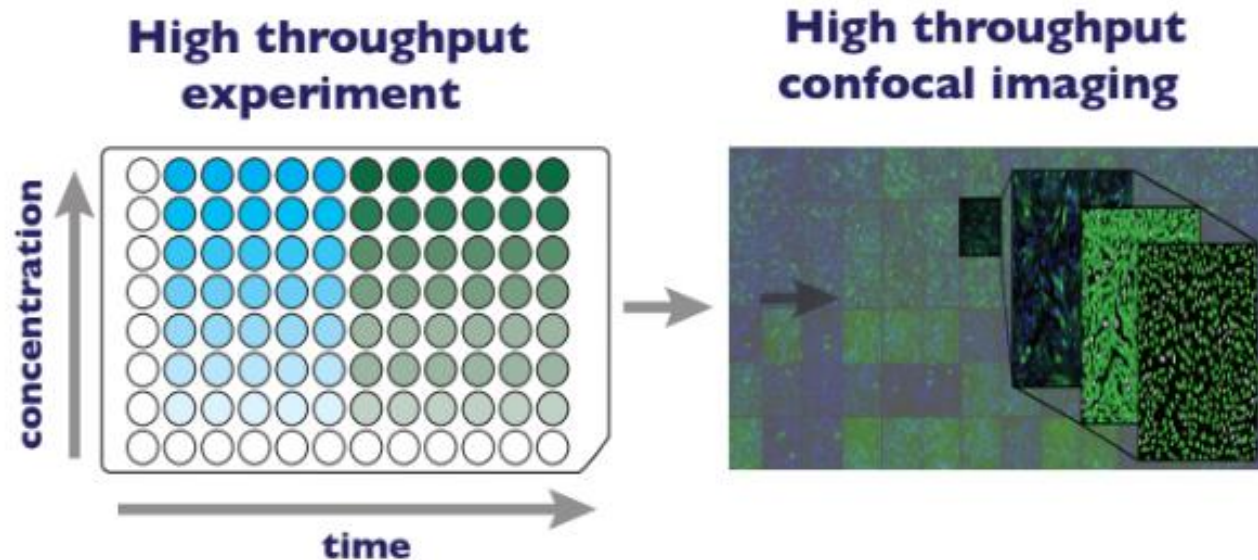


# IPIQA

## Integration platform for image quantification and analysis

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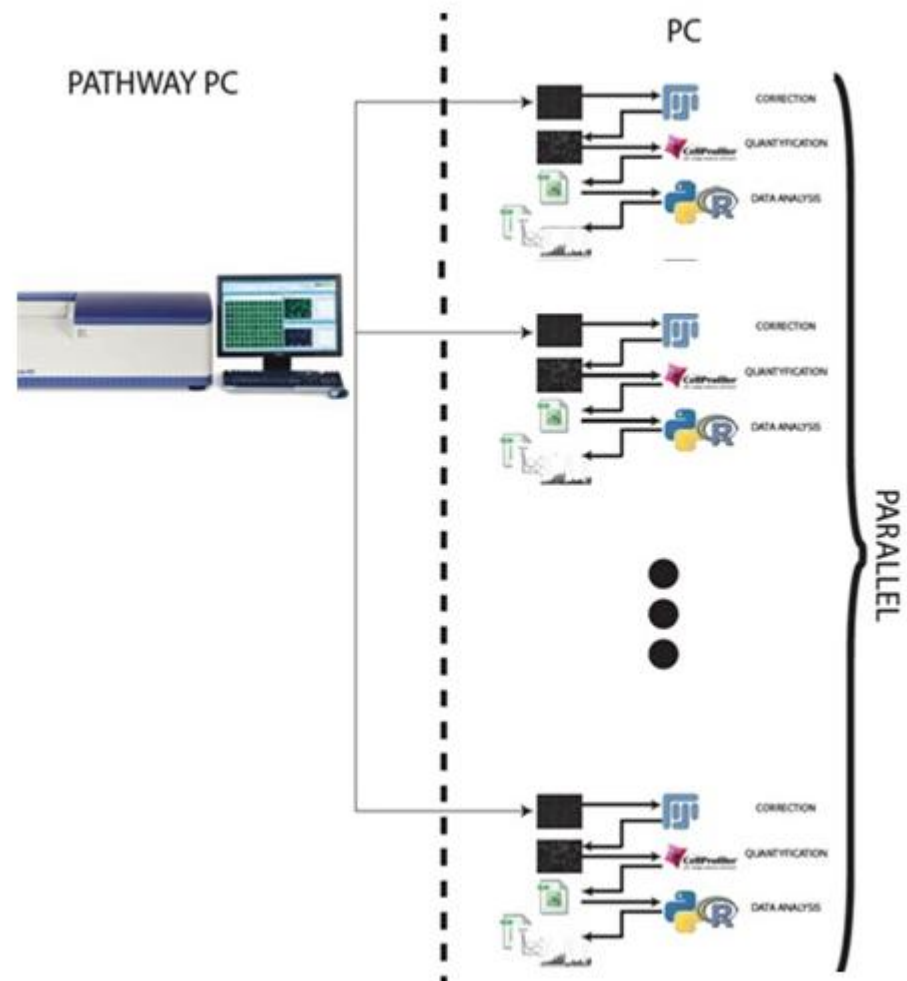
# Motivation



- Microscopy as one of the key components of modern biology
- High-throughput experiments
- Plethora of tools is limited to solving specific problems and provides rigid rules of usage

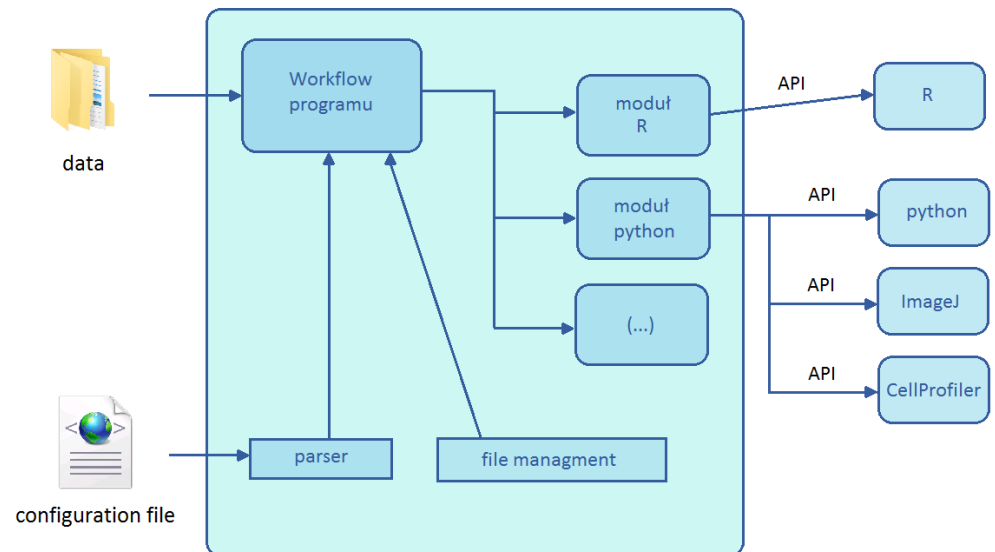
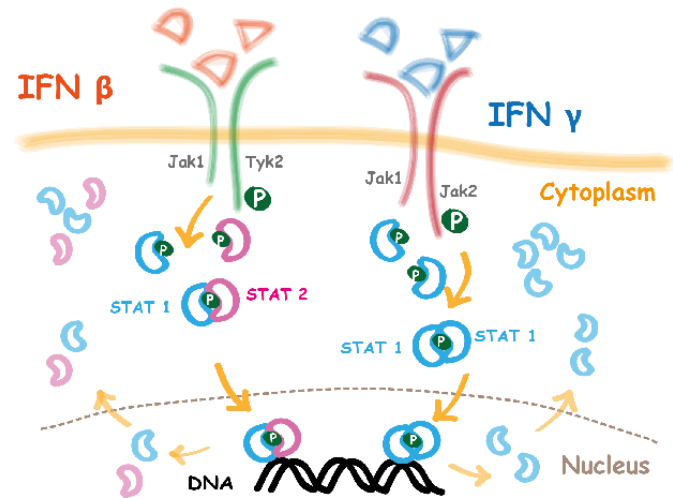
# IPIQA

- Analysis on the high-throughput scale
- Simultaneous processes
- Easy and flexible pipeline modifications
- Integration of common used image analysis package: Cellprofiler and ImageJ
- Possibility of adaptation of individual scripts



# IPIQA

- Input:
  - experimental data
  - configuration file (XML)
- Examined during studies of JAK-STAT signalling pathway in mice and human cell lines



# To be continued...

