



Dr. Holger Engel

BRIDGING SCIENCE, ENGINEERING AND BUSINESS

Diagnostics | Life Science Tools | Product Development | Interim Leadership

Hamm, Germany

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CONTACT

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CORE EXPERTISE

- Product Development & Productization
- Technology-to-Business Translation
- Diagnostics & Life Science Tools
- Interim Leadership & Build-up Support
- Manufacturing Concepts & Production Build-up
- ISO 13485 & IVD Development
- Fundraising & Investor Communication
- Cross-Functional Leadership

EDUCATION

Ph.D., Molecular Biology & Immunology
Summa cum laude

Technical University Carolo Wilhelmina zu Braunschweig, Germany

PATENTS & PUBLICATIONS

20+ Patents/P. Applications
Original Publications

LANGUAGES

- German (Native)
- English (Business Fluent)
- French (Basic)
- Spanish (Basic)

EXECUTIVE PROFILE

Diagnostics and Life Science executive with 20+ years of experience transforming technologies into products and ventures.

Track record of developing and launching more than 100 products across molecular diagnostics, life science tools and point-of-care systems.

Experienced in product development, productization, manufacturing transfer, technology translation and cross-functional leadership in startup and corporate environments.

CAREER HIGHLIGHTS



25+

Years Experience



100+

Products Developed & Launched



20+

Patents / Patent Applications



16+

M&A Projects



Startup Founder

and Venture CEO

PROFESSIONAL EXPERIENCE

- CEO – Allergios B.V.** 03/2025 – 06/2026
 - Led development of a novel allergy diagnostics platform combining microfluidics, digital imaging and AI-supported data analysis.
 - Strategic & Organizational Re-start, Managed fundraising activities, strategic partnerships, productization roadmap in a venture-builder start-up.
- CEO & Founder – Ambiatec Biosolutions GmbH** 2021 – 2025
 - Founded and led a diagnostics startup focused on ultra-fast molecular diagnostic technologies from concept to prototype.
 - Directed all steps from idea to technology strategy, fundraising, IP development and strategic partnerships.
- CEO – Dr. Holger Engel Consulting GmbH** 2017 – PRESENT
 - Supporting diagnostics, life science companies in effectively translating technology into products, especially focusing on system developments.
 - Acting as strategic sparring partner, execution-focused interim leader and consultant for startups and established organizations.
- Director Diagnostic Reagents – STAT-Dx (acquired by QIAGEN)** 2014 – 2017
 - Senior leadership role driving reagent and multiplex molecular point-of-care syndromic testing IVD system development through Series C financing and successful exit to QIAGEN.
- Head of Applied Testing R&D – QIAGEN** 2009 – 2014
 - Established and led QIAGEN's Applied Testing R&D Competence Center and strategic development activities. Business Segment Leadership Team Member.
- Senior Scientist R&D – QIAGEN** 2001 – 2009
 - Developed multiplex PCR assays, reagents and sample-to-result technologies and launched multiple products across life science and diagnostics markets.

SELECTED AREAS OF IMPACT

PRODUCT & TECHNOLOGY

- Assay & Platform Dev
- Program Management
- Point-of-Care Systems
- Production Concepts
- Technology Evaluation

OPERATIONS & QUALITY

- Productization
- Regulatory Strategy
- Manufacturing Build-up
- Outsourcing
- ISO 13485

LEADERSHIP & EXECUTION

- Interim Leadership
- Cross-Functional Teams
- Strategic Roadmaps
- Stakeholder Management
- Organizational Development

BUSINESS & GROWTH

- Fundraising Support
- Investor Communication
- Commercial Translation
- COGS Analysis
- M&A Support