

Gene Regulation by Non-coding RNAs

Dates	Subject
04/04	Course Introduction RNA: Structure and classification
04/11	RNA world: paper discussion RNA structure prediction
04/18	Expression analysis methods (Seminars) Real Time PCR, microarray, RNA seq, RNA-FISH
04/25	Long non coding RNA
05/02	Long non coding RNA: paper discussion
05/09	Group work – Paper data collection
05/16	Preliminary data (first evaluation)
05/23	MicroRNA and siRNA
05/30	MicroRNA and lncRNA interaction
06/06	Other classes of noncoding RNAs
06/13	Other classes of noncoding RNAs: paper discussion
06/27	Group work: paper organization
07/04	Methods of RNA-RNA and Protein-RNA interaction (Seminars) RNA edition
07/11	Review paper
07/18	Review paper conclusion (second evaluation)