



# Discover the benefits of using PyRAT!

- ▶ PyRAT Animal Facility Software
- ▶ PyRAT Transgenic Edition

**PyRAT** is our web-based animal facility management software, which enables comprehensive, transparent and easy handling of all your data.

The centralized management of data, processes and workflows improves your facility efficiency and reduces staff time and costs.

We offer **PyRAT Transgenic** for Transgenic Core facilities involved in the creation of transgenic animals. It includes all of the features of PyRAT but with additional functionality needed by transgenic facilities.



# Main Features



## Facility

- ✓ Location management with graphical rack display
- ✓ Occupancy report
- ✓ Cage card/Cage label printing



## Compliance

- ✓ Full history tracking
- ✓ Authorization management (according to directive 2010/63/EU)
- ✓ Severity assessment for genetically modified lines
- ✓ User management, Active Directory/LDAP integration
- ✓ SOP management



## Breeding

- ✓ Extended line/strain management
- ✓ Generation tracking
- ✓ Animal and line/strain pedigree graphs



## Ordering

- ✓ Animal ordering (internal or from commercial suppliers)
- ✓ Special services ordering



## Genotyping

- ✓ Genotyping stickers for Eppendorf tubes
- ✓ Import of genotyping results into PyRAT (Transnetyx's generated XML files, CSV based files)



## Statistics

- ✓ Real-time reporting (weaning and breeding information, animal and cage usage, etc.)
- ✓ Generation of European statistical report (according to directives 2012/707/EU and 2014/11/EU)
- ✓ \* In Transgenic version Transfer reports including offspring



## Experiments

- ✓ Authorization tracking
- ✓ Document uploads
- ✓ Procedures
- ✓ Comment system





### Usability

- ✓ Getting started documents available in PyRAT
- ✓ Easy data handling (single/multiple animals or cages. \* In transgenic version single/multiple embryo groups or sperm volumes)
- ✓ User configurable views and filters
- ✓ Automated notifications and warnings (emails)



### Communication

- ✓ Work request system enabling effective communication between scientists, caretakers, and managers
- ✓ Full history of all requests and completed tasks



### Budgeting and invoices

- ✓ Quickly retrieve budgeting information for animal housing, orders, procedures, or any kind of service
- ✓ Individual layouts for invoices

## Transgenic Version Additional Features



### Cryopreservation database

- ✓ Detailed graphical representation of tanks
- ✓ Embryo and sperm freezing



### Revitalization

- ✓ Embryo and sperm revitalization
- ✓ Rederivation of a line/strain through embryo transfer

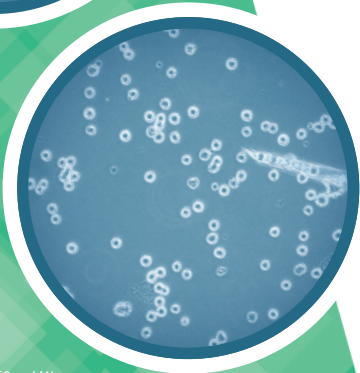
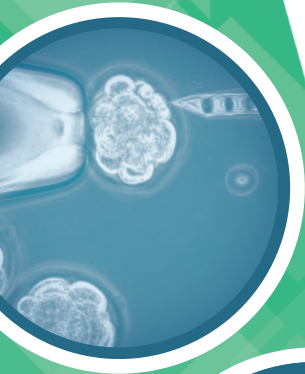


### Seamless integration with PyRAT

- ✓ Ordering of donors
- ✓ Plug-check
- ✓ Sampling procedures
- ✓ Genotyping
- ✓ Cage cards

## ***Benefit from the included proven features of PyRAT to more easily manage your Transgenic Core Facility:***

- ✓ SOP management
- ✓ User management, Active Directory/LDAP integration
- ✓ Location management
- ✓ Occupancy report
- ✓ Authorization management (according to directive 2010/63/EU) and generation of European statistical report (according to directives 2017/707/EU and 2014/11/EU)
- ✓ Expanded line/strain and genotyping management
- ✓ Budgeting and invoices
- ✓ Real time reporting
  - ✓ Document uploads (locations, users, animals, lines/strains)
  - ✓ Automated notifications and warnings (emails)



**“ I have no clue how we could ever get all our work done in time without PyRAT. It makes data handling so much easier. ”**

*Jussi Helppi, Head of Biomedical Services, MPI-CBG, Dresden, Germany*

## Our products



- ✓ PyRAT Animal Facility Software is a mature and stable software solution since 2003
- ✓ Made in Germany using an ISO9001:2015 certified quality management system
- ✓ Leading position in Europe
- ✓ On-going development based on customer feedback



- ✓ All PyRAT products are available as Software as a Service (SaaS) or as self-hosted campus license



- ✓ All PyRAT products are available in English, German, French, Spanish, Italian and Portuguese languages



- ✓ Easily adaptable to your workflows through numerous customization options



- ✓ **PyRAT Service**
  - Regular free software upgrades to the newest PyRAT release
  - Email/phone user support, personal contact
  - Consulting and extended support (including data import) in introduction phase
  - On-site/on-line trainings
  - Continuous technical support (OS upgrades, move to new servers, etc.)

# SCIONICS

For additional information or access to a demo,  
please contact our Product Manager:

**Dr. Geraldine Lapeyrade**

☎ products@scionics.com ✉ + 49 / 351 / 202 707 05

**www.pyrat.com**