

Mark McBride

Digital Leader of Patient-Centric Teams, Process, and Technologies

Location:

Seattle, Washington

Mobile Phone:

US +1 650 580 0259

Email:

mark@markmcb.com

This is a multi-page CV.

1-page summary résumé and

current versions available at:

markmcb.com/cv

Professional references

available upon request.

Profile

Career leader with over 25 years experience building teams and directing projects ranging from startup to worldwide market scale. Expertise developing commercial launch and digital strategies to deliver business processes, IT systems, and cross-functional organizations. Computer science education. Competent in regulated environments and personalized healthcare.

Experience

Vice President, Chief Information Officer 2024-present

Autolus — London, UK and Seattle, Washington

Member of the Autolus executive team charged with launching the company's first commercial product, Obe-cel (obecabtagene autoleucel, AUTO1), a CD19 CAR T cell therapy for Acute Lymphoblastic Leukemia (ALL), B-Cell Non-Hodgkin Lymphoma (B-HNL), and Chronic Lymphocytic Leukemia (CLL).

- Accountable for all IT operations and strategy.

Executive Director, Cell Therapy Digital 2023-2024

Bristol Myers Squibb (BMS) — Seattle, Washington

Core team member of the Cell Therapy "Build the Foundations Program" sponsored by the BMS President of Cell Therapy. Oversee projects and programs that target improvement to product turnaround times, digital harmonization, and other areas that are viewed as barriers to scaling patient volumes to the next order of magnitude.

- Lead the SUCCESS Program, which aims to harmonize ERP at all sites to SAP S/4. Start point was a mix of three different ERPs inherited from previous acquisitions. Includes the migration of 4 manufacturing sites, several warehouse, the entire external manufacturing footprint, and all finance and order-to-cash functions.
- Own the CT-level portfolio of strategic programs and projects. Includes efforts in Tech Ops, Supply Chain, Commercial, and Franchise. Drive governance with senior stakeholders. Liaison to the larger BMS portfolio of projects to ensure alignment where shared systems and processes exist.
- Lead an organization of 100 people, including digital portfolio and project management, process and operations excellence, digital process delivery, training, and change management.

Senior Director, Cell Therapy Patient Experience & Process Management 2018-2023

Juno Therapeutics | Celgene | BMS — Seattle, Washington

Program lead for major (>\$100M USD) capability investment called "Cell Therapy Digital Platform" (CTDP). Accountable to the heads of Cell Therapy Operations and the Cell Therapy Franchise, CTDP provided the validated processes and controls expected by the US Food & Drug Administration (FDA) required for the first commercial launches for CAR-T products within the company.

- Led the CTDP program through the first US commercial orders in the platform. First platform in the industry to enable 2 CAR-T therapies commercially. Partnered with company leaders to develop a roadmap for enabling subsequent world-wide market launches.
- Led the program LT to secure the annual CTDP program budget to staff and build solutions in Salesforce, Oracle EBS, SAP S/4, MES, and LIMS, plus middleware, and satellite applications.
- Ensured long-term sustainment of CTDP by launching an organization to manage a portfolio of continuous improvement and strategic changes, and establish a process management practice.

Location:
Seattle, Washington

Mobile Phone:
US +1 650 580 0259

Email:
mark@markmcb.com

This is a multi-page CV.
1-page summary résumé and
current versions available at:
markmcb.com/cv

Professional references
available upon request.

- Authored the *Chain of Identity* text for the Biologics Licensing Agreement (BLA) and worked with Manufacturing Science & Technology team to prove to the FDA sufficient controls were in place to track and trace patient material.

Director, Biometrics Medical Data Architecture, Analysis & Visualization 2017-2018

Genentech — South San Francisco, California

Responsible for delivering Product Development technical capabilities to enable biostatisticians, clinical data managers, and statistical programmers to deliver our portfolio of new products. Lead an international team of information architects and senior application developers with members in the US, Canada, UK, and Switzerland

- Designed and deployed a Technical Capability Management framework to drive a more consistent approach to managing systems and the matrix networks that make use of them.
- Improved senior leader decision making by establishing a Biometrics Information Landscape view and process to consider strategic options for critical data flows within the organization. Accomplished by offering a simplified technical view alongside key decision criteria such as cost, internal process efficiency, strategic enablement, etc.

Director, Global Technical Operations Data Management 2015-2017

Roche — Basel, Switzerland

Responsible for all commercial product data governance in an organization of over 10,000 people, including adherence to external regulations (e.g., FDA, EMA). Lead an international team of 39 people and a large, cross-functional matrix community focused on product data operations.

- Led selection and engagement of top tier consulting firms to benchmark internal approach to data management and assess the business case for making transformational changes. Successfully secured senior vice president level support for installation of a central team to reduce compliance risks and lower costs of operations. Led team to launch two new Informatica IT systems which transformed critical components of the operations landscape.
- Founded a collaboration with Product Development, R&D, and IT organizations to build a complete Pharma data practice that will span the majority of Roche.
- Matrix leader of director-level business process owners in the Pharma Tech Operations organization overseeing product, customer, vendor, and finance data for commercial and clinical operations.
- Ensured Product Supply Chain Teams and Technical Product Teams were able to execute Supply Chain planning by delivering data operations support. Enabled both internal and cross-functional improvements by managing a robust set of KPIs.
- Delivered high scores in a company-wide Aon Hewitt engagement survey despite a challenging operations environment and a reorganization.

Director, Global Supply Chain Data, Systems & Reporting 2013-2015

Roche — Basel, Switzerland

Responsible for business operations support of global supply chain systems, including SAP ERP & APO solutions, global reporting and data warehousing, and master data operations. This included both sustaining existing solutions, and leading projects to adapt the solution landscape to ever-changing business needs. Led a team of 22 process and system experts.

- Designed and built the departmental team. This team was a key component of a new strategy that centralized critical global assets like systems, process, and portfolio management. Brought together

Location:
Seattle, Washington

Mobile Phone:
US +1 650 580 0259

Email:
mark@markmcb.com

This is a multi-page CV.
1-page summary résumé and
current versions available at:
markmcb.com/cv

Professional references
available upon request.

colleagues from more than 8 different teams and delivered very high engagement scores in a company-wide survey.

- Designed the system component of a new company-wide planning operating model. Collaborated with colleagues in both Planning and IT organizations to optimize a systems landscape including 7 major SAP instances.
- Developed and managed the process for controlling changes to Supply Chain systems. This includes both process design, roll-out and adoption, and process execution.

Sr. Manager, SAP Systems & Reporting 2009-2013

Genentech — South San Francisco, California

Project and portfolio manager responsible for driving continuous improvement of SAP solutions supporting the North American Supply Chain business areas. Led a team of 6 business analysts and dozens of IT developers to design and develop solutions that supported immediate and long-term business needs. Convinced and trained areas of the the business not yet using SAP to maximize the ROI on the system investment. Supported Business Process Owners' efforts to define and maintain end-to-end business processes.

- Owned the entire portfolio of changes to the North American ERP system and associated budget.
- Selected to lead the team managing changes to the ERP system for Europe, Africa, and parts of Asia as a 6-month expatriate assignment in Basel, Switzerland.
- Developed a portfolio of web-accessible metrics to measure performance on operational processes that are viewed by over 1,000 users monthly and are the basis for several corporate goals.
- Built a multi-national collaborative community of over 200 super users and system experts.
- Designed and deployed innovative tools allowing product supply chain managers to visualize their products, which consisted of hundreds of SKUs and thousands of unique recipes.
- Enabled ad hoc reporting and analysis across Genentech Technical Operations by leading a \$2M project to build a data warehouse. Able to remove 25% of cost quoted by IT by finding simpler solutions requiring less overhead and maintenance.
- Awarded a "key contributor" bonus by senior leaders multiple times for making significant contributions to the company. Awarded to less than 5% of the company's employees annually.

Global Demand Manager, Genentech 2007-2009

Genentech — South San Francisco, California

Managed the commercial, clinical, export, and non-market demand streams within the sales and operations planning process.

- Transitioned legacy forecasting processes to automated solutions using SAP's Advanced Planning and Optimization (APO) software.
- Increased forecast accuracy and stability across all products to fully account for internal demand for commercial products and raw materials for R&D, engineering, and other activities.
- Assigned to participate on a special project working with the Commercial Forecasting team to improve the accuracy of their forecasts for new product launches. Built new statistical models to better predict market uptake based on the demonstrated performance of previous launches. Manufacturing was able to order new materials closer to actual production, thus lowering inventory carrying costs and raw material costs.
- Awarded a "key contributor" bonus by senior leaders for making significant contributions to the company. Awarded to less than 5% of the company's employees annually.

Location:
Seattle, Washington

Mobile Phone:
US +1 650 580 0259

Email:
mark@markmcb.com

This is a multi-page CV.
1-page summary résumé and
current versions available at:
markmcb.com/cv

Professional references
available upon request.

Commercial Product Planner, Genentech 2006-2007

Genentech — South San Francisco, California

Created and managed the supply network plan for two biopharmaceutical products with combined revenues over \$1 billion.

- Led the effort to model and plan all commercial products using SAP's APO and R3 systems during Genentech's \$200M+ project to transition to the SAP enterprise resource planning (ERP) system.
- Saved over \$10 million by identifying errors in contractor's planning. Avoided additional costs of carrying inventory and expiration of excess products.
- In the absence of an ERP system, performed manual monthly planning to assess current regulatory climate and project when inventory should be produced, quality tested, and approved for various markets. Planned all global production of two commercial products.

Communications Officer 2001-2006

US Army — Fort Carson, Colorado

Served as a lieutenant and captain in the US Army's Signal Corps. Led ongoing operations to deliver tactical communications support to the 4th Infantry Division headquarters both in peacetime and during a 1 year tour in Iraq.

- As a platoon leader and executive officer, successfully planned the operations and maintenance necessary to deploy hundreds of millions of dollars worth of equipment and over 200 soldiers halfway around the globe, and back again.
- Developed new processes in Iraq for quicker and more accurate assessments of the condition of the tactical network by making use of log data available in system "node centers" that was largely going unused. The result was earlier awareness of degrading connectivity, which allowed for faster response and increased uptime.
- Awarded Bronze Star for "exceptionally meritorious achievement" during combat operations in Iraq

Education

APICS Certification in Production and Inventory Management — CPIM, 2007

United States Military Academy, West Point, New York — B.S., Computer Science, 2001

- Top graduate in the Computer Science major. 3.67 GPA.
- Sole recipient of the US Grant award for exceptional leadership.

Digital Innovation

- Led a team to develop one of the first cell therapy digital platforms in existence, and the first to support multiple therapies. Included very tight integration of manufacturing and commercial processes to enable short cycle times. 2018-2022.
- Initiated and led the complete replacement of manual Roche-internal data management systems to more modern solutions. 2016-17.
- Have built several organizations from scratch, and have completely reconfigured others. Strong mind for building teams that are fit-for-purpose, and bold enough to make big changes when circumstances require it.
- Have personally developed many quick solutions to problems that would otherwise have taken months, years, or possibly never started.

Location:
Seattle, Washington

Mobile Phone:
US +1 650 580 0259

Email:
mark@markmcb.com

This is a multi-page CV.
1-page summary résumé and
current versions available at:
markmcb.com/cv

Professional references
available upon request.

- Built a Roche-internal interactive web site to provide Genentech super users an internal collaboration medium to track community roles and assignments. Concept-to-delivery was roughly 3 weeks. Solo effort. No direct cost. 2011.
- Convinced senior managers to depart from legacy documentation systems and implemented an instance of MediaWiki (i.e., tech behind Wikipedia) for process definition storage. Accomplished over a few months as a “spare time project,” with no formal budget, team, charter, etc. Eventually adopted as the repository for all operations business process and end-user systems documentation. 2009.
- Developed an application to parse bills of materials and manufacturing information and graphically depict them using free software. Allowed product planners to see issues that were hidden in thousands of unique SKUs. 2008.