

**Medicinska biokemija in molekularna genetika 2018/19**[illegible]

|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|----------|-------------------|-------|-----------------------------------------------------------------------------|-------|---|---------------------------------------------------------------------------------------------------------------|-------|-------|-----------------------------------------|-------|---|-----------------------------------------------------------------------------------|-------|-------|--|--|
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
| 6        | 5. november 2018  |       |                                                                             | 10-12 | 1 | Primeri prenosa signala v medicini                                                                            | 8-10  | 3     | Spletna orodja v molekularni genetiki   | 10-13 | 3 | Pristopi za analizo rekombinantnih plazmidnih vektorjev                           | V4    |       |  |  |
|          |                   |       |                                                                             | 12-13 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             | 13-14 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          |                   |       |                                                                             | 14-16 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 6. november 2018  | 8-10  | Prenos signala (2/2)                                                        | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 1     |   |                                                                                   | 16-19 | 1     |  |  |
|          |                   |       | Hormoni, ki uravnavajo metabolizem (1/2)                                    | 16-18 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 7. november 2018  | 13-14 | Hormoni, ki uravnavajo metabolizem (2/2)                                    | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          | 8. november 2018  | 10-12 | ATP kot metabolični posrednik energije in pregled celične respiracije (1)   |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       | Citratni cikelus in viri acetil-CoA (1)                                     |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 9. november 2018  |       |                                                                             |       |   |                                                                                                               | 10-12 | 3     |                                         | 12-15 | 3 |                                                                                   |       | DPI 1 |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
| 7        | 12. november 2018 |       |                                                                             | 10-12 | 1 | Pregled rezultatov DPI, diskusija; Citokromi P450 in njihov pomen v medicini                                  | 8-10  | 3     | Prenos signala (§§1)                    | 10-13 | 3 | Uporaba spletnih orodij za analizo proteinov                                      | V5    |       |  |  |
|          |                   |       |                                                                             | 12-13 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             | 13-14 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          |                   |       |                                                                             | 14-16 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 13. november 2018 | 8-10  | Citratni cikelus: reakcije in uravnavanje hitrosti (1)                      | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 1     |   |                                                                                   | 16-19 | 1     |  |  |
|          |                   |       | Oksidativna fosforilacija (1)                                               | 16-18 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 14. november 2018 | 13-14 | Oksidacije, ki niso povezane z dihalno verigo (1)                           | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          | 15. november 2018 | 10-12 | Toksičnost kisika in vloga prostih radikalov (1)                            |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       | Glikoliza (1/2)                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 16. november 2018 |       |                                                                             |       |   |                                                                                                               | 10-12 | 3     |                                         | 12-15 | 3 |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
| 8        | 19. november 2018 |       |                                                                             | 10-12 | 1 | Vloga Ac-CoA v mitohondrijih, citosolu in jedru. Izoencimi izocitrat dehidrogenaze in njihov pomen v medicini | 8-10  | 3     | miRNA (§§2)                             | 10-13 | 3 | Eksperimentalne metode za študij metabolizma                                      | V6    |       |  |  |
|          |                   |       |                                                                             | 12-13 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             | 13-14 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          |                   |       |                                                                             | 14-16 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 20. november 2018 | 8-10  | Glikoliza (2/2)                                                             | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 1     |   |                                                                                   | 16-19 | 1     |  |  |
|          |                   |       | Metabolizem glikogena (1)                                                   | 16-18 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 21. november 2018 | 13-14 | Vstop drugih OH v razgradnjo (1)                                            | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          | 22. november 2018 | 10-12 | Fosfoglukonatna pot (1)                                                     |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       | Oksidativna razgradnja maščobnih kislin (1)                                 |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 23. november 2018 |       |                                                                             |       |   |                                                                                                               | 10-12 | 3     |                                         | 12-15 | 3 |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
| 9        | 26. november 2018 |       |                                                                             | 10-12 | 1 | Prirojene bolezní metabolizma piruvata, citratnega cikla in respiratorne verige                               | 8-10  | 3     | Glukokinaza in homeostaza glukoze (§§3) | 10-13 | 3 | Kvantitativno določanje glikogena v tkivih                                        | V7    |       |  |  |
|          |                   |       |                                                                             | 12-13 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             | 13-14 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          |                   |       |                                                                             | 14-16 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 27. november 2018 | 8-10  | Oksidativna razgradnja maščobnih kislin in metabolizem ketonskih spojin (1) | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 1     |   |                                                                                   | 16-19 | 1     |  |  |
|          |                   |       | Glukoneogeneza (1)                                                          | 16-18 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 28. november 2018 | 13-14 | Biosintezne poti nekaterih di- in polisaharidov (1)                         | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          |                   |       | (SM) Metabolizem OH - primeri iz medicine (1) - sodelujeta 2 klinika        |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 29. november 2018 | 10-12 |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       | Biosinteza maščobnih kislin (1)                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 30. november 2018 |       |                                                                             |       |   |                                                                                                               | 10-12 | 3     |                                         | 12-15 | 3 |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
| 10       | 3. december 2018  |       |                                                                             | 10-12 | 1 | Priprava na DPI. Metabolizem fruktoze                                                                         | 8-10  | 3     | ROS (§§4)                               | 10-13 | 3 | Določanje aktivnosti AO encimov in peroksidacije lipidov v hemolizatu eritrocitov | V8    |       |  |  |
| teden UL |                   |       |                                                                             | 12-13 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       |                                                                             | 13-14 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          |                   |       |                                                                             | 14-16 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 4. december 2018  | 8-10  | Metabolizem TAG (1)                                                         | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 1     |   |                                                                                   | 16-19 | 1     |  |  |
|          |                   |       | Uravnavanje metabolizma goriv (1)                                           | 16-18 | 1 |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 5. december 2018  | 13-14 | Integracija metabolizma OH in lipidov (1)                                   | 14-16 | 1 |                                                                                                               |       | 14-16 |                                         | 3     |   |                                                                                   | 16-19 | 3     |  |  |
|          | 6. december 2018  | 10-12 | Metabolizem fosfolipidov in glikolipidov (1)                                |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          |                   |       | Metabolizem eikozanoidov (1)                                                |       |   |                                                                                                               |       |       |                                         |       |   |                                                                                   |       |       |  |  |
|          | 7. december 2018  |       |                                                                             |       |   |                                                                                                               | 10-12 | 3     |                                         | 12-15 | 3 |                                                                                   |       |       |  |  |

[illegible]

|    |                 |       |                                              |       |   |                                                       |       |   |                                         |       |   |                                  |       |
|----|-----------------|-------|----------------------------------------------|-------|---|-------------------------------------------------------|-------|---|-----------------------------------------|-------|---|----------------------------------|-------|
|    |                 |       | (SM) Biokemija tkiv in organov (2/2)         |       |   |                                                       |       |   |                                         |       |   |                                  |       |
|    | 18. januar 2019 |       |                                              |       |   | 10-12                                                 | 3     |   |                                         | 12-15 | 3 |                                  |       |
|    |                 |       |                                              |       |   |                                                       |       |   |                                         |       |   |                                  |       |
| 17 | 21. januar 2019 |       |                                              | 10-12 | 1 | Pregled metabolizma z aktivnim sodelovanjem študentov | 8-10  | 3 | Zagovor seminarjev/ponavljalni kolokvij | 10-13 | 3 | Zagovor vaj/ponavljalni kolokvij | V13   |
|    |                 |       |                                              | 12-13 | 1 |                                                       |       |   |                                         |       |   |                                  |       |
|    |                 |       |                                              | 13-14 | 1 |                                                       | 14-16 | 3 |                                         | 16-19 | 3 |                                  |       |
|    |                 |       |                                              | 14-16 | 1 |                                                       |       |   |                                         |       |   |                                  |       |
|    |                 |       |                                              | 14-16 | 1 |                                                       | 14-16 | 1 |                                         | 16-19 | 1 |                                  |       |
|    | 22. januar 2019 | 8-10  | (SM) Integracija biokemijskih procesov (1/3) | 14-16 | 1 |                                                       |       |   |                                         | 16-19 | 3 |                                  |       |
|    |                 |       | (SM) Integracija biokemijskih procesov (2/3) | 16-18 | 1 |                                                       |       |   |                                         |       |   |                                  |       |
|    | 23. januar 2019 | 13-14 | (SM) Integracija biokemijskih procesov (3/3) | 14-16 | 1 |                                                       | 14-16 | 3 |                                         | 16-19 | 3 |                                  |       |
|    | 24. januar 2019 | 10-12 | (SM) Priprava na izpit (1/2)                 |       |   |                                                       |       |   |                                         |       |   |                                  | DPI 3 |
|    |                 |       | (SM) Priprava na izpit (1/2)                 |       |   |                                                       |       |   |                                         |       |   |                                  |       |
|    | 25. januar 2019 |       |                                              |       |   |                                                       | 10-12 | 3 |                                         | 12-15 | 3 |                                  |       |
|    |                 |       |                                              |       |   |                                                       |       |   |                                         |       |   |                                  |       |
|    |                 |       |                                              |       |   |                                                       |       |   |                                         |       |   |                                  |       |

SM, predavanja samo za študente Medicina

\*zaradi praznikov se DOŠi, seminarji in vaje izvajajo brez nekaterih odmorov in se pouk izvede v 13 namesto 15 tednih