

# Curriculum Vitae

**Name:** Patrik Scholler

**Title:** Chemical Engineer, PhD

**Nationality:** German

**Date of Birth:** 11/19/1968

**Place of Birth:** Bad Vilbel, Germany

**Marital Status:** married



---

**School:** 1974 - 1980 Elementary School (Eppersthausen, Germany)  
1980 - 1985 Secondary School to 11<sup>th</sup> grade (Dieburg, Germany)  
1985 - 1986 High School (Castro Valley, CA)  
*Receipt of High School Diploma*  
1986 - 1988 Secondary School (Dieburg, Germany)  
*Receipt of "Abitur"(final examination)*

**Studies:** 10/88 - 8/93 Technical University of Darmstadt, Germany  
Studies of Chemical Engineering  
Extra subject: Biochemistry  
[1/93 - 6/93] Diploma thesis at the Technical University of Darmstadt  
*Expression analysis of the second domain of human mucus  
proteinase inhibitor as fusion protein in E. coli*  
(Prof. Dr. H.-G. Gassen)

**PhD thesis:** 10/93 - 07/96 German Cancer Research Center (Heidelberg, Germany)  
*High-resolution chromosome mapping for directed ordered  
DNA sequencing*  
(Dr. J. Hoheisel, Prof. Dr. R. Knippers)

**PostDoc:** 07/96 - 10/97 German Cancer Research Center (Heidelberg, Germany)  
*High-throughput physical mapping and DNA hybridisation  
technology development*

- Job:**
- 10/97 - 03/98 LION Bioscience AG (Heidelberg, Germany)  
*Director Automation and Mapping*
  - 03/98 - 12/99 *Vice President Technologies*
  - 01/00 - 04/01 Febit GmbH (Mannheim, Germany)  
*Vice President Biochip Development*
  - 05/01 - 05/02 Sciconis GmbH (Heidelberg, Germany)  
*Founder and Chief Executive Officer*
  - 07/02 - today Schott Nexterion AG (Mainz, Germany)  
*Director Business Development*

- Qualifications:**
- Science/Technology: in-depth knowledge of (bio)chemistry, numerous molecular biological and biotechnological methods, high-throughput, automation, integrated robotic system development, process analysis, simulation, LIMS, miniaturisation, biochip technology/applications, micro-technology, bioinformatics, knowledge management
  - Management: company foundation and full company responsibility, budget responsibility (MEUR 1.5), department management (20 people), strategic planning, business administration, business development, project management, quality management
  - Communication: steering committee member for internal and external projects and business operations, team building, business and scientific co-operations, presentations to board and international audiences, public relations, marketing, sales

- Languages:**
- German - native language
  - English - fluently, strong negotiation experience
  - Latin - A-level
  - French - basics

- Extra Training:**
- Project management (McKinsey)
  - General management (McKinsey)
  - Communication (various)
  - Leadership training (SCHOTT Glas)

- Interest:**
- job: life sciences, new business development, strategy
  - private: mountain biking/running, guitar/singing/song-writing

- Character:**
- dynamic, determined, systematic, responsible, creative

**Academic and Professional Experience**

<b>Basic scientific knowledge</b>	<b>5 years</b>	<b>University</b>
<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Chemical engineering</li> <li>• Biochemistry</li> <li>• Biophysics</li> <li>• Molecular genetics and diagnostics</li> </ul>		<ul style="list-style-type: none"> <li>• TU Darmstadt</li> </ul>
<b>Laboratory experience</b>	<b>4 years</b>	<b>University, research centres</b>
<ul style="list-style-type: none"> <li>• Protein chemistry: purification, folding, characterisation, activity testing</li> <li>• DNA technologies: recombinant cloning techniques, isolation of chromosomes, physical mapping, sequencing, expression profiling + many standard methods</li> <li>• Molec. biolog.: bacterial/yeast cell culture</li> </ul>		<ul style="list-style-type: none"> <li>• TU Darmstadt</li> <li>• DKFZ Heidelberg</li> <li>• + Inst. Pasteur/Paris</li> <li>+ ICRF/London</li> <li>+ MPI/Berlin</li> </ul>
<b>Technological experience</b>	<b>7 years</b>	<b>Biotech start-up companies</b>
<ul style="list-style-type: none"> <li>• Lab automation: QM, process analysis, LIMS software development, robotics, ultra-high-throughput scheduling etc.</li> <li>• Biochips: micro-array and -chip development, organic surface chemistry, DNA and gene synthesis, DNA hybridisation, detection methods</li> <li>• Bio-informatics: software development, genome mapping, sequence analysis, expression profiling etc.</li> <li>• Knowledge management: semantic web technologies, data mining, intranet etc.</li> <li>• Animated process simulation: analysis, programming, simulation design, optimisation of lab business processes</li> <li>• Drug development: in-depth understanding of the entire pharmaceutical drug development process chain</li> <li>• Toxicology and drug safety</li> </ul>	<b>(7 years)</b>	<ul style="list-style-type: none"> <li>• Lion bioscience AG</li> <li>• Febit AG</li> <li>• Sciconis GmbH</li> <li>• Schott Nexterion AG</li> </ul> <p>+ financial investments in: Nimblegen Systems, USA Glycominds, Israel</p> <p>+ acquisition of Quantifoil, Jena, GER</p>
<b>Management experience</b>		
<ul style="list-style-type: none"> <li>• New business development</li> <li>• Business and marketing strategies</li> <li>• Technology scouting, Due diligences</li> <li>• Strategic deal-making, sales process</li> <li>• Negotiations, legal contracts</li> <li>• Team building, leadership</li> <li>• Department responsibility</li> <li>• Financial budgeting, controlling</li> <li>• International project management</li> <li>• Market analyses, marketing</li> <li>• Public relations, presentations to VC, board, public + scientific audiences</li> </ul>		