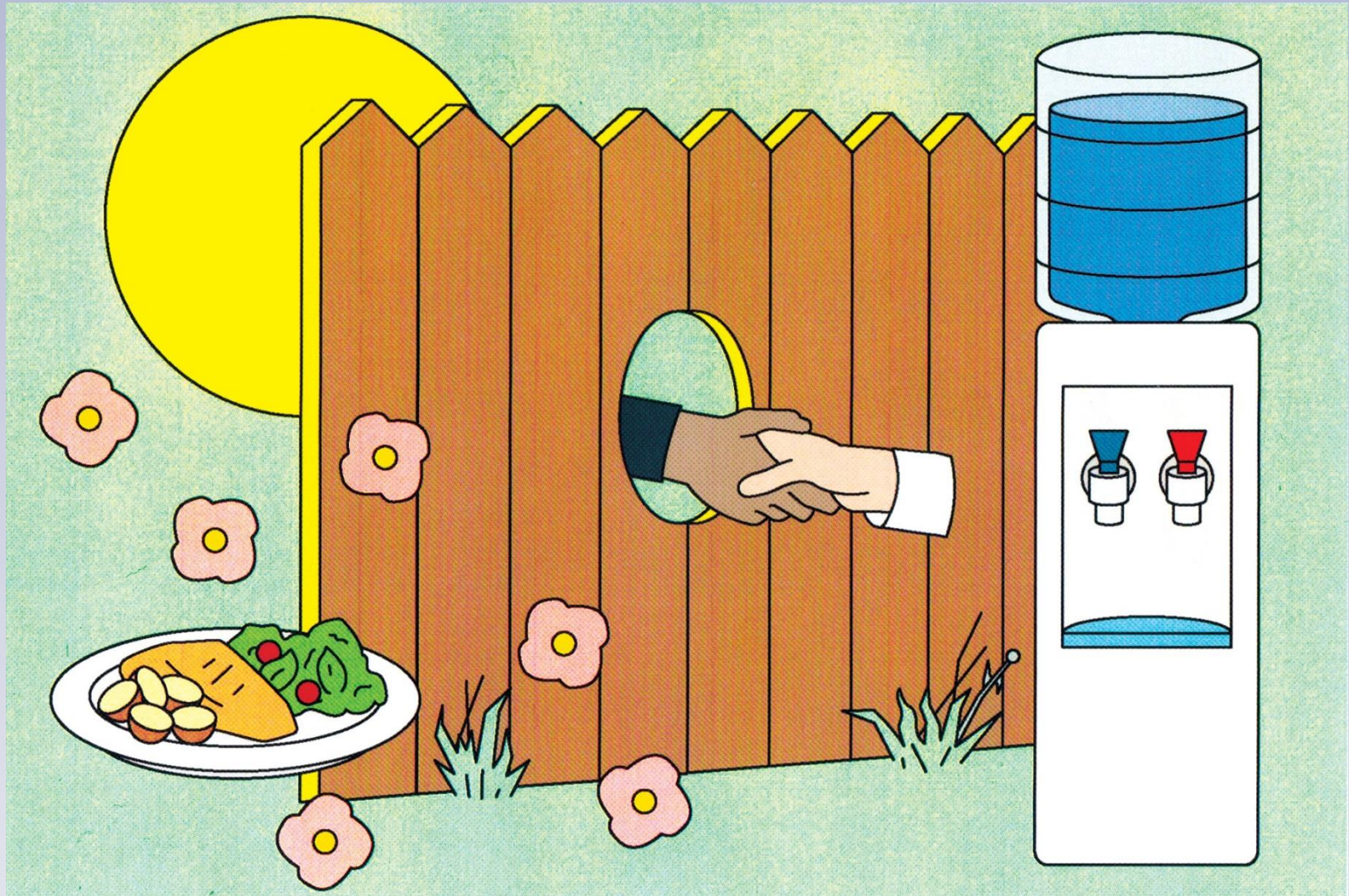
**monastrol as an
Eg5 inhibitor**



What are the wider implications of the area of research that you are working on?



How do you see issues of responsible science relating to your work?



Were there any additional topics that could have been covered in this online seminar series and why would it have been useful to cover them?



Is there anything that the seminar team could do that would be useful to promote thinking about responsible science in the work of you and your colleagues?



The time will come when science will
outstrip fantasy. ...



THANK YOU FOR YOUR ATTENTION

