

**Workshop schedule** (09:00 – 17:30), based on 18 participants, 3 persons x 6 groups.

Time duration	Place	Activity	Supervisors
09:00 – 10:00	Læknagarður	Welcoming. Scientific introduction to FISH & RNAscope (with movies & video clips).	TM (KAJ, SKB ++)
10:00 – 10:15	Læknagarður	<b>Coffee/tea break</b>	
10:15 – 12:30 (1h 15 min)	Læknagarður (lab)	Hybridization setup, 6 groups, 3 pers/gr, 2 slides/group. 1x mouse mRNA, 1x human FISH. Movie on plant chromosome isolation and FISH techniques. RNAscope detection begins before lunch break.	SKB, BÞ, DA, TM
12:30 – 13:00	Læknagarður	<b>Lunch, packed lunch provided.</b>	
13:00 – 14:30 (1h 30 min)	Læknagarður (lab)	Washing, detection, preparation for microscopic work: mouse RNAscope & human centro/telomere FISH. Comparison of chromosomes in phase-contrast & std microscopes.	SKB, BÞ, DA, TM
14:30 – 15:30 (1h)	Læknagarður	Two 30-min tasks, in rotation, each 3 groups (9 persons) together: 1. Fluorescence (EVOS) microscopy: plant FISH & GISH (slides ready). 2. <b>Coffee/tea break</b> for those not in session.	TM
15:30 – 17:00 (1h 30 min)	Læknagarður	Three 30-min tasks, in rotation, each 2 groups (6 persons) together: 1. Fluorescence (confocal) microscopy: RNAscope. 2. Fluorescence (EVOS) microscopy: human centro/telo FISH. 3. Image processing demonstration: plant GISH & FISH	1. DA 2. BÞ 3. TM
17:00 – 17:30	Læknagarður	Projection of workshop results, conclusion, closing.	SKB

TM = Terezie Mandakova  
KAJ = Kesara Anamthawat-Jónsson  
SKB = Sigríður Klara Böðvarsdóttir  
MSS = Margrét S. Steinarsdóttir  
BÞ = Birna Þorvaldsdóttir  
DA = Diahann Atacho