Programme for the postgraduate course "Statistical analysis of laboratory and clinical studies", May 20-24, 2019

JMP/SAS will be the basic software for statistical analysis. This is a practical course in statistical analysis of own data or databases available from previous performed studies. The basic models lectured at introduction courses in medical statistics are assumed knowledge.

Course leader: Professor Stig Larsen, Norwegian University of Life Sciences

Monday	**09.00**	Lecture1: Presentation of results
	10.00	Lecture 2: Point and confidence interval presentation
	11.00	Lecture 3: Graphic presentation
	12.00	**Lunch**
	13.00	Group exercise
	15.00	Presentation of group work
Tuesday	**09.00**	Lecture 4: Binomial model
	10.00	Lecture 5: Contingency table analysis
	12.00	**Lunch**
	13.00	Group exercise
	15.00	Presentation of group work
Wednesday	**09.00**	Lecture 6: Analysis of variance (parametric)
	10.00	Lecture 7: Sample size, power analysis
	12.00	**Lunch**
	13.00	Group exercise
	15.00	Presentation of group work
Thursday	**09.00**	Lecture 8: Non-parametric analysis of variance
	11.00	Lecture 9: Sample size, power analysis
	12.00	**Lunch**
	13.00	Group exercise
	15.00	Presentation of group work
Friday	**09.00**	Start exam
	13.00	Deliver exam