

PETER BUNIAK

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CHIEF INFORMATION OFFICER | VP OF INFORMATION TECHNOLOGY

AI-Forward Biotech CIO/ Digital Transformation Executive

Life Sciences · Biotech & Pharma · Clinical Development · Digital Transformation · AI Strategy & Governance

Enterprise technology executive with 25+ years of leadership across biopharma and life sciences, driving AI-enabled digital transformation, enterprise IT strategy, and scalable operating platforms in regulated environments. Proven track record modernizing enterprise systems, building high-performing IT organizations, and aligning technology investments to clinical, regulatory, and commercial priorities. Experienced leading cloud infrastructure, cybersecurity, enterprise applications, and commercialization readiness initiatives supporting growth-stage and commercial biotech organizations, including Kadmon Pharmaceuticals through its \$1.9B acquisition by Sanofi.

CORE COMPETENCIES

AI Strategy & Governance	Digital Transformation	Commercial Launch Readiness
Cloud Infrastructure & Enterprise Platforms	Cybersecurity & IT Governance	GxP / SOX Compliance
Data Strategy & Analytics	Organizational Transformation	Vendor Management & Cost Optimization

PROFESSIONAL EXPERIENCE

REVALIA BIO, INC. | Greater Boston, MA | 2022 – 2025

Early-stage life sciences company pioneering human data trials and human organ digital twin technology to transform drug development. Raised \$19M in pre-seed and seed financing.

Chief Operating Officer & Technology Executive

Founded and led enterprise operations from inception across Finance, Engineering, Quality, PMO, and Facilities. Served as the senior technology leader overseeing development and delivery of the company's GxP-ready AI-enabled human organ data platform. Scaled the company to 25 employees and 8,500 sq. ft. of lab and office space.

- **AI Platform Leadership:** Architected and delivered an AI-enabled data platform incorporating adaptive machine learning algorithms for real-time organ viability analysis, with full GxP compliance, data integrity controls, and audit-trail requirements — establishing a novel regulated AI application in human data trials.
- **Engineering Organization:** Built and led a 10–15 person full-stack software engineering team delivering a scalable, GxP-ready software and data platform through commercialization.
- **AI Governance:** Designed and implemented enterprise AI governance frameworks, data integrity controls, and inspection-readiness protocols across all human organ data trials and platform operations.
- **IP & Technology Transfer:** Negotiated and executed the technology transfer of Human Organ Digital Twin IP from Yale University, securing exclusive commercialization rights and aligning scientific innovation with a scalable product infrastructure.
- **Fundraising & Financial Operations:** Co-led fundraising efforts contributing to \$19M raised in pre-seed and seed capital. Built Finance and FP&A operations including dashboards and investor-grade reporting to enable strategic decision-making and resource allocation.
- Established QA, PMO, governance, and operating frameworks supporting regulatory readiness, execution discipline, and scalable commercialization.

KADMON PHARMACEUTICALS | Cambridge, MA | 2016 – 2022

Fully integrated biopharmaceutical company spanning R&D, clinical, regulatory, manufacturing, and commercial operations. Acquired by Sanofi for \$1.9B.

Senior Vice President, Chief Information Officer | 2018 – 2022

Led enterprise-wide digital transformation across a fully integrated biopharma organization, rebuilding IT from low maturity into a strategic, scalable, compliance-ready enterprise. Managed full IT operations including cloud infrastructure, enterprise applications, cybersecurity, vendor management, and a cross-functional IT team. Contributed to the company's \$1.9B acquisition by Sanofi through scalable systems, operational discipline, and integration readiness.

- **Digital Transformation:** Led end-to-end digital transformation across R&D, Clinical Operations, Regulatory, Finance, Quality, and Commercial functions — aligning technology strategy to corporate priorities and product commercialization roadmap.
- **Organization Building:** Rebuilt and repositioned the IT organization from low maturity to a strategic business partner, defining roles, governance structures, service delivery standards, and compliance controls across the enterprise.
- **Enterprise Modernization:** Defined and executed enterprise modernization roadmap, migrating Oracle EBS → Oracle Cloud, OBIEE → Oracle Analytics Cloud, Hyperion → PBCS, and Documentum → Veeva Vault — eliminating technical debt and building scalable, cloud-based platforms.
- **Cybersecurity & IT Controls:** Established enterprise cybersecurity, ITSM, SOX readiness, and governance programs supporting scalable operations, audit preparedness, and business continuity.
- **Commercial Launch Readiness:** Partnered with commercial leadership to support launch readiness through digital engagement, analytics, omnichannel marketing, and field enablement initiatives.
- **M&A Integration:** Supported acquisition by Sanofi (\$1.9B), contributing to IT integration readiness, systems due diligence, and scalable infrastructure transition.

ENERGIZE TECHNOLOGIES, LLC | Greater New York City Area | 2014 – 2016

Boutique technology and consulting firm focused on life sciences process transformation and digital product development.

Founder & Chief Technology Officer

- Designed enterprise content management and digital marketing governance frameworks for life sciences clients.
- Architected and co-developed an AI triathlon coaching platform from ideation through production.

DAIICHI SANKYO, INC. | Parsippany, NJ | 2003 – 2015

Large global pharmaceutical company with billion-dollar commercial products and a major pipeline.

Senior Director, Business Architect — Sales, Marketing & Operations | 2012 – 2014

Led organizational reengineering and business architecture initiatives across Sales, Marketing, Operations, and Business Development using enterprise architecture principles.

- Delivered \$4.76M in combined cost savings and value creation across four reengineering initiatives:
- Created a business transformation methodology and team of 8 using enterprise architecture and consulting principles.
- Identified potential for \$2.2M in value by optimizing pricing adjustment execution to minimize speculative buying risk.

Senior Manager, IT Strategy & Governance | 2008 – 2012

- Reduced overall IT operating budget by 10% (\$3M) by leading a full organizational assessment, documenting all IT capabilities, evaluating strategic value contribution, and designing a future-state structure.

- Defined new IT capabilities — business analysis, relationship management, business transformation, and business intelligence — to align IT with corporate strategy.
- Created and delivered all objectives of a four-year IT Strategic Business Plan for U.S. and Global IT.

Early Career Experience in enterprise application development, SDLC design, cybersecurity assessments, Project Management (PMP) and web platform engineering within a global pharmaceutical environment.

EDUCATION

MBA, Strategy & Entrepreneurship New York University — Stern School of Business

BS, Information Technology — Rochester Institute of Technology

Project Management Professional (PMP)

HOBBIES & INTERESTS

Ironman triathlete | Classically trained pianist (Carnegie Hall performance) | Eagle Scout & Plast USA leadership