

With ever-growing costs for healthcare, the underlining biomedical research needs to be **better, faster, and cost efficient**. Current Big Data issues in biomedical research (data deluge, data silos and inter-incompatibility) overwhelm researchers and business associates alike. There is no single solution at the moment but a huge push for cross-functional collaborations and open discussions. We strongly believe that our technology and tools can help the research community.

CaptoMe: federated search with unique and powerful results display

The underlying proprietary technology allows us to display search results in a tabular format. A simple transition from a traditionally used list-view for query results to a table-view format proved to be very powerful and efficient for online research. For example, the number of records per each category (cS3 table view on the right) can demonstrate the impact of Big Data on research. A total of 7,258 publications in biomedical field are either concerned about or work with Big Data to improve Healthcare outcomes. In addition, 733 clinical trials, 747 patents, 1,584 news, and 315 conferences have in some ways mentioned their relevance to Big Data. Meanwhile – the grey-out categories immediately show areas untouched by the Big Data complications. Customization of the categories within cS3 table is part of the VestiCorp offerings. Learn at <https://goo.gl/Dk3Wcc>.

cS3 [®] Summary		
Cell Biology	Omics	Model Organisms
Cell Structure (1128)	Genomics (1871)	Mice (3)
Cell Types (760)	▶ DNA and Genes (208)	Cells (3)
Cell Function (1286)	▶ RNA and RNAi (405)	Yeast (3)
▶ Cell Division (476)	▶ Genome (782)	Chromosomes (3)
▶ Transcription (125)	Proteomics (1962)	Viruses (3)
▶ Translation (116)	Metabolomics (841)	Other Path (3)
▶ Gene Expression (146)	Pharmacogenomics (487)	White (3)
▶ DNA Repair (86)	Other Omics (1348)	Reduct (7)
▶ Apoptosis (80)	Pharmacology (ADME) (1712)	Human (3)
▶ Other Cell Functions (247)	Toxicity (136)	Other Model Organism (1)
Immunology	Signaling Pathways	Reviews
Immune System (247)	Genetics (732)	Systematic Review (308)
Inflammation (312)	Chromosome (1818)	Historical Article (40)
Immune Cells (18)	Tissue (144)	Gene Therapy (176)

Starting June 2017, Vesti offers a simple version of CaptoMe (www.captome.com) with Cell Biology categories for cS3

CaptoMe

Federated Biomedical Intelligence - Fast, Smart, Relevant

Enter Search Term

- 1. COMPLEX DATA**
From ONE portal with ONE key word publications, clinical trials, patents, news feed, and conferences.
- 2. PRE-ORGANIZED RESULTS**
Assess search results and its stats per category for faster focused research and discoveries.
- 3. DISCOVERY**
Dive FAST into selected area of your domain of interest. Discover MORE facts and information in LESS time.

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table and access to publications search – as **PUBLIC BROWSER**, free of charge. The enterprise version of CaptoMe furnished with three therapeutic domains, access to all data sources (publications, patents, clinical trials, biomedical news, and conferences), and supported by customer services - will be available on demand to those small to mid sized companies that focus on healthcare research (www.demo.captome.com). The capacity of our system can currently support for up to 1,000,000 concurrent users and may be expanded further as needed.

Mobile C-Suite: 6-months performance

As reported in previous issue of Vesti Newsletter, a suite of five mobile applications was release in November of 2017 with a goal to better understand market needs and consumer interests. With \$0 invested in targeted marketing for each application, the Google analytics show that C-News and CBiomed are the most popular among the five Apps. Interestingly, the C-News application is mostly used in France, Japan and China, while C-Biomed – predominantly in UK. These observations, although in early stages, suggest the need in focused marketing for both the laptop and the mobile applications developed by VestiCorp. Specifically, the C-Trials application – the worldwide clinical trials (CT) information with pre-categorized information about locations and therapeutics – should be advertised as a personal CT guide for regular consumers.

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