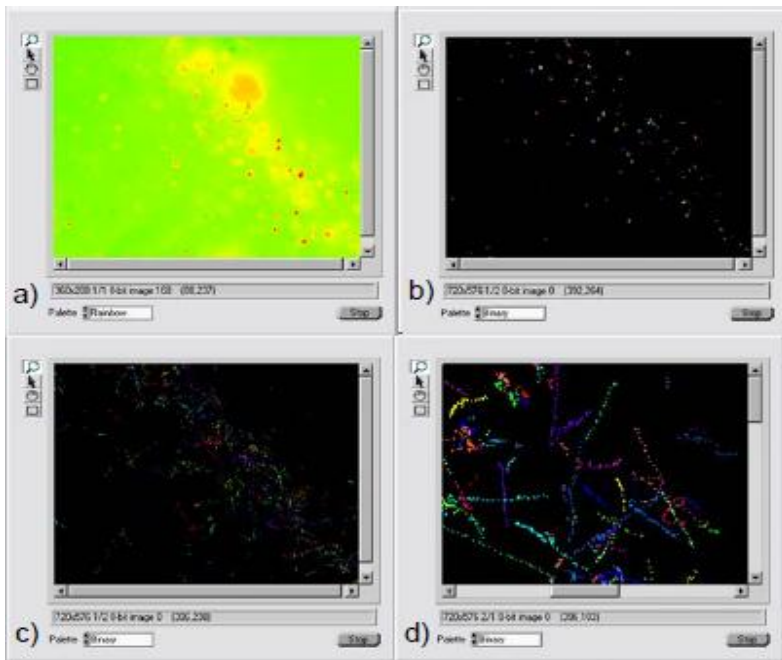


## Description

A program for tracking moving objects, cells or organelles between successive video frames. Examples of use are analysis of insect behavior, zooplankton behavior, protozoan motility, swimming behavior of fish, bacteria swimming behavior and protein filament movement.

## Features

- Movements of hundreds of objects can be analyzed simultaneously (depending on the range of object velocities and the resolution of the video sequences)
- Easy to use tool with interactive functions for setting parameters and viewing results
- Most digital video formats can be analyzed using QuickTime™ technology
- Position, velocity, acceleration, and trajectory angle can be exported in spreadsheet format



The sequence to the left shows:

a) An imported movie (bacteria moving along a gradient) shown in full color.

b) The software removes faint particles and lightning effects. Background is changed to black so particles can be seen clearly.

c) The result of tracking the bacteria.

d) Close-up of tracks.

## Try LabTrack for free

You can use LabTrack for free during a trial period. You also have the option to send us a video clip, which we will analyze and send a report of the results back. This will provide an opportunity to test if LabTrack is suitable for your application! Find more information, articles, and references about this and other BioRAS products such as LabTrack 3D at [www.bioras.com](http://www.bioras.com)

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