Foundations of Biomedical Research 2020
Week 4: RNA and the Transcriptome - Ambro van Hoof

Time	Monday Sept 20	Tuesday Sept 21	Wednesday Sept 22	Thursday Sept 23	Friday Sept 24
8:30 - 9:15	**Lecture 1:** Transcriptome analysis methods (TH)	**Lecture 3:** sRNAs in prokaryotes (ND)	**Biostats/ Bioinformatics Lecture**	**Lecture 6:** Cutting Edge: mRNA modifications (m6A, and oligo U,C, and A tails) (AvH)	**Lecture 8:** Recap/Review (AH)
9:15 - 10:00	**Breakout:** Literature Discussion, Hypothesis generation	**Breakout:** Experimental design	**Biostats/ Bioinformatics Excercise**	**Breakout:** Prepare presentation	**Breakout:** Team Reports/ Presentations
10:00	**Break**	**Break**	**Break**	**Break**	**Break**
10:15 - 11:00	**Lecture 2 :** miRNAs (JH)	**Lecture 4:** Riboswitches (ND)	**Lecture 5:** Measuring individual steps in gene expression by NGS (AvH)	**Lecture 7:** From CRISPR RNA biology to editing any genome anywhere anyway. (AvH)	**Breakout:** Team Reports/ Presentations

JH – John Hagan
ND – Nick De Lay
AH – Ambro van Hoof
TH – Traver Hart