**Winter semester 2023/24**

**Lectures (10 x 1h) Monday 11.30-12.15**

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| **Data** | **Topic** |
| **02.10.2023** | Energetics of the cell, biological oxidation and oxidative stress– part 1 |
| **09.10.2023** | Energetics of the cell, biological oxidation and oxidative stress– part 2 |
| **16.10.2023** | Metabolic profile of the liver and metabolism of iron – part 1 |
| **23.10.2023** | Metabolic profile of the liver and metabolism of iron – part 2 |
| **06.11.2023** | Metabolic profile of the alimentary system. Metabolic adaptation to varying conditions of the organism. |
| **13.11.2023** | Metabolic profiles of the skeletal muscles, heart and brain. |
| **20.11.2023** | Metabolic profile of the blood cells – part 1 |
| **27.11.2023** | Metabolic profile of the blood cells – part 2. Biochemistry of the inflammatory state. |
| **04.12.2023** | Metabolic reprogramming of cancer cells – part 1 |
| **11.12.2023** | Metabolic reprogramming of cancer cells – part 2 |