



oro xcell
biopharmaceutical
partner
for life sciences
industries

Bioanalysis

Bioanalysis

1. Methods

- Method set-up
- Analytical assays

2. Equipment

- Mass spectrometry
- Other analytical techniques



Method set-up

Method development

- Analytical methods for research and development
- Studies in pharmaceutical, cosmetics and food areas

Validation

- According to GLP guidelines

Transfer

- Modification of the test system
- Application of previously developed methods

Analytical assays

High-throughput LC-MS/MS

- Screening studies: absorption through Caco-2 cells, microsomal stability...
- Routine, with internal standard
- 3.2 min total run time

Bioanalysis in complex matrices

- *In vitro* and *in vivo* studies
- Pre-clinical and clinical studies
- High quality bioanalysis, Calibration curves/QC

Regulatory studies

- GLP compliance under request

Metabolic profiling and identification

Mass spectrometry

LC-MS/MS

- Triple quadrupole, Applied Biosystems
1 API-3200 and 3 API-4000
- Triple quadrupole, Waters
1 Quattro Micro coupled with
 - diode array UV detection (Waters 996 DAD)
 - radioactive detection (Packard Flo One)

LC-MS

- Single quadrupole, Waters
1 ZMD coupled with
 - diode array UV detection (Agilent 1100 DA)



Other analytical techniques

UPLC, HPLC

- 1 Acquity UPLC System, Waters
- 4 Alliance HPLC Systems, Waters
- Diode array UV/visible detector, Waters
- 1 Flo One Radiodetector, Packard
- Qualified Empower system, Waters

Solid Phase Extraction (SPE)

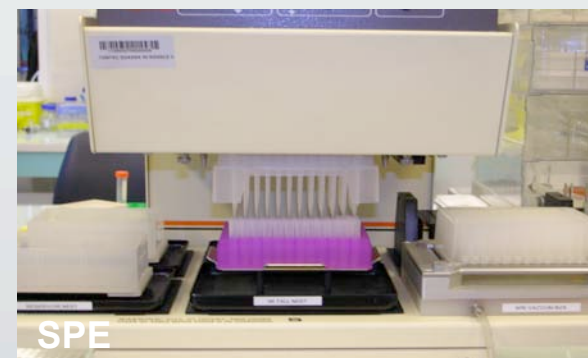
- 1 TomTec Quadra-96 workstation

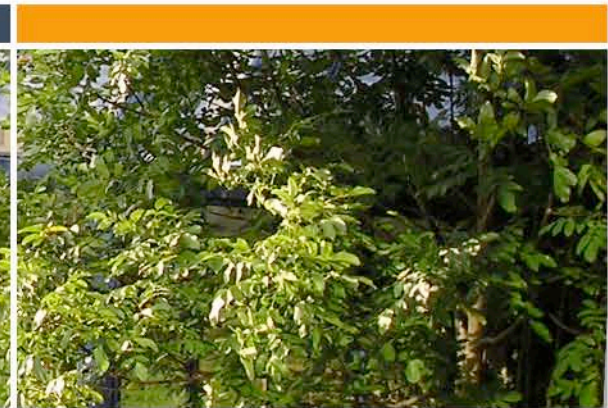
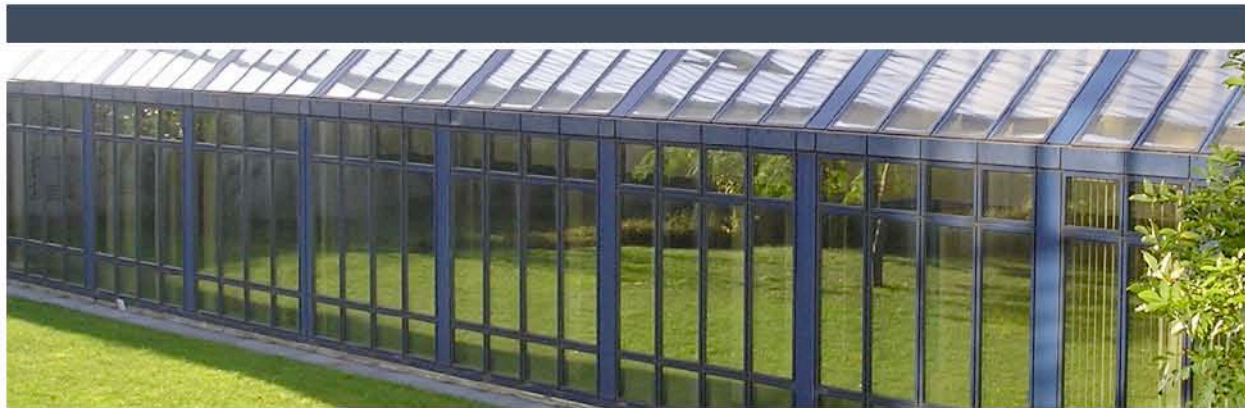
Radioactivity - liquid scintillation

- 1 Tri-Carb 2100 TR, Packard
- 1 TopCount NXT, Packard

Fluorescence/Absorbance/Luminescence

- 2 Fluostar Optima BMG microplate readers





Oroxcell SAS

Parc Biocitech
102, avenue Gaston Roussel
F-93 230 Romainville

Tel: 00 33 (0) 1 41 83 72 20
Fax: 00 33 (0) 1 41 83 72 27
E-mail: contact@oroxcell.com

www.oroxcell.com