



PATENT INFORMATION USERS GROUP, INC.

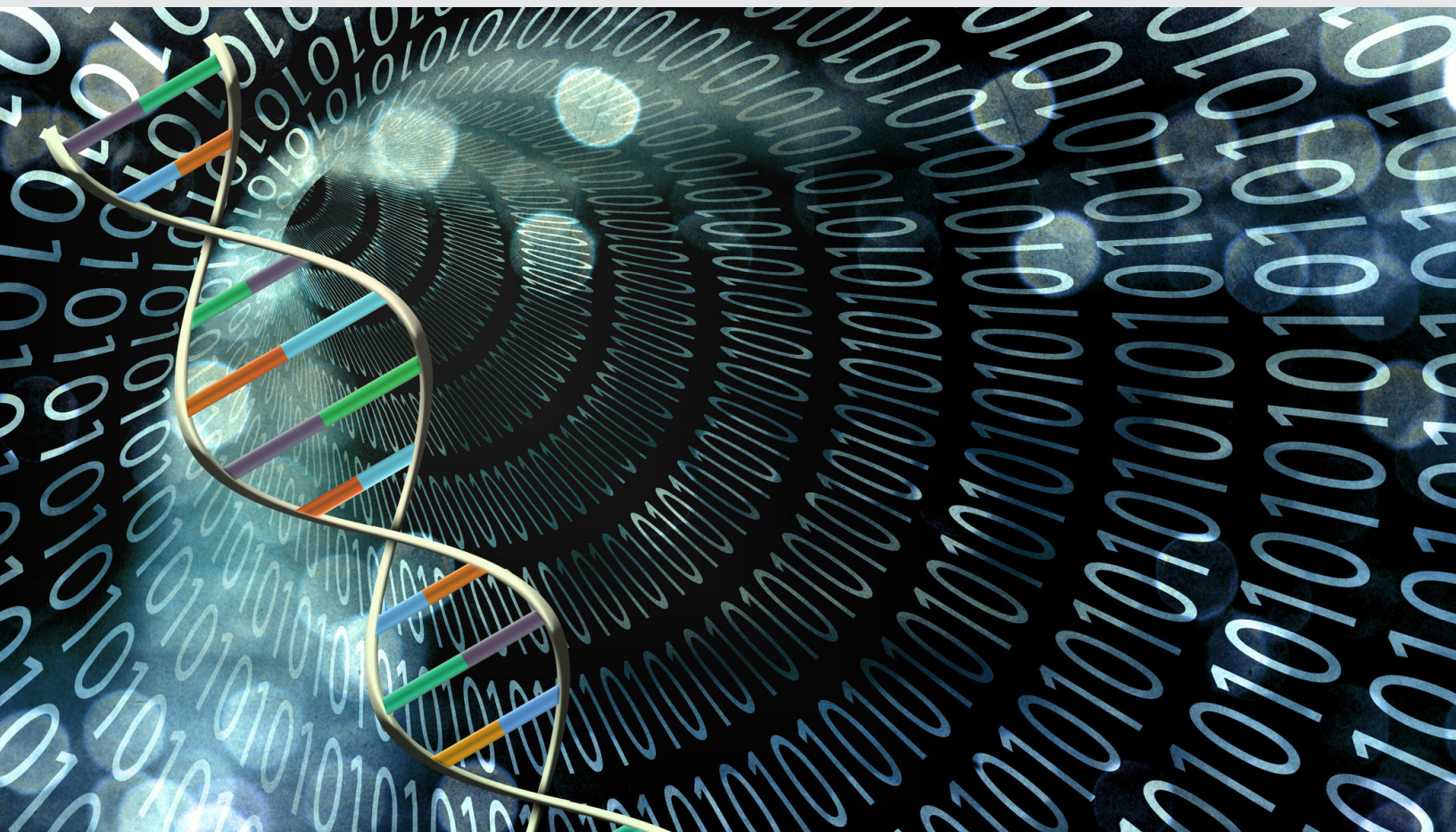
The International Society for Patent Information

Meeting Challenges in Biotechnology Patent Searching

PIUG 2013 Biotechnology Meeting

February 26, 2013

Amgen, Inc.
Cambridge, Massachusetts



Meeting Book prepared by BizInt Solutions, Inc., a proud sponsor of the PIUG Biotechnology Meeting



PIUG 2013 Biotechnology Meeting

Tuesday, February 26, 2013

Amgen, Inc., Cambridge MA

7:30 am	8:30 am	Registration and Vendor Exhibits
8:30 am	8:45 am	<i>Welcome to the PIUG 2013 Biotechnology Meeting.</i>
8:45 am	9:15 am	<i>Update on Sequence Listings in Patent Applications</i> Dave Nguyen (USPTO)
9:15 am	9:45 am	<i>An Attorney's Perspective on Biotech-Related International FTO Searches</i> Anita Varma (Ropes & Gray LLP)
9:45 am	10:15 am	<i>Getting the right message: Following real-time translation of patent information by partnering with patent attorneys</i> Tobias Pawliczek (Novartis Pharma AG)
10:15 am	10:25 am	<i>Product Reviews (Linguamatics, Minesoft)</i>
10:25 am	11:00 am	Break & Vendor Exhibits
11:00 am	11:30 am	<i>Trees Lost In the Forest – Using Visualization Tools to Interpret Sequence Search Results</i> Denis Bayada (GenomeQuest), Joe Terlizzi (Questel, Inc.)
11:30 am	12:00 pm	<i>Creating Reports from Patent and Sequence Databases with the BizInt Smart Charts Product Family</i> John Willmore (BizInt Solutions, Inc.)
12:00 pm	12:10 pm	<i>Product Reviews (Search Technology, GenomeQuest)</i>
12:10 pm	1:30 pm	Lunch and Exhibits
1:30 pm	2:00 pm	<i>Lossy Data Compression in Patent Informatics</i> Kristine Atkinson (Boston Scientific)
2:00 pm	2:30 pm	<i>DIY Searching</i> Seth Mendelson (Novartis Institutes of Biomedical Research)
2:30 pm	2:45 pm	<i>Product Reviews (TPR, Intellixir, STN)</i>
2:45 pm	3:15 pm	Break & Vendor Exhibits
3:15 pm	4:45 pm	<i>Panel: Assisting Information Professionals</i>
4:45 pm	5:00 pm	<i>Concluding Remarks.</i>
		<i>Evening Networking Dinner at Marliave.</i> Cocktails after 5:30 pm; Dinner at 6:30 pm. RSVP to Rick Williams.



Photos by Qin Meng



PATENT INFORMATION USERS GROUP, INC.

PIUG 2013 Biotechnology Meeting

Meeting Challenges in Biotechnology Patent Searching

February 26, 2013

Amgen Inc.

One Kendall Square, Building 1000

Cambridge, MA 02141

Meeting Book prepared by BizInt Solutions, Inc., a proud sponsor of the PIUG Biotechnology Meeting and developer of **BizInt Smart Charts**

for Patents

Message from the Chair

Susanne Hantos, PIUG Chair

Welcome to the 2013 PIUG Biotechnology Meeting!

Dear PIUG Biotechnology Meeting attendees,

Welcome back to Cambridge, Massachusetts for what is sure to be a fantastic and highly rewarding PIUG Biotechnology meeting. Now in its seventh year, the meeting never ceases to impress in terms of both the excellent program and the congenial and friendly setting that is created by our dedicated PIUG Biotechnology Meeting volunteers. I offer my sincere and heartfelt thanks for the countless number of hours each of you have generously volunteered to make this professional event stand out.

I would first like to thank and congratulate Qin Meng, who is the Chair of the Biotech planning committee. Without all of her efforts, the PIUG Biotechnology meetings would not be the success that they are, not to mention coordinating this year's meeting to be at Amgen.

Of course, Qin was assisted by many equally dedicated volunteers each of whom I would like to congratulate and thank as follows – Helen Oen, Elyse Turner, Ruben Diaz, Barbara Miller, Bo Peng, Kim Spytek, Alison Taylor and Monica Weiss-Nolen – all of whom are members of the 2013 PIUG Biotech Program Committee and Ken Koubek, Donna Fisher, Greg Roland, Julia Heinrich, Christine Geluk, Monica Weiss-Nolen, Sherri Voebel, Rick Williams, Tom Wolff, Diane Webb, and Jim Brown – all of whom are members of the 2013 PIUG Biotech Planning Committee.

It is very evident that each of you have given your absolute best in ensuring a high quality and professional event. All of you deserve a rousing round of applause. Please help me thank them by approaching and congratulating each of these volunteers on a job well done!

I must also thank our very generous sponsors. Without their continued support, the PIUG would not be the organization that it is today. This year's sponsors for the PIUG Biotechnology meeting are BizInt, Linguamatics, GenomeQuest, Minesoft, Search Technology/VantagePoint, TPR, STN, Intellixir and Dialog/Proquest. Please be sure to visit the booths during the breaks to learn about their exciting new developments in the field of biotechnology searching.

Finally, I would like to personally thank all of you – our members who attend the PIUG conferences, who volunteer their time and who loyally support the organization year after year. You are the heart of this organization and your support of the PIUG is absolutely critical to its success.

Although I will not be able to join you in Cambridge for the 2013 PIUG Biotechnology meeting, please know that I will be there with you in spirit and I wish all of you every success with the meeting. I do however hope to meet you at the PIUG 2013 Annual Conference in Alexandria, Virginia in April and May of 2013 to celebrate PIUG's 25th anniversary! Although it will take me 18 hours to travel from my home in Sydney Australia to Alexandria, I would not dare miss celebrating this memorable and important milestone. I hope that you will be able to join me as we plan to pull out all of the stops to commemorate this auspicious occasion!

Susanne

Program Committee:

Helen Oen, Co-Chair	Eisai
Elyse Turner, Co-Chair	Merck & Co.
Ruben Diaz	Genentech
Qin Meng	Amgen
Barbara Miller	Novartis
Bo Peng	Ironwood Pharmaceuticals
Kim Spytek	Novartis
Alison Taylor	Abbott
Monica Weiss-Nolen	sanofi

Planning Committee:

Planning: Qin Meng
Evaluation: Rick Williams
Fundraising/Exhibitor Liaison: Sherri Voebel
Meeting Book: Diane Webb
On-site Logistics: Greg Roland
Registration: Ken Koubek, Donna Fisher
Web Pages: Rick Williams, Tom Wolff
Workshops: Christine Geluk, Monica Weiss-Nolan
Board Liaison: Jim Brown

Table of Contents

Meeting Agenda	Inside Front Cover
PIUG Officers	3
Sponsors	4
Speaker Abstracts & Biographies	6
Morning Session	6
Afternoon Session	16
Attendee List	26-27
PIUG Information	28

PIUG Officers

Chair, 2012–2014			
Susanne Hantos	Davies Collison Cave	+612 9293-1000	shantos@piug.org
Vice Chair, 2012–2014			
Jim Brown	FIZ Karlsruhe	(302) 376-6425	Jim.Brown@fiz-k.com
Immediate Past Chair			
Anthony Trippe	3LP Advisors	(614) 787-5237	tony@piug.org
Secretary, 2012–2014			
Kimberly Miller	Novartis	(617) 872-5218	kimberly.miller@novartis.com
Treasurer, 2012–2014			
Ken Koubek	Koubek Info Consult. Svcs	(302) 252-6045	KennethKoubek@comcast.net
Director-At-Large, 2011-2014			
Dominic DeMarco	DeMarcolP	(703) 229-8860	demarco@demarcoip.com
Director-At-Large, 2012-2016			
Cynthia Barcelon Yang	Bristol Myers Squibb	(609) 818-5515	Cynthia.Yang @ bms.com



gratefully acknowledges the generous support provided by our sponsors. The meeting would not exist without their support!

◆ **GOLD SPONSORS** ◆

BizInt Smart Charts

Linguamatics

◆ **SILVER SPONSORS** ◆

GenomeQuest

Intellixir

Minesoft

Search Technology/Vantage Point

STN

Technology & Patent Research Intl.

◆ **BRONZE SPONSOR** ◆

ProQuest/Dialog

A large graphic on the right side of the slide. It features a globe with a grid of latitude and longitude lines. Overlaid on the globe is the text "910 OF" in a large, bold, sans-serif font. The "9" and "0" are significantly larger than the "10".

NINE OF THE
WORLD'S TOP TEN
PHARMACEUTICAL
COMPANIES USE
LINGUAMATICS TEXT
MINING SOFTWARE

Linguamatics Patent Mining Solution

Powered by  the market-leading NLP-based text mining software

- ◆ Access full text patent applications and grants from USPTO, EPO, WIPO and more
- ◆ Find and extract relevant information from tens of millions of documents in real time (including chemicals, claim chains, genes, diseases and numerical data)
- ◆ State-of-the-art querying rapidly pinpoints information and identifies the most relevant documents

**Get your demo at Linguamatics' booth at the PIUG Biotech Meeting
Join our workshop on February 27th at Boston Marriott Cambridge**

www.linguamatics.com
patents@linguamatics.com

Session 1- Chair: Helen Oen, Eisai

8:45 am – 9:15 am

Update on Sequence Listings in Patent Applications

by Dave Nguyen, USPTO

Abstract

The presentation provides a brief overview of USPTO current sequence business process. The presentation then covers frequently asked questions related to sequence listings in patent applications.

Biography

Mr. Nguyen is a graduate of the Virginia Polytechnic Institute and State University and Johns Hopkins University. He works at the U.S. Patent & Trademark Office, where he served as the supervisory patent examiner of Art Unit 1633 and TC 1600 Quality Assurance Specialist from 2004-2009. He currently manages the Patent Examination Art Unit 1634 directed to personalized medicine and pharmacogenetics, and serves as a specialist and coordinator for the Sequence Business Process.

Mr. Nguyen's current assignments in the agency include:

- Supervisory Patent Examiner, Art Unit 1634
- Workgroup 1630 Hiring Program Coordinator
- TC 1600 Externship Program Coordinator
- Member of the WIPO ST.25 Revision Task Force
- Co-Lead of TC 1600 Automation Working Group
- Member of the Enhancing Technical Knowledge Between Examiners Working Group - Patents Process Reengineering Team.

Update on Sequence Listings in Patent Applications
by Dave Nguyen, USPTO

A large rectangular area with rounded corners, outlined in black, containing numerous horizontal lines for writing. This area is intended for notes or a presentation related to the topic of sequence listings in patent applications.

Session 1- Chair: Helen Oen, Eisai

9:15 am – 9:45 am

An Attorney's Perspective on Biotech-Related International FTO Searches

by Anita Varma, Ropes & Gray LLP

Abstract

Freedom-to-Operate is fundamental to the success of pharmaceutical and biotechnology companies. This presentation will cover strategies for developing and executing successful and cost-effective FTO searches and analyses, as well as explore challenges that arise in international FTO searches and outline strategies to overcome them.

Biography

Anita is co-head of Ropes & Gray's Intellectual Property Rights Management Practice Group and has over 20 years of experience in intellectual property law as a lawyer and as a Patent Examiner at the United States Patent and Trademark Office (USPTO). Her experience as a Patent Examiner provides unique insights into the workings of the USPTO and as a UK Solicitor she is qualified to practice before the European Patent Office. Anita focuses her practice on developing, analyzing, and managing patent portfolios in diverse areas of technology for life sciences companies. She leverages this broad patent experience to counsel clients on transactional matters in connection with financial investments, mergers and acquisitions, and collaborations. Anita combines her patent experience with an understanding of regulatory exclusivities to help clients evaluate target portfolios and conduct worldwide due diligence assessments. She has conducted numerous pre-litigation assessments and rendered opinions regarding patentability, validity, non-infringement, freedom-to-use, Orange Book listing and delisting matters, and advised clients regarding the follow-on biologics legislation.

An Attorney's Perspective on Biotech-Related International FTO Searches
by Anita Varma, Ropes & Gray LLP

A large rectangular area with rounded corners, outlined in black, containing numerous horizontal lines for writing. This area is intended for notes or a transcript during the session.

Session 1- Chair: Helen Oen, Eisai

9:45 am – 10:15 am

Getting the right message: Following real-time translation of patent information by partnering with patent attorneys

by Tobias Pawliczek, Novartis Pharma AG

Abstract

Genomic information is transcribed into messenger RNAs (mRNAs) by RNA polymerases. Ribosomes translate mRNAs into functional proteins. Both processes are interdependent, highly regulated and coordinated.

Global information is distilled to selected patent/scientific information by patent searchers. Patent attorneys translate patent/scientific information into legal opinions or actions. But how well coordinated are those processes?

This presentation will highlight a pilot initiative in which a patent searcher partners with several patent attorneys to follow the translation of patent/scientific information into legal opinions or actions. Key messages will be presented that ultimately increased mutual understanding, legal awareness and search quality.

Biography

Tobias studied molecular biotechnology at the University of Lübeck (Germany) and completed his graduate research at Yale University (USA). He conducted his doctoral studies at the University of Cambridge (UK), whilst also completing a postgraduate certificate in patent law in Germany. Since May 2010 he has been working as a Patent & Scientific Analyst at Novartis, Basel (Switzerland).

Getting the right message: Following real-time translation of patent information by partnering with patent attorneys
by Tobias Pawliczek, Novartis Pharma AG.

A large rectangular area with rounded corners, outlined in black, containing horizontal lines for writing. This area is intended for notes or a presentation related to the topic of patent information translation.

Session 2 - Chair: Alison Taylor, Abbott

11:00 am – 11:30 am

Trees Lost In the Forest- Using Visualization Tools to Interpret Sequence Search Results

by Denis Bayada, GenomeQuest; Joe Terlizzi, Questel, Inc.

Abstract

When comparing sequences from patent databases, one does not always know beforehand the number of hits that one will get. Choosing the right algorithm and the appropriate filters can reduce the number of hits to a reasonable size, but this is not always the case. In those hard to solve cases, thousands of hits can occur and some form of visual aid is critical. The ability to analyze very large sets of documents, to drill down selected data, and to position concepts in the data by similarity will be explored. GenomeQuest and Questel will show how visualization can provide tremendous help in focusing on the few important patents - the trees lost in the middle of the forest.

Biography

Denis Bayada, Senior Field Application Scientist, GenomeQuest

Dr. Denis Bayada is a senior field application scientist at GenomeQuest, applying his extensive cheminformatics and genomics-based drug discovery experience to the solution of problems faced by research organizations in IP as well as molecular biology. Dr. Bayada's PhD. in Chemistry centered on the computational analysis of molecules, an experience he was able to leverage as a senior researcher at NV Organon/Akzo Nobel, where he was an integral member of their early bioinformatics team. Dr. Bayada was also a senior researcher at the French national sequencing center, Genoscope/CEA where his work focused on the sequencing and analysis of bacterial DNA. With an extensive background in cheminformatics and genomics-based drug discovery spanning nearly two decades, Dr. Bayada transforms customer feedback into effective workflow refinements, especially in variant detection and IP.

Joe Terlizzi, IP Specialist- Training Manager, Questel, Inc.

Joe Terlizzi is Questel's chemical information specialist and training manager. He has been involved with chemical search and retrieval systems since 1975, when he joined the Central Abstracting and Indexing Service (CAIS) of the American Petroleum Institute. At CAIS, Joe worked until 1999 as an indexer, product manager, editor of the API Thesaurus, and chief trainer, and helped develop their machine-aided indexing system. Joe joined Questel in 2000 as an IP specialist and sales representative and became their head trainer for the Merged Markush Service. Joe holds a Bachelor of Science degree from Stevens Institute of Technology in Hoboken, NJ.

Trees Lost In the Forest- Using Visualization Tools to Interpret Sequence Search Results
by Denis Bayada, GenomeQuest, Joe Terlizzi, Questel, Inc.

A large rectangular area with rounded corners, containing horizontal lines for writing. The lines are evenly spaced and extend across the width of the box. The box is outlined with a double-line border.

Session 2 - Chair: Alison Taylor, Abbott

11:30 am – 12:00 noon

Creating Reports from Patent and Sequence Databases with the BizInt Smart Charts Product Family

By John Willmore, BizInt Solutions, Inc.

Abstract

Creating reports from gene sequence databases in addition to patent databases presents some interesting challenges. This paper will discuss using tools in the BizInt Smart Charts product family to create reports and visualizations from gene sequence and patent databases, including new features, limitations, and suggestions for future enhancements. Key features under development include:

- create reports combining data from different patent and gene sequence databases and identify related records across databases, using BizInt Smart Charts for Patents;
- clean-up, normalize, and transform data (such as Assignees) from different databases using tools in VantagePoint - BizInt Smart Charts Edition and filter patent families by authorities of interest;
- summarize data from related records into a single row using BizInt Smart Charts Reference Rows, including the ability to group records based on Sequence ID or Publication Number rather than Common Patent Family, and creating summary subtables of query parameters in a Reference Row;
- export reports in HTML, Word, Excel, and Acrobat, with links to backing records and related information;
- analyze and visualize your normalized and de-duplicated data in VantagePoint - BizInt Smart Charts Edition.

Biography

John Willmore is Vice President, Product Development, for BizInt Solutions, Inc. and manages the development of all aspects of the BizInt Solutions product line. John has a B.S. in Electrical Engineering from Rice University and over 20 years experience in software development. He was the head of the TRW Smart Charts development team at TRW, Inc. and along with Diane Webb, founded BizInt Solutions in 1996. John has over 15 years of experience in processing, analyzing and integrating patent and drug pipeline information, and has worked closely with patent and drug pipeline publishers over that period.

Creating Reports from Patent and Sequence Databases with the BizInt Smart Charts Product Family
By John Willmore, BizInt Solutions, Inc.

A large rectangular area with rounded corners, outlined in black, containing numerous horizontal lines for writing. This area is intended for notes or a transcript during the session.

1:30 pm - 2:00 pm

Lossy Data Compression in Patent Informatics

By *Kristine Atkinson, Boston Scientific*

Abstract

With increasing mechanization of data processing and interpretation, the potential for error via data extrapolation or algorithmic editing rises. We will explore the path taken by original data to content sharing in patent and genetic databases. Data compression of large sequence files is of particular concern for accurate information retention over time on various platforms; there are also considerations of algorithm operation during transfers among devices and through complex protocol environments. For these information challenges we consider how patent data are serially processed and construed, with attention to sources and procedures that may lead to information loss or reconfiguration.

Biography

Kristine Atkinson is an early adopter and beta tester of many hardware and software innovations in electronic data retrieval, Kristine Atkinson's doctoral thesis in genetics was a treatise on proteomic and karyotype speciation driven by continental drift and host/parasite coevolution. She also holds an M.S. degree in cell biology, a bachelor's in foreign languages, and has enjoyed incarnations as a protein chemistry laboratory director, electron microscopist, biomanufacturing trainer, business analyst, medical editor, medical device and vaccine inventor, and discovery paralegal. She is a registered U.S. patent agent specializing in patentability, freedom-to-operate and technology landscape searches. She cochaired the Training Working Group of the PIUG Education task force from 2008 to 2012

Lossy Data Compression in Patent Informatics
By Kristine Atkinson, Boston Scientific

A large rectangular area with rounded corners, outlined in black, containing numerous horizontal lines for writing. This area is intended for notes or a presentation related to the topic of lossy data compression in patent informatics.

2:00 pm – 2:30 pm

DIY Searching

By Seth Mendelson, Novartis Institutes of Biomedical Research

Abstract

If you have ever watched a home improvement show and then tried a DIY project, you know that it often looks much easier on TV. Patent searching, analyzing and reporting strategies are much like a DIY project. Done well, methodologies for getting from request to report look downright easy.

Preparing for a search takes the same effort as preparing to tile your bathroom. You take measurements and collect information on the tile, adhesive and grout. We'll consider some good preparation techniques for uncovering keywords and exemplar sequences, how to re-focus the search request when you get a thousand hits, as well as selecting appropriate databases and sequence search settings. Performing a well-executed search is as deceptively simple as laying tile. Proper implementation can make the difference between a beautiful wall and a crooked, lumpy backsplash.

We'll discuss some good implementation strategies and how post processing can smooth the path to an attractive final report. Finally, you may love to watch the DIY disaster shows, but you don't want to be in one. You want to show off your job well done. We'll consider how to present what you found. The format of the report should tell a clear story to the client, highlighting the things they need to know without drowning them in irrelevant details and records. This is where you can include useful information that can save the client time and show them how invaluable your skills are.

Biography

Seth Mendelson is a Patent and Scientific Analyst in the NIBR Patents group at Novartis Institutes for Biomedical Research. He has a BS in animal science and an MS in physiology, both from the University of Rhode Island. He has held several positions, beginning at the bench in a microarray lab at the Genetics Institute, spending two years in the bioinformatics group at Wyeth and finally moving into patent searching. Seth began working as a patent analyst in 2004 and has been at Novartis since 2008.

DIY Searching
By Seth Mendelson, Novartis Institutes of Biomedical Research

A large rectangular area with rounded corners, containing numerous horizontal lines for writing. The lines are evenly spaced and extend across the width of the page, providing a space for notes or a list.

Session 4 - Moderator: Ruben Diaz, Genentech

3:15 pm – 4:45 pm

Panel: Assisting Information Professionals

Panelists will share their expertise in helping solve challenges in biotechnology patent searching, integrating, post processing and delivery. Each panelist will have an introductory speaking spot. The panelist will have five minutes per question and five minutes for questions. Panelists will select two of the following questions to be answered in the introductory speaking spot:

- What common difficult biotechnology/biosequence questions do you receive and how do you resolve them?
- Do you have an interesting story from your experiences?
- How do you see your role changing in the next five years?

Panelists will also answer questions from the audience.

Panelists

Denis Bayada, GenomeQuest

Jim Brown, FIZ Karlsruhe

Diane Webb, BizInt Solutions

Alice Humel Denton, CAS

Caroline Peel, Thomson Reuters

Panel: Assisting Information Professionals

A large rectangular area with rounded corners, outlined in black, containing numerous horizontal lines for writing. This area is intended for notes or a transcript during the panel discussion.

TURN SEQUENCE SEARCHES INTO OPPORTUNITIES!

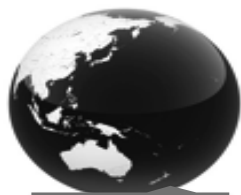
GQ-IP Platinum includes patents and patent info from emerging countries such as India & China, Extended Legal Status, as well as a Real-Time Alerting function, eliminating search re-do's simply for status updates.

Legal Status
Application
Granted
Pending
Revoked
Lapsed
Expired

Extended Legal Status



Real-Time Alerting



Emerging Countries Content

Visit Our Website & Sign-Up for Your Free Trial,
<http://www.genomequest.com/gq-ip/>



Now with over 200 million sequences!

GenomeQuest

INC.

INTELLIXIR

Business Intelligence
 Competition Monitoring and
 Technological Watching
 Patent&non-patent Literature

ANALYSE

VISUALIZATION

DETECTION

INTELLIXIR system is a **hosted and secure** web application (**SaaS**: Software as a Service) which analyzes **patents, scientific articles** as well as **clinical trials** exported from **enterprise, public** and **commercial** sources.

The analyses generated by INTELLIXIR are **customizable** and graphically represented in **dynamic and interactive** web pages.

Our system is mainly used by large science and technology organizations in all Industries, including cosmetic, pharmaceutical, medical, material, chemical, and energy.

You are welcome to join us on the occasion of events organized for information professionals to see INTELLIXIR's capabilities by yourself.

Our agenda of events is available on the website
www.intellixir.com

INTELLIXIR is a PIUG Biotech Meeting Silver Sponsor 2013

Analysis of new Cooperative Patent Classification codes (CPC)



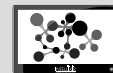
Document Ranking



Excel compatible



Customized categorization



INTELLIXIR
 RELEASE
 7.4

with **Document ranking**

NEW

Among other new features, this release of Intellixir enables a new Document Ranking based on your own priority ranking framework to range your analyzed documents by relevancy.



Download our booklet (PDF format).

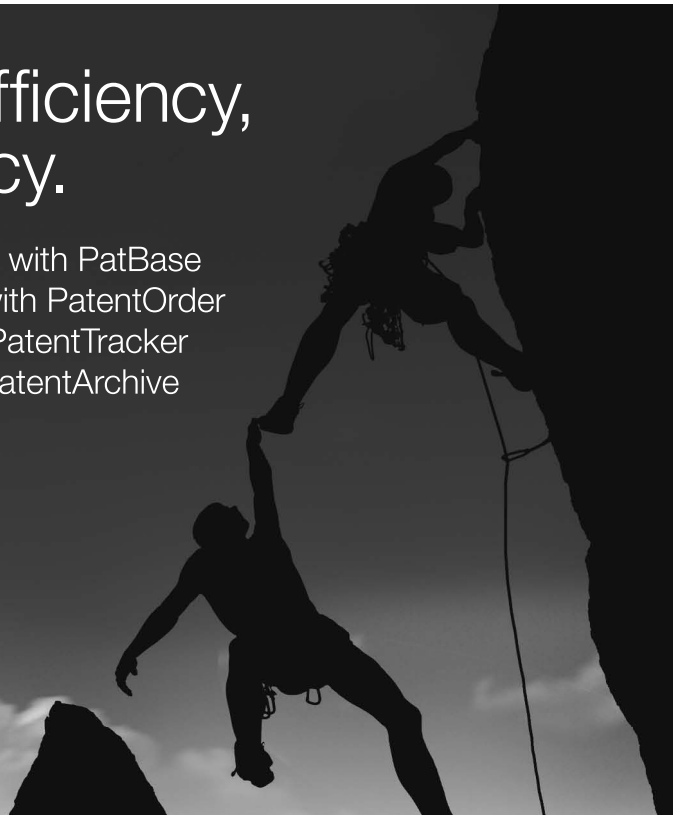
Galets Bleus Agence 04 92 72 27 19

Our solutions boost efficiency, without losing accuracy.

Search patents intuitively and comprehensively with PatBase
Order patent documents fast and effortlessly with PatentOrder
Monitor patent legal status automatically with PatentTracker
Manage patent portfolios collaboratively with PatentArchive
Find out how Minesoft solutions can transform
the way you work

www.minesoft.com

 **minesoft**
global patent solutions
London • Dusseldorf • Washington • Tokyo



the vantage^{point}

BizInt Smart Charts
Edition

Search Technology's newest product is a custom version of VantagePoint for use by BizInt Smart Charts customers. It provides an easy-to-use data exchange interface with Smart Charts, and includes VantagePoint's data cleaning and thesaurus tools as well as many of VP's visualizations and analytic tools.

Visit our table to see a demonstration.

VantagePoint is a powerful, flexible, and adaptable text-mining tool that helps you quickly analyze and navigate through large volumes of structured text to see patterns and relationships.

- >Competitive Technical Intelligence
- >Management of "Open Innovation"
- >Patent analysis
- >Intellectual property management
- >Research & technology management

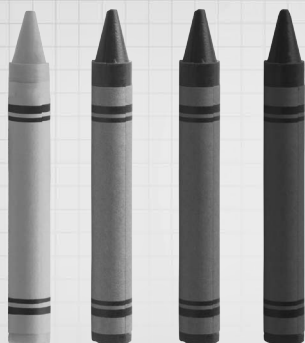
Ask for our free 30 day trial, and discover why so many Fortune 100 companies use VantagePoint to help them succeed.

Turning Information into Knowledge
www.theVantagePoint.com

Search Technology
the
vantage^{point}



IT'S HARD TO GET PROFESSIONAL RESULTS WITH AMATEUR TOOLS.



PROFESSIONALS SEARCH STN.

Your tool shouldn't restrict your results. STN is the most complete search and retrieval platform for the world's disclosed scientific and technical research. Only STN offers CAS' REGISTRY and other authoritative databases, Thomson Reuters' Derwent World Patents Index®, and the most complete offering of science and technical content along with unparalleled search precision. The world's patent offices rely on STN, shouldn't you? Learn more at stn-international.com.

STN[®]
THE CHOICE OF PATENT EXPERTS™

STN is operated jointly by CAS and FIZ Karlsruhe worldwide and is represented in Japan by JAICI.



TPR[®]
Technology & Patent Research
INTERNATIONAL™

18 of the world's top 20 pharmaceutical and bioscience companies trust TPR for scientific and patent literature searching.

Here's why:

- Each TPR Search Expert has over 10 years of in-house searching experience previously gained within major R&D corporations.
- Unrivalled mastery of technical online databases and specialized search techniques
- Capacity to handle urgent searches and high volume with NO RUSH FEES
- Direct communication with your TPR-assigned searcher
- Different levels of analysis and value-add according to your preferences and objectives



Need expert help on a search?
Request an estimate today.
+1-858-592-9084

Technology & Patent Research International, Inc.
17055 Via Del Campo, Suite 200, San Diego, California 92127

Send your patent or literature search request along with **promo code BIO2013** for a **free proposal and 10% discount** upon your authorization.

* Discount will not be applied to database charges or any other disbursements associated with your project. Offer cannot be combined with any other offers.

www.TPRinternational.com
searches@TPRinternational.com

Workshops

Monday, February 25

1:00 pm	5:00 pm	NCBI Workshop: "Entrez and Blast searching at NCBI"	Amgen
		Instructors: Peter Cooper & David Osterbur	

Wednesday, February 27

9:00 am	11:00 am	STN Workshop: "Searching Uncommon Sequences on STN"	Endeavor Room (Marriott Cambridge)
		Instructor: Jim Brown	
12:00 pm	2:00 pm	Minesoft Workshop: "Effective International Patent Searching on PatBase" (lunch provided)	Endeavor Room (Marriott Cambridge)
		Instructor: Phil Ostanock	
2:00 pm	4:00 pm	Linguamatics Workshop: "Can Agile Text Mining Help Meet the Challenges of Patent Searching?"	Discovery Room (Marriott Cambridge)
		Instructor: David Milward	

Please register for the Wednesday workshops by following the links at:

<http://www.piug.org/biotech13workshops>

Attendees (sorted by name)

Adamovich, David	Global Prior Art, Inc.	Peel, Caroline	Thomson Reuters
Aparo, Judith		Peng, Bo	Ironwood Pharmaceuticals
Atkinson, Kristine	Boston Scientific	Porier, Jean-Baptiste	INTELLIXIR LLC
Bayada, Denis	GenomeQuest	Raj, Christopher	Biogen Idec
Baycroft, Mike	IFI Claims	Rix, Tara	Harbor Consulting IP
Bernier, Rob	EBSCO Discovery Service	Robins, Suzanne	Patent Information Services
Brown, Jim	FIZ Karlsruhe	Roland, Greg	Merck
Buiel, Theresa		Saari, David	Science IP (CAS)
Burg, Barbara	Barbara Burg & Assoc	Shanker, Sumana	Shire Pharmaceuticals
Coburn, James	Harbor Consulting IP	Soscia, Stephanie	Biogen Idec
Cummins, Gary	FIZ Karlsruhe	Spytek, Kim	Novartis
Diaz, Ruben	Genentech	Stevenson, Janice	Digital Science
Eggerichs, Gin-Yun	AbbVie	Taylor, Alison	Abbott
Eitelman, Doug	RWS Group	Terlizzi, Joseph	Questel Inc.
Enriquez, Valerie	Ironwood Pharmaceuticals	Tritman, Alissa	GenomeQuest
Fisher, Donna	Biomeasure, Inc.	Turner, Elyse	
Frey, Paul	SearchTechnology	Varma, Anita	Ropes & Gray, LLP
Geluk, Christine	Eisai	Webb, Diane	BizInt Solutions
Gore Willse, Ann	Boehringer Ingelheim	Weiss-Nolen, Monica	sanofi pasteur
Gregory, Tracy	Linguamatics	Willmore, John	BizInt Solutions
Gulker, Mike	TPR International		
Heinrich, Julia	Bristol-Myers Squibb		
Humel Denton, Alice	Chemical Abstracts Service		
Jannin, Stephanie			
Jiang, Ning	Pfizer		
Jovic, Florence	Gilead Sciences		
Kenney, Bill	GenomeQuest		
Kolpin, Dave	Ropes & Gray, LLP		
Kratunis, John			
Lawson, William	Linguistic Systems, Inc.		
LeBeau, Susan	Linguamatics		
Maloy, Bill	GenomeQuest		
Maxwell, William	Genericsweb US Inc		
Mendelson, Seth	Novartis		
Meng, Qin	Amgen		
Milward, David	Linguamatics		
Narasani, Arun	Brain League IP Services		
Nauss, Jeff	Linguamatics		
Nawani, Ashish	Evalueserve		
Newman, Nils	SearchTechnology		
Nguyen, Dave	USPTO		
Oen, Helen	Eisai		
Ostanock, Phillip	Minesoft		
Pawliczek, Tobias	Novartis		

Attendees (sorted by company)

	Judith Aparo	Linguistic Systems, Inc.	William Lawson
	Theresa Buiel	Merck	Greg Roland
	Stephanie Jannin	Minesoft	Phillip Ostanock
	John Kratunis	Novartis	Seth Mendelson
	Elyse Turner	Novartis	Tobias Pawliczek
Abbott	Alison Taylor	Novartis	Kim Spytek
AbbVie	Gin-Yun Eggerichs	Pfizer	Ning Jiang
Amgen	Qin Meng	Patent Information Serv	Suzanne Robins
Barbara Burg & Assoc	Barbara Burg	Questel Inc.	Joseph Terlizzi
Biogen Idec	Christopher Raj	Ropes & Gray, LLP	Dave Kolpin
Biogen Idec	Stephanie Soscia	Ropes & Gray, LLP	Anita Varma
Biomeasure, Inc.	Donna Fisher	RWS Group	Doug Eitelman
BizInt Solutions	Diane Webb	sanofi pasteur	Monica Weiss-Nolen
BizInt Solutions	John Willmore	Science IP (CAS)	David Saari
Boehringer Ingelheim	Ann Gore Willse	SearchTechnology	Paul Frey
Boston Scientific	Kristine Atkinson	SearchTechnology	Nils Newman
Brain League IP	Arun Narasani	Shire Pharmaceuticals	Sumana Shanker
Bristol-Myers Squibb	Julia Heinrich	Thomson Reuters	Caroline Peel
CAS	Alice Humel Denton	TPR International	Mike Gulker
Digital Science	Janice Stevenson	USPTO	Dave Nguyen
EBSCO Discovery	Rob Bernier		
Eisai	Christine Geluk		
Eisai	Helen Oen		
Evalueserve	Ashish Nawani		
FIZ Karlsruhe	Jim Brown		
FIZ Karlsruhe	Gary Cummins		
Genentech	Ruben Diaz		
Genericsweb US Inc	William Maxwell		
GenomeQuest	Denis Bayada		
GenomeQuest	Bill Kenney		
GenomeQuest	Bill Maloy		
GenomeQuest	Alissa Tritman		
Gilead Sciences	Florence Jovic		
Global Prior Art, Inc.	David Adamovich		
Harbor Consulting IP	James Coburn		
Harbor Consulting IP	Tara Rix		
IFI Claims	Mike Baycroft		
INTELLIXIR LLC	Jean-Baptiste Porier		
Ironwood Pharma	Valerie Enriquez		
Ironwood Pharma	Bo Peng		
Linguamatics	Tracy Gregory		
Linguamatics	Susan LeBeau		
Linguamatics	David Milward		
Linguamatics	Jeff Nauss		



Patent Information Users Group, Inc.

The International Society for Patent Information

About PIUG

The Patent Information Users Group, Inc. (PIUG) – The International Society for Patent Information is a not-for-profit organization for individuals having a professional, scientific or technical interest in patent information.

The Patent Information Users Group (PIUG) was established in 1988. The objective of the group was to create a forum to discuss issues and concerns relevant to the patent searcher community. PIUG promotes the importance of intellectual property, especially patent publications, and most specifically, the computerized patent databases. Since 1988, PIUG has worked with intellectual property database producers and vendors to maintain and to improve the quality of their product from the customer, or user, perspective.

The mission of PIUG is to support, assist, improve and enhance the success of patent information professionals through leadership, education, communication, advocacy and networking. Through this international forum and discussion, we also promote and improve the retrieval, analysis and dissemination of patent information.

PIUG has over 700 active members representing 27 countries including the United States. The largest concentration of members is from the USA, Europe and Japan. PIUG members are patent attorneys, patent agents, licensing professionals, patent information researchers, patent information vendors, and patent information and documentation experts from the U.S. and abroad.

We have nearly 300 patent information professionals who do patent searching for corporations, over 100 patent information consultants, over 80 patent information professionals who do patent searching for law firms, and about 20 searchers based in academic institutions. We are employed in performing patentability, freedom-to-practice, and validity patent searches for Fortune 500 / multinational companies, leading universities and major IP law firms. In recent years, PIUG members have also engaged in patent information analysis as a strategic innovation tool.

PIUG has an active Discussion Forum that is featured on the PIUG wiki, a global collaborative tool with over 1400 subscribers worldwide and produces a newsletter twice a year. In addition, we have a presence in professional and social networking channels, such as LinkedIn and Twitter. The PIUG newsletter contains members' articles, salary survey results, search tips, meeting trip reports, and information on patent database vendor and producer developments.

Membership Information

Membership is based on the calendar year. Renewals after October 1 are effective until December 31 of the following year. Effective January 1, 2012, the one-year membership fee is \$60 (US) and includes the member benefits listed below. A discounted annual membership fee of \$30 (US) is available for full-time students, full-time retirees and those unemployed at the time of renewal. We also offer a discounted membership fee to individuals from lower income, emerging countries (as defined by the World Bank).

Membership benefits include:

- PIUG Membership Directory (Members-only site).
- Reduced registration fees for PIUG conferences: the PIUG Annual Conference (May), PIUG Biotech meeting (February) and PIUG Northeast Conference (October).
- Access to Annual, Biotech, and Northeast Conference Proceedings (Members-only wiki access).
- PIUG Newsletter and Newsletter Archive Access (the cover page of the most recent issue is available to all).
- PIUG Salary Survey and Access to Previous Surveys (Members-only wiki access).
- Enhanced functionality on PIUG wiki.
- Ongoing professional training through conference venues and sponsors.
- Access to the PIUG LinkedIn group.

For more information about PIUG please visit www.piug.org and wiki.piug.org

Celebrating Our Past 25 Years... Preparing for Our Future:

Best practices for keeping up with the rapidly changing patent landscape

2013 ANNUAL CONFERENCE PATENT INFORMATION USERS GROUP, INC.

Saturday, April 27 - Thursday, May 2, 2013

Hilton Alexandria Mark Center
5000 Seminary Rd, Alexandria, VA
+1-703-845-1010



The International Society for Patent Information

WHO SHOULD ATTEND?

Those who have a professional, scientific, or technical interest in patents including those who work in corporations, universities, law firms, government and non-government organizations.

WHY JOIN US IN ALEXANDRIA:

The conference will feature world-renowned experts on patent information for technology research and planning, for legal organizations, and for overall corporate IP management (technology licensing and related activities). The conference will include many opportunities for discussion and part of Tuesday afternoon will be dedicated to visiting the exhibit hall. Many workshops will also be held in conjunction with this meeting (before, during and after the technical sessions).

KEYNOTE SPEAKER - Teresa Stanek Rea

Acting Director, USPTO and Deputy Under Secretary of Commerce for Intellectual Property



Ms. Teresa Stanek Rea oversees an office that encourages innovation and technological advancement, and helps businesses protect their investments, promote their goods and safeguard against deception in the marketplace.

Ms. Rea joined the USPTO in 2011 as Deputy Director. She is a leading attorney in the field of intellectual property with more than 25 years of legal experience and a past president of the American Intellectual Property Law Association.

AGENDA:

Saturday - Sunday: Pre-conference workshops to learn about new developments in finding and analyzing patent information as well as improving your professional career skills

Sunday: Network with colleagues and fellow PIUG members at the Welcome Reception

Monday - Wednesday: Technical plenary sessions and exhibit hall open

Monday: Gala Awards Dinner

Tuesday: See PIUG members perform this year's IFFI play, followed by the annual ice cream social

Thursday: Post-conference workshops

Early Bird Registration Rates End March 15, 2013

Take advantage of discounted member registration fees by renewing or becoming a PIUG member at www.PIUG.org



"Bossa" the new puppy from Sweden (photo by Bertha Adamson.)

Welcome to the newest member of the **BizInt Smart Charts** family!



BizInt Smart Charts

Edition

Title	Database	Patent Family			Patent Family: BizInt Authorities		
		Patent	Kind	Date	Patent	Kind	Date
32. Transcriptome Microarray Technology and Methods of Using the Same	32.1	GPATNUC	WO2006048291		20060511	EP1815021	
	32.2	GPATNUC	AU2005300688			US20060134663	
	32.3	GPATNUC	CA2586201			US20090221437	
	32.4	GPATNUC	CN101115848			WO2006048291	20060511
	32.5	GPATNUC	EP1815021				
	32.6	GPATNUC	JP2008518610				
	32.7	GPATNUC	NZ554895				
	32.8	GPATNUC	US20060134663				
33. Homoeologous region determination method for livestock farming and agriculture field, involves providing continuous probability of polymorph markers sat predetermin judgment co	33.1	GENESEQ	WO2007007691		20070118	US20090155782	
	33.2	GPATPRT	JP1992059517			WO2007007691	20070118
	33.3	GPATPRT	US20090155782				
34. Predicting postoperativ prognosis of with pulmon adenocarcin vitro, involve distinguish pulmonay adenocarcin terminal res unit TRU type and pre prognosis b subtypes.							

VantagePoint – BizInt Smart Charts Edition

helps you **normalize, filter, analyze and visualize** data from the leading drug pipeline, clinical trial, patent and sequence databases.

Designed for use with the BizInt Smart Charts product family, VantagePoint – BizInt Smart Charts Edition (VP-SCE) provides exciting new capabilities to BizInt Smart Charts users. For example, you can **filter patent families by authority**, or extract the highest phase for a specific indication.

And, you can create accurate and useful **visualizations** from multi-database reports.

To learn more about the BizInt Smart Charts product family, come by our booth or visit www.bizcharts.com

BizInt Smart Charts



BizInt Solutions, Inc.
650 North Costello Place
Orange, CA 92869 USA
1.714.289.1000
www.bizcharts.com