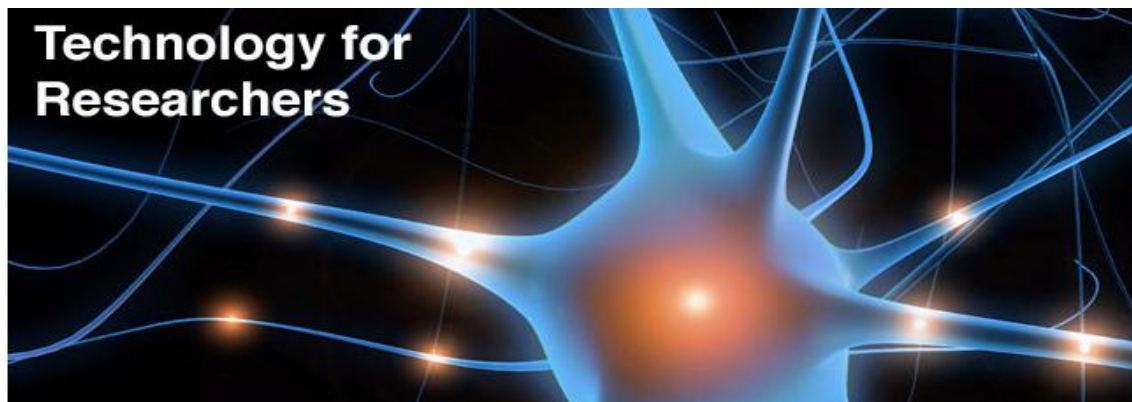
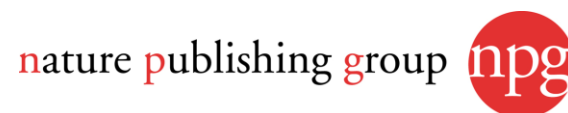


# SureChem

## Product Overview

ICIC, 24th October 2011

# Who is SureChem?



## A new kind of scientific information company

The digital age has created new opportunities for the way we do scientific research - from how we manage our labs and analyse data, to how we link information and make funding decisions. We're here to help you make the most of those possibilities.

### LATEST NEWS

**BioData Acquires LabLife, Empowering Life Scientists with Advanced web-based Research Management service**

TEL AVIV, September 13, 2011 – BioData Ltd. announced today that it

### EVENTS

**2011 Accelrys European User Group Meeting**

Date: 11-13 Oct 2011

Type: *User Group Meeting*

Country: *Athens, Greece*

Digital Science is sponsoring and

### BLOG

**Celebrating the women of Digital Science**

For this year's Ada Lovelace Day, I wanted to take a moment to give a nod to the exemplary women I am fortunate enough to work with on a

## PRODUCTS



FigShare allows researchers to publish all of their data in a citable, searchable and sharable manner.



1DegreeBio is an open-access platform that enables researchers to source and review the highest-quality products for their research needs.



Symplectic Elements automatically records research outputs for academics and integrates with other research management systems.



SureChem Portal enables advanced chemical search of the world's patent literature.



BioData offers a modular, web-based laboratory

# What is SureChem?

The screenshot shows the SureChem website with a navigation bar (Search, Help, About), a sign-up banner for a subscription or free trial, and a 'New Chemical Structures This Week' section. A 'SureChem Database Statistics' table is visible, listing Total Patents (20,783,186), Total Unique Structures (11,826,195), and Last Update (Tuesday 4 October).

SureChem Database Statistics	
Total Patents	20,783,186
Total Unique Structures	11,826,195
Last Update	Tuesday 4 October

- ▶ Comprehensive, timely, cost effective, automated patent chemistry database
- ▶ Enterprise Patent Chemistry Solutions

## Database:

batch screening  
& analysis  
behind your  
firewall

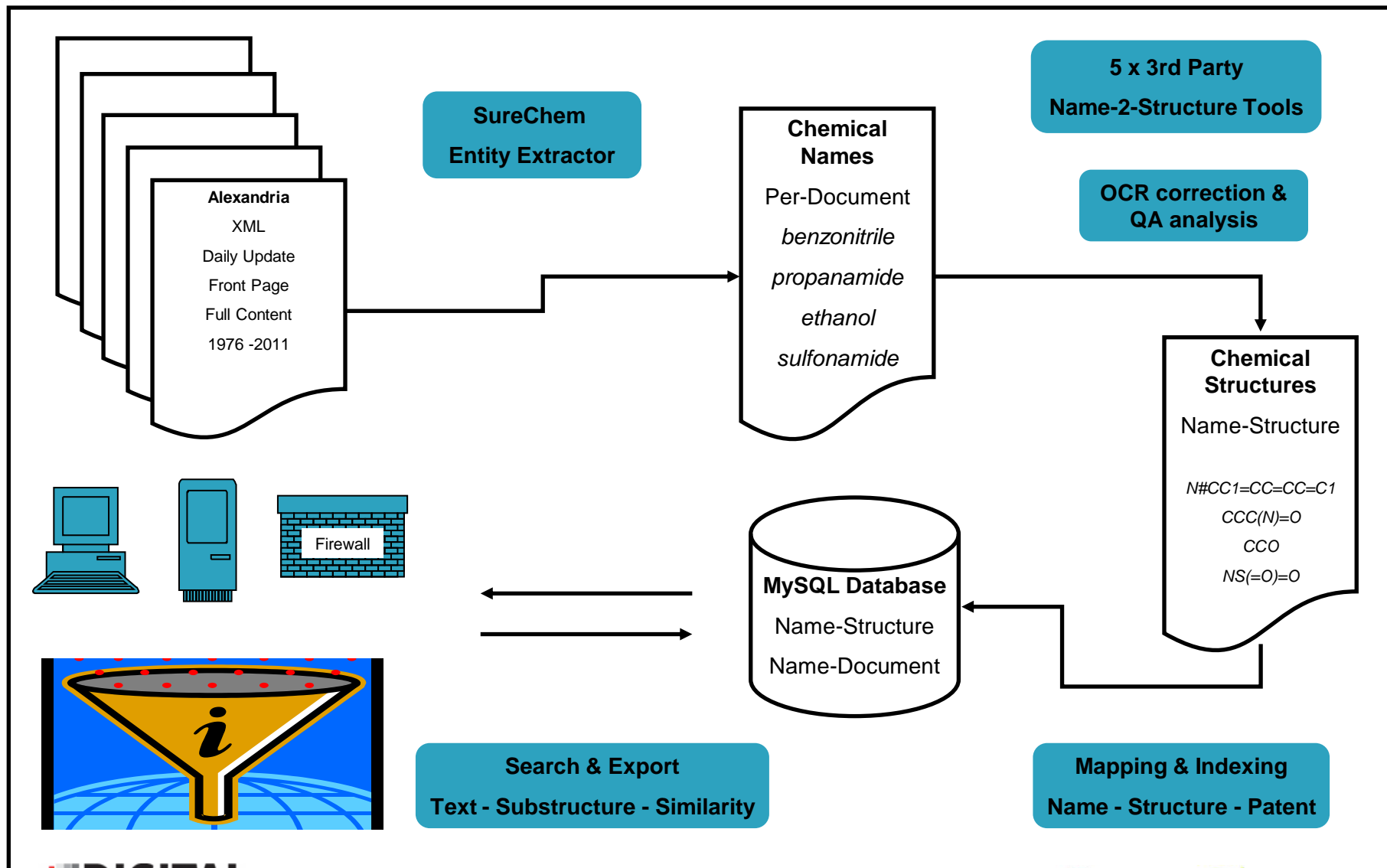
## Web service:

API access &  
integration into  
internal  
databases and  
workflow tools i.e.  
Pipeline Pilot

[www.surechem.org](http://www.surechem.org)

**Web Portal**  
in-line  
chemistry  
navigation &  
viewer

# How do we do it?



# Data quality and enhancements

- ▶ Improved Chemical Coverage
  - ▶ Extraction of chemical structures from images
  - ▶ Repair of OCR errors in chemical names
  - ▶ Adding a 5<sup>th</sup> name to structure conversion tool
  - ▶ Manual curation of corrupted patents
- ▶ Improved Chemical Relevance
  - ▶ Extraction of Exemplified Compounds in patents
  - ▶ Reduction of “unwanted” chemical noise
- ▶ Patent family searching
- ▶ Biological Annotation
- ▶ Cross reference with public bio/chemical collections

# Welcome to our stand!

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