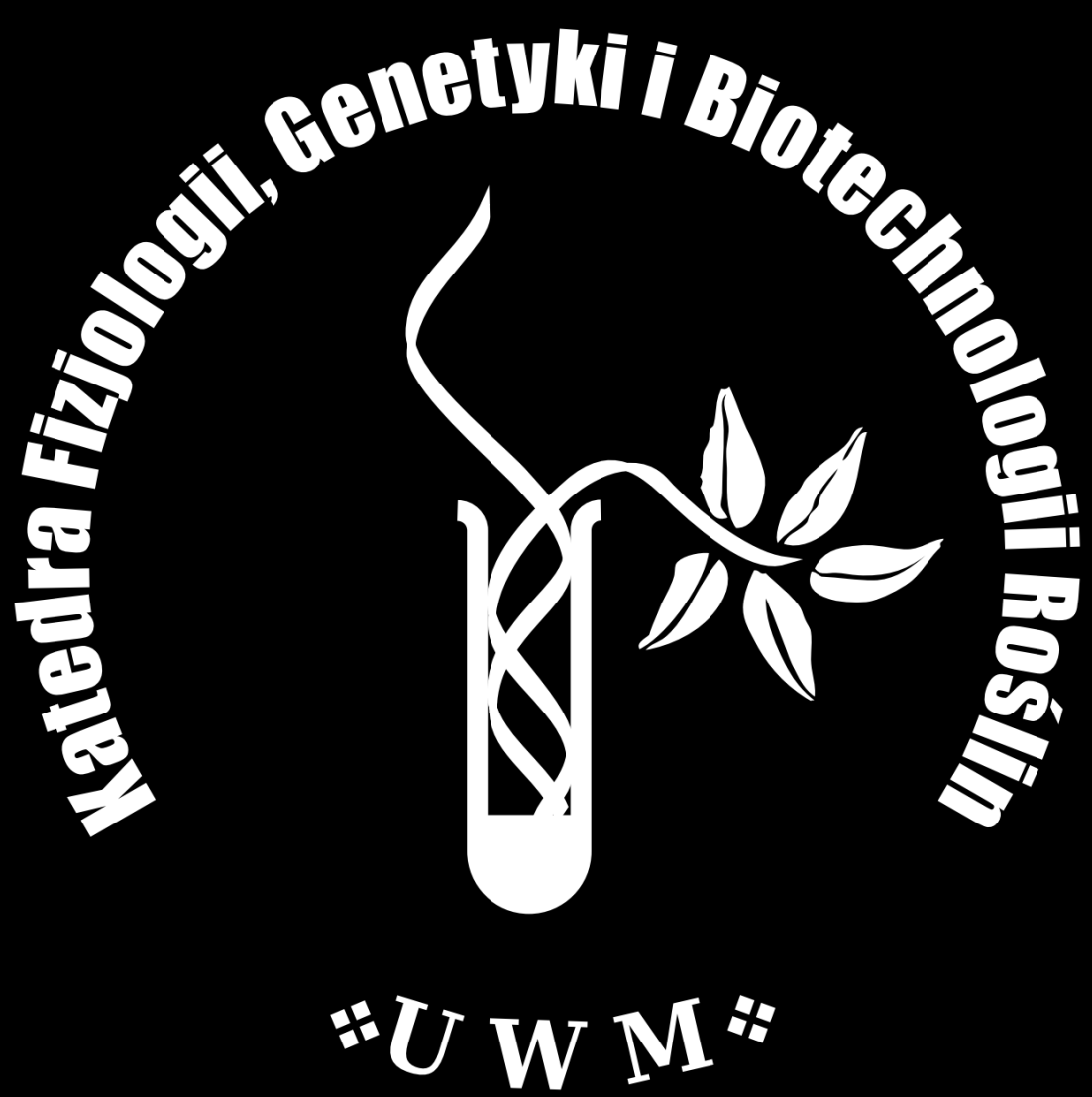


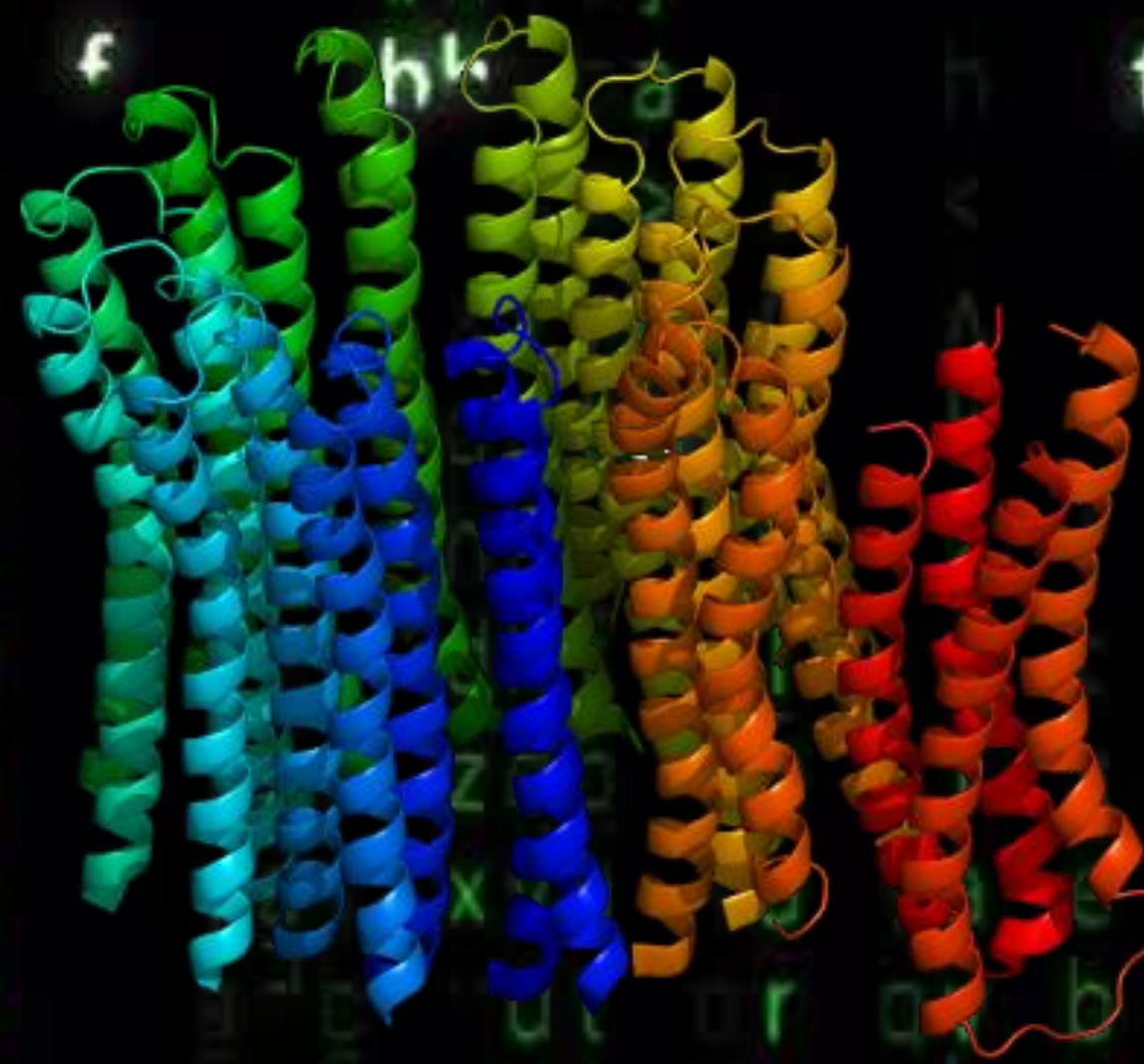
WOLSKO

KOŁO NAUKOWE BIOINFORMATYKÓW

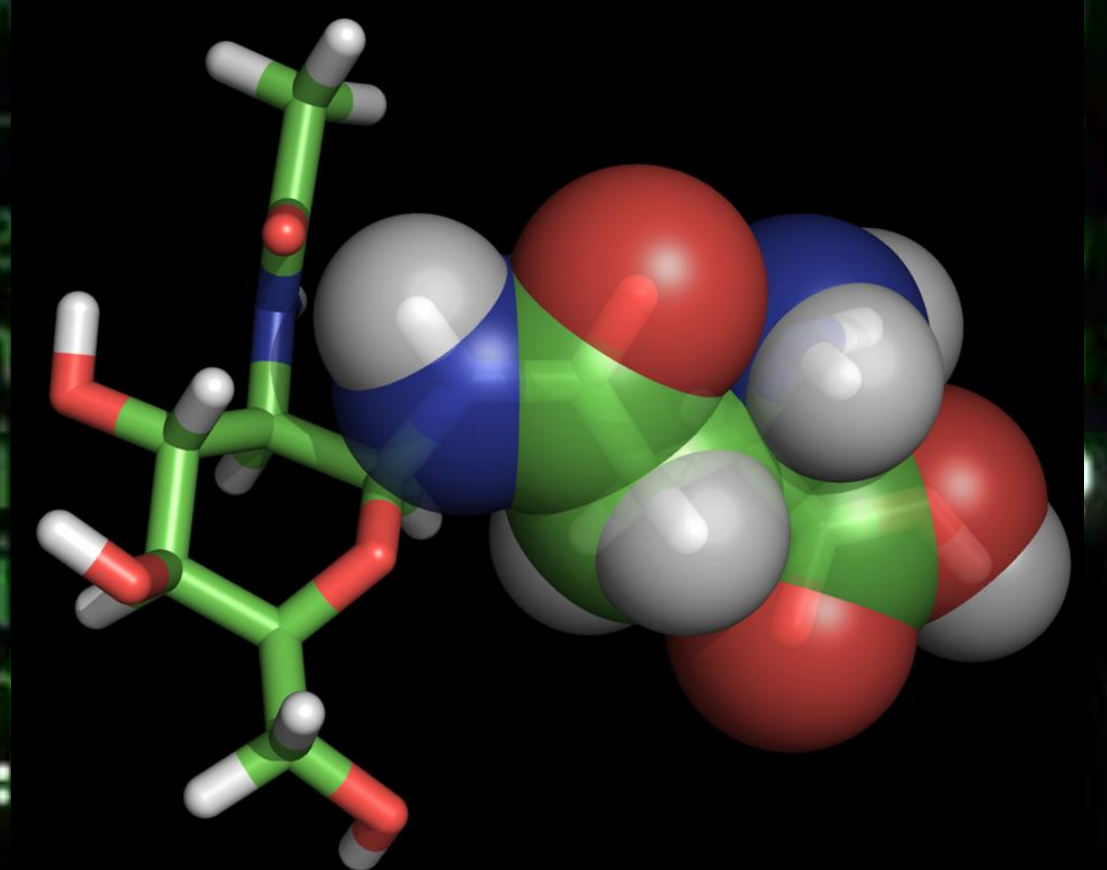


UNIWERSYTET
WARMIŃSKO-MAZURSKI
W OLSZTYNIE

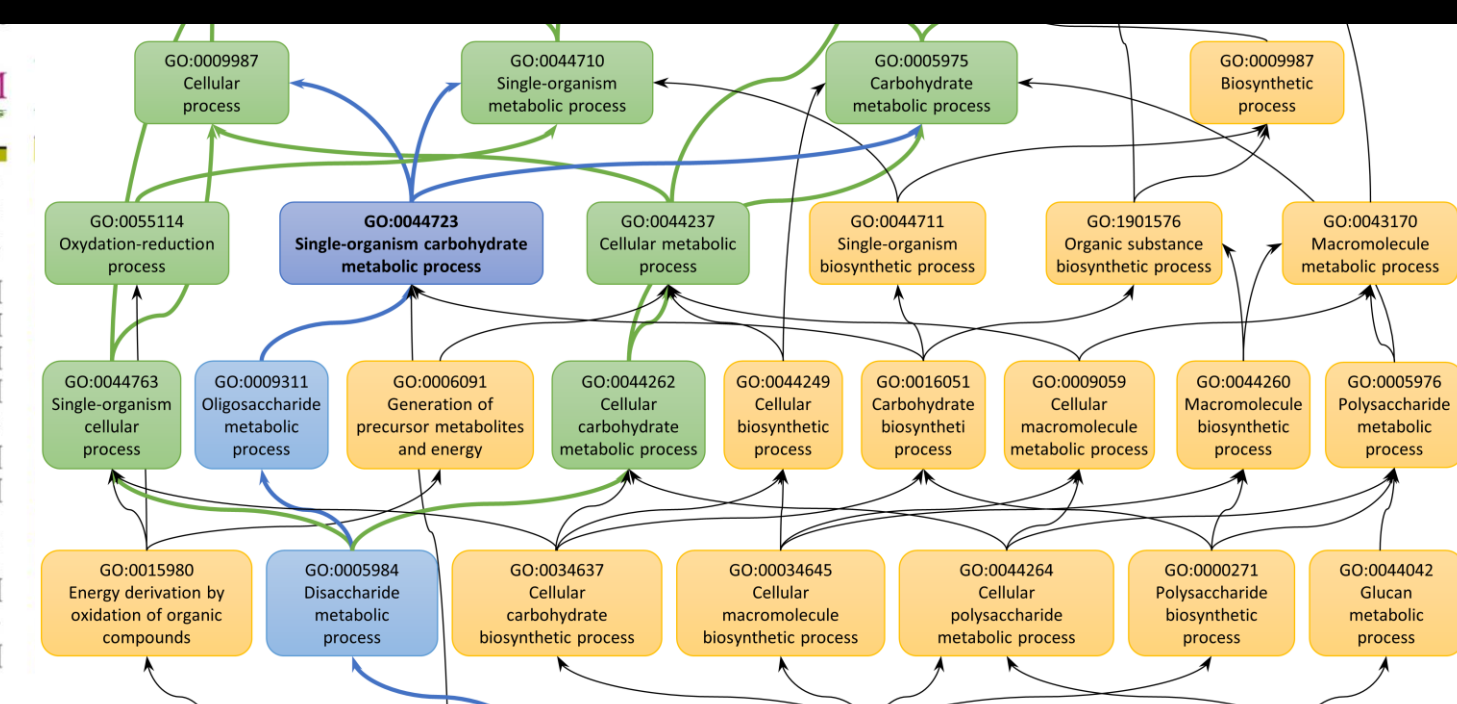
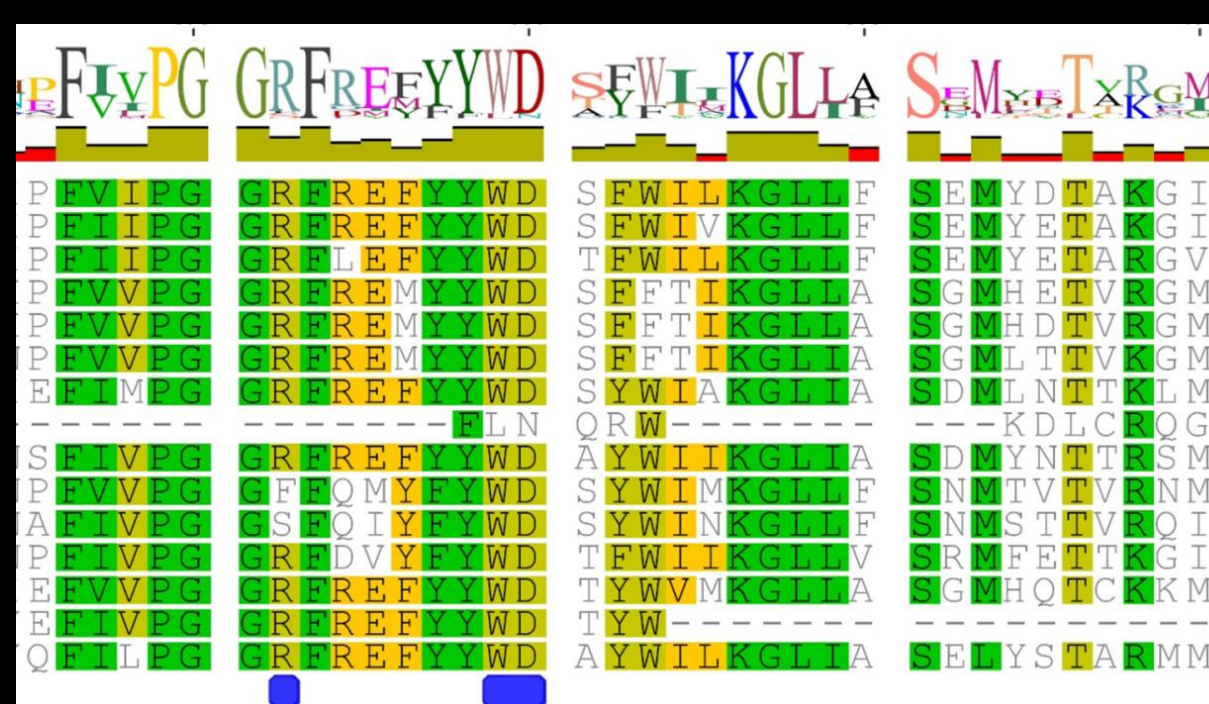
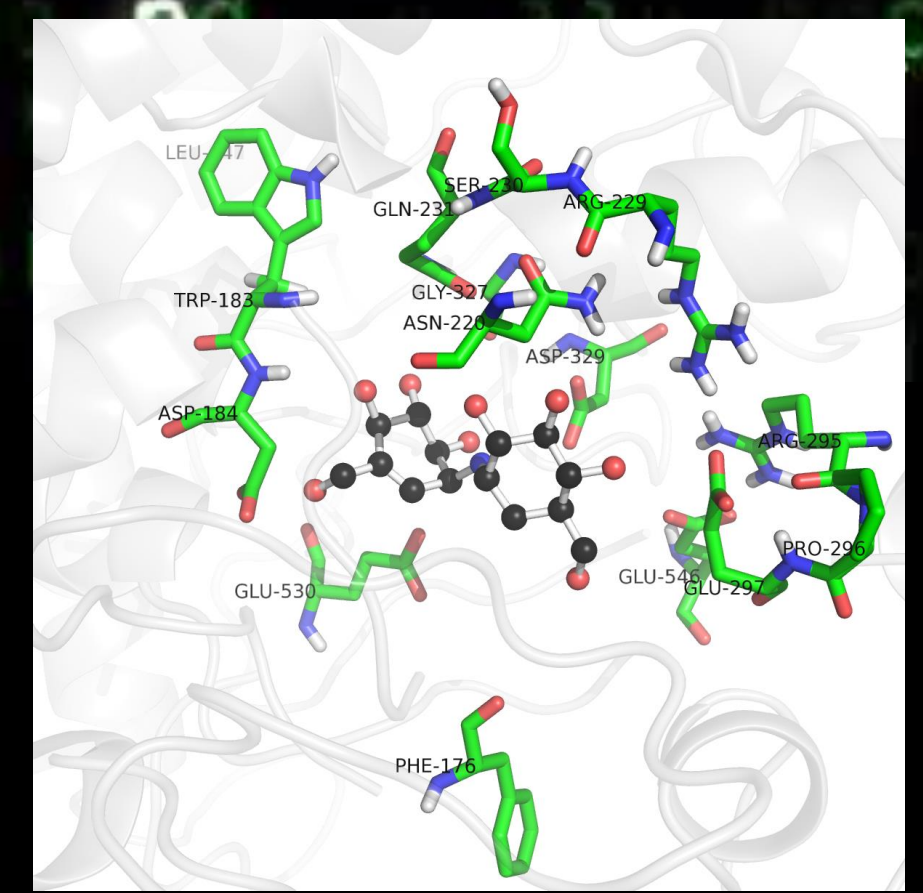
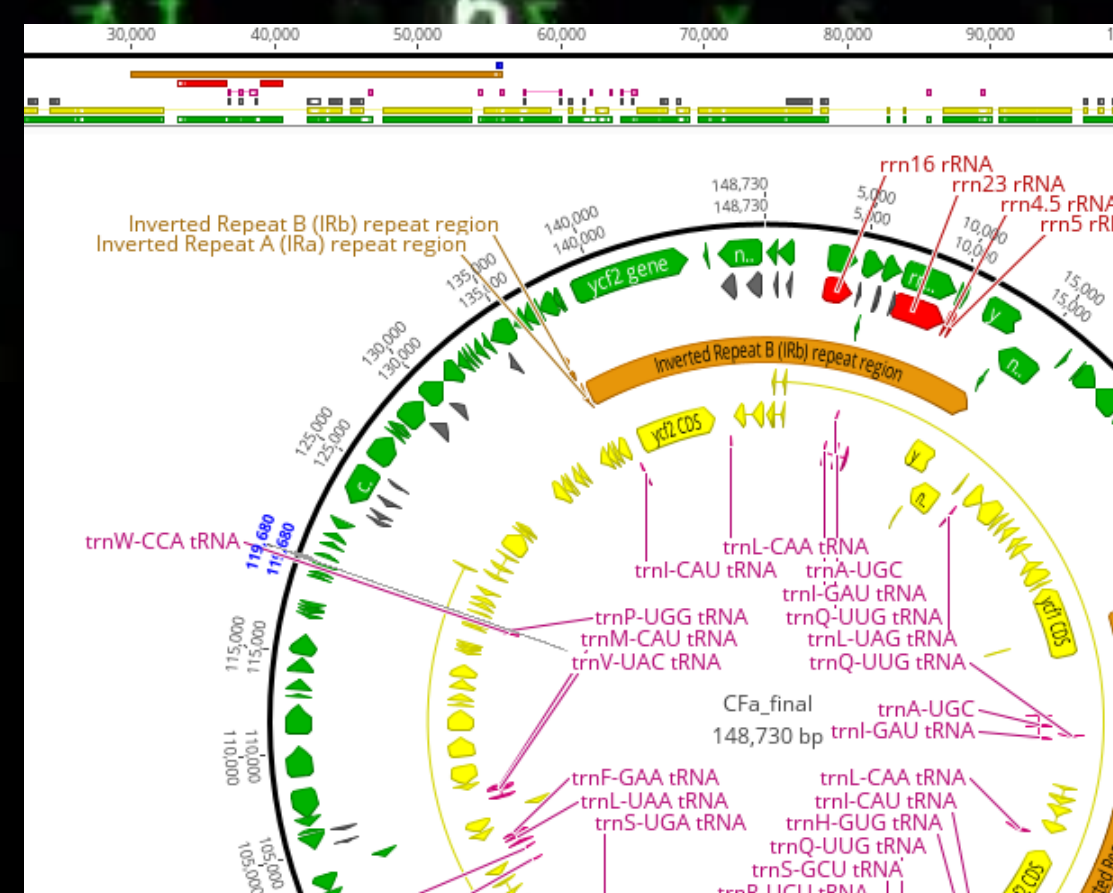
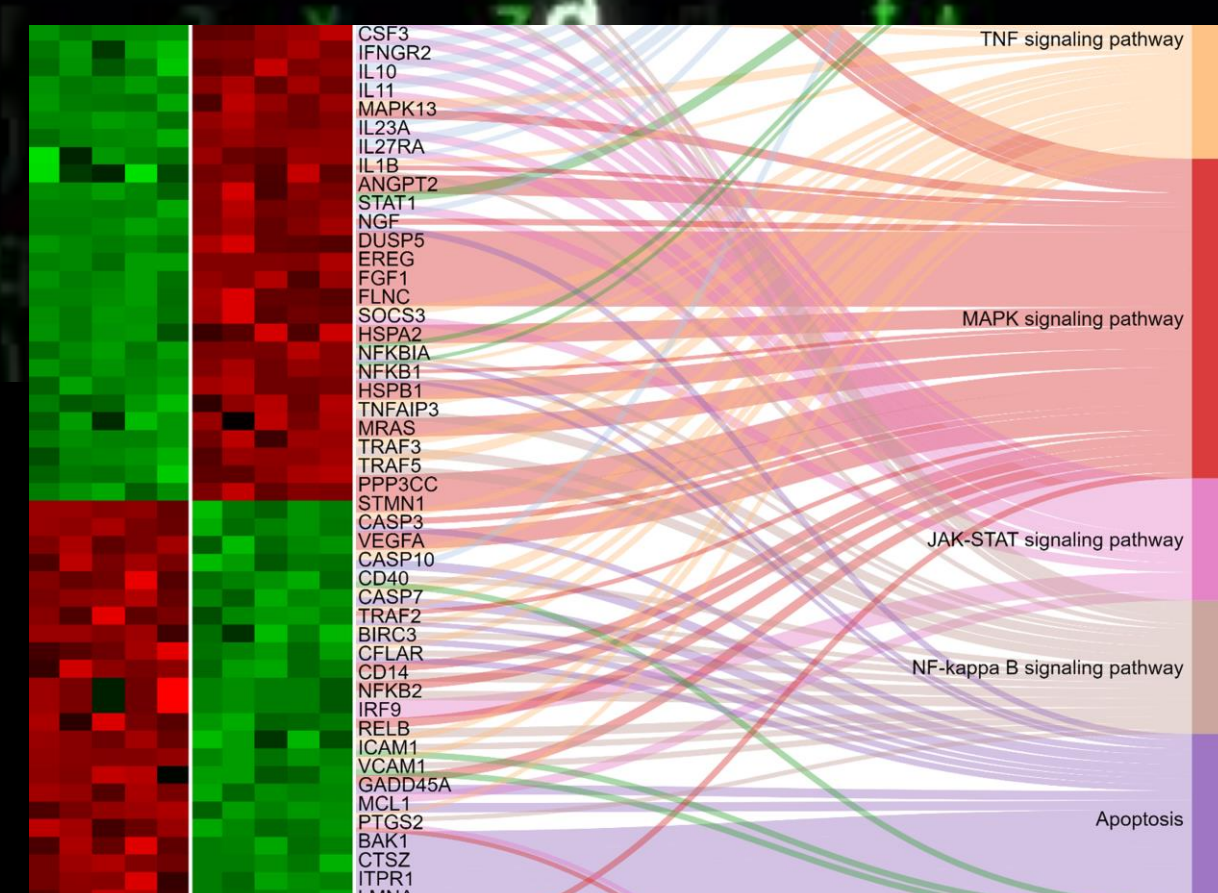
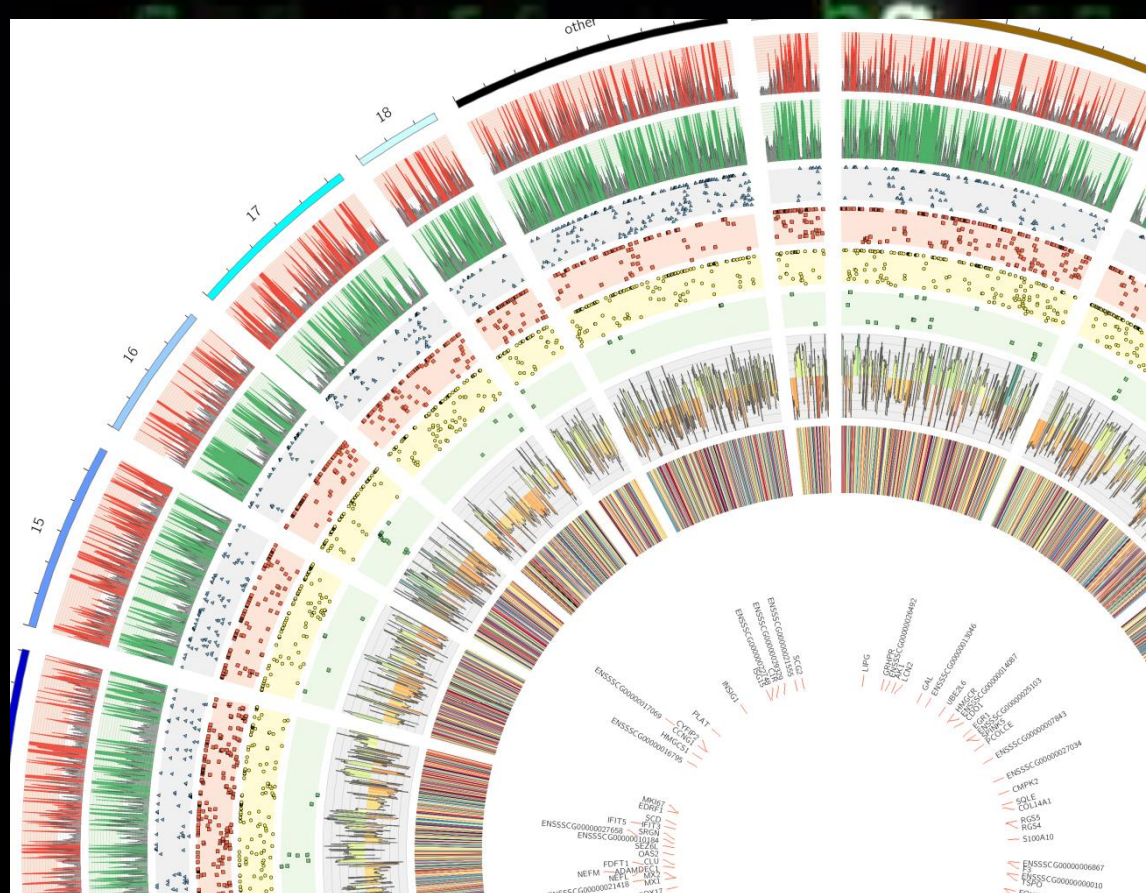
Realizujemy swoje projekty bioinformatyczne



```
80 TOMAIDEGS <- FALSE
81 TOMA[rownames(TOMA) %in% DEVS_publication_protein_codRow.names, ]$DE
82 TOMAKOLOR <- "grey"
83 TOMA[TOMAIDEGS & TOMA$log2FoldChange > 0, ]$kolor <- "blue"
84 TOMA[TOMAIDEGS & TOMA$log2FoldChange < 0, ]$kolor <- "red"
85 table(TOMAKOLOR)
86 TOMASlncRNA <-
87 TOMA[rownames(TOMA) %in% lncRNA$row.names, ]$lncRNA
88 head(TOMA)
89 TOMA[TOMASlncRNA %in% "lncRNA", ]$kolor <- "orange"
90
91 dev.off()
92 g <- ggplot(TOMA, aes(x = log(1+baseMean), y = log2FoldChange, color
93 geom_point(alpha = 0.3) +
94 labs(x = "normalized mean counts", y = "log2(fc)") +
95 theme(legend.title = element_blank()) +
96 theme_light() +
97 scale_color_manual(values = c("blue", "grey", "orange", "red")) +
98 scale_shape_manual(values = c(16, 15)) +
99 ylim(c(-3, 3.5)) +
100 geom_point(data = TOMA[TOMAKOLOR %in% "blue", ], aes(x = log(1+bas
101 geom_point(data = TOMA[TOMAKOLOR %in% "red", ], aes(x = log(1+base
102 annotate("point", log(1+lncRNA$baseMean), lncRNA$log2FoldChange, c
103 # geom_point(data = TOMA[TOMASlncRNA %in% "lncRNA", ], aes(x = log(1
```



Wspieramy analizy naukowe



oraz współpracujemy z biznesem



Opiekunem koła jest dr Jan Paweł Jastrzębski