

## Organizing the First World Cell Race

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- Industrial partners : Nikon and CYTOO  
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Cell migration has been an active field of research for decades. Many research groups around the world study the mechanisms of migration to give to the scientific community new clues about the role of different genes or signaling pathways in migration. The goal of this race is to gather different cell types to compare their migrating ability on the same normalized assay. This assay is composed of tracks of fibronectin of different sizes (produced by Cytoo) on which we let cells adhere and migrate during 24 hours. We received more than 40 different types of cells (primary cells, cancer cell lines, fibroblast...). For this first time we did not accepted drugs stimulation of the cells, only gene manipulations were allowed (next time, we may change the rules and allow testers to test more ideas). Experiments have been carried out in different Nikon (one of our partners) Imaging Centers all over the world. This poster will let you see how world event was organized and, how we handled so many different cells competing and how the data analysis was performed. Nevertheless the name of winner still has to remain secret and will be announced in December, during the annual meeting of the American Society of Cell Biology in Denver, Colorado.