Netherlands Genomics Initiative

Horizon

Overview – Third Call Projects: Genomics

A semi-automated fluorescence microscopy-based RNA interference screen to define novel pathways of lysosome biogenesis
Prof.Dr J. Klumperman (UMCU)

A gene expression profile of cell-cell interactions
Dr F. Baas (AMC)

Dirf: an in vivo screen to identify proteins that bind to a genomic region of interest
Dr B. van Steensel (NKI)

Functional genomics of virus-host interactions
Dr C.A.M. de Haan (UU)

Functional characterization of unknown Staphylococcal ORFs in innate immune evasion
Dr J.A.G. van Strijp (UMCU)

The early exocytic pathway and signalling: A genome wide RNAi screen on Drosophila S2 cells
Dr C. Rabouille (UMCU)

Hunting for novel microRNA genes; validation of thousands of predicted candidate regions with microarrays
Dr E. Berezikov (NIOB)

Biophysical and structural characterization of intrinsically unstructured proteins in isolation and in complex with physiological targets
Dr G.E. Folkers (UU)

Natural glycan arrays for ligand screening of carbohydrate binding proteins
Dr M. Wuhrer (LUMC)

Crossing barriers: S. pneumoniae factors involved in transcytosis
Dr J.J.E. Bijlsma (RUG)

Copy number polymorphisms in the Fcy receptor gene cluster: relation with susceptibility for auto-immune diseases and auto-inflammatory disorders
Prof.Dr T.W. Kuijpers (AMC)

3C-on-chip: Close encounters in the nuclear space
Dr W.L. de Laat (EMC)

SADDLE: a novel genomic tool for crop species
Dr M. Vandenbussche (RU)

Quantitative analysis of the synaptic (phospho)-proteomes using a collection of kinase-mutant mice
Dr K.W. Li (VU)

Enzymatic production of low-complexity RNAI libraries for high throughput loss-of-function screening
Dr C.L.C. Wielders (NKI)

From soil to medicine: activity-based screening of soil metagenomic libraries in emulsions
Dr E. Mastrobattista (UU)