

eNovator

Turning R&D knowledge into powerful results for government, industry and academia.



Collaborative R&D

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**ChemAxon European UGM
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Who is KineMatik?

- **R&D Software provider for over 10 Years**
- **Originally an ELN vendor**
- **Now an R&D Solutions company**
- **Products built upon ECMs**
- **Knowledge Management ethos**
- **A holistic approach to R&D**



What does an ECM provide?

- ✓ **Document Management**
 - ✓ **Collaboration**
- ✓ **Workflow**
 - ✓ **Digital Signatures**
- ✓ **Audits/Versioning**
 - ✓ **Metadata/Searching**



**So why isn't everyone using
an ECM?**



What does an ECM NOT provide for an ELN?

- ✗ Domain Specific Tools**
 - ✗ Publishing of Experiments**
- ✗ Process Integration & Automation**
 - ✗ Experiment IP Protection**
- ✗ Integration to Equipment**
 - ✗ Context around Information**



What KineMatik provides – the eNovator Suite

- ✓ **Electronic Laboratory Notebook**
 - ✓ **Program & Project Management**
- ✓ **Quality Management System**
 - ✓ **Learning Management System**
- ✓ **Resource Management System**



eNovator Collaborative Platform for R&D

Current Status



Compelling Integrated ELN solution

Site Actions Browse Page

eNovator Demo ▶

I Like It Tags & Notes

eNovator Demo ELN Demo ▼

Search this site...

Lists

- Publishing Queue
- ELN State Transitions
- Experiment State Transitions
- State Transition Workflow Queue
- Publish Workflow Queue



Regardless of your industry or business, eNovator™ helps you manage R&D data and keep projects on schedule and within budget, ultimately allowing you to focus on what is most important – your research.

Libraries

- Published Experiment
- Experiment Publishing Template
- Site Pages
- Site Assets

- Recycle Bin
- All Site Content

Microsoft Excel - Lipid_Data
 Experiment 4: Simple Synthesis of Substituted Pyrroles
 H NMR Analysis of Omega-3 Supplements
 Western Blot: E-cadherin, pp120, beta-catenin, BSA, vSRC

ELNs

Title	StartDate	EndDate	State
ELN Demo	9/10/2010 9:00 AM	9/30/2010 12:00 AM	Active

1 - 10

Experiments

Title	StartDate	EndDate	State
Chemical Analysis	9/11/2010 10:00 AM	9/16/2010 5:00 PM	Active

1 - 10

Aspirin MDL Molfile.mol - MarvinSketch 5.3.3
 2-(acetyloxy)benzoic acid



SharePoint

Why are we developing on SP?



- Requests from customers and other companies
- SP is a compelling platform
 - Collaboration
 - Social media
 - integration to Office
 - Easy to use
 - Web based
 - etc
- Large install base of SP
- Companies have already tried to develop
- homegrown solutions on SP



ChemAxon integration



- Partner with ChemAxon for 6/7 years
- Integrated Marvin Sketch and Reactor
- Treat the chemical structure as a document (audit/version control)
- Integrated Chemical Structures into eNovator PDF Publishing
- Chemical Structures/Reaction put in context with documentation
- Search integrated with Document Management Searching and Text/Metadata based results





ChemAxon integration

What else is needed from a chemistry perspective?

Other CA modules?

- Searching for chemical structures within Office documents and PDF documents?**
- Integration to Chemicalize.org**





Questions

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Product Development Lifecycle



KineMatik

Integrated Modular Stack

