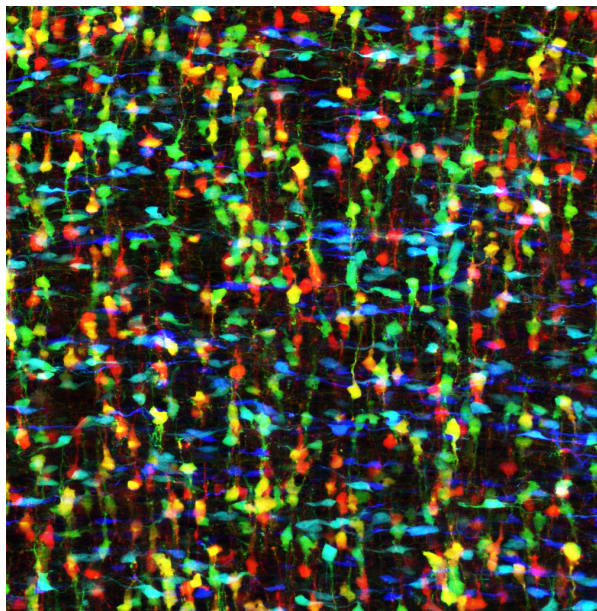


1st prize (Carl Zeiss Cinemizer+iPod)  
 "Soleil Bleu"  
 Fanchon Divol-Malgoire  
 AGAP, Montpellier

50µm radial section of a 6 days old rice root.  
 The natural autofluorescence of the cell wall of the cells is observed using widefield microscope and a fluorescence filter cube  
 (Ex. 340-380nm, Dichroic. 400nm<, Em. 450-490)

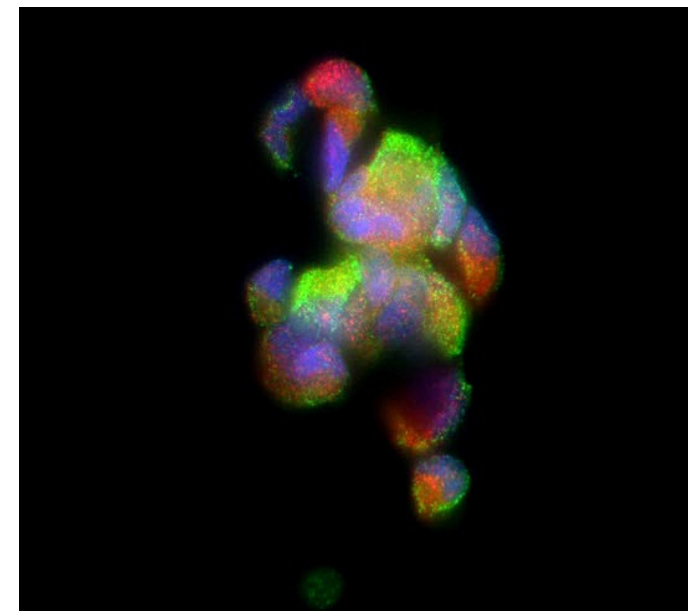
Acquired with MRI-PHIV widefield microscope  
 (DM6000, Processing with Volocity software)



2nd prize (Carl Zeiss Cinemizer)  
 "Cerebellar Traffic Jam"  
 Christelle Cadilhac, graduate student  
 IGF, Montpellier

Cerebellum preparation of a transgenic 9 days old mouse. 3D observation of the GABAergic interneurons expressing GFP.  
 The 35 planes Z-stack was splitted into 4 substacks. Maximum intensity projections of each substack were attributed a different color and merged.

Acquired with MRI-IGH confocal microscope  
 (LSM780, Processing with ImageJ software)



3rd prize (Carl Zeiss binoculars)  
 "Un Flamant"  
 Pierre-Olivier Guichet  
 INM, Montpellier

Widefield observation of human glioblastoma primary cell culture. Immunodetection of DCX (red, expressed in neuronal cells) and GFAP (green, expressed in astrocytes).  
 DNA was stained with Hoechst (Blue).

Acquired with MRI-INM widefield microscope  
 (AxioimagerZ1, Axiovision software)



# 2012 image contest winners

Supported by

Carl Zeiss France

