



**TECHNOLOGIES GmbH**  
(Switzerland)

MCA Technologies GmbH  
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**TECHNOLOGIES GmbH**  
(Switzerland)



**Supporting R&D and Business Development  
in the Life Sciences & Chemical Industries**



## Background

- A limited liability Swiss company, located at Biel-Benken (BL), the outskirts of the world famous city of Basel
- Founded in 2003 as Extension of Medchemadvice, founded in 1989

### Management:

Dr. chem. B. L. Kaul; Former Global Head PTR, Clariant (Sandoz)

Over 70 US patents & 30+ years of experience directing, from conception over scale-up to full-scale production and worldwide registration (marketing) of over 20 chemically new molecular entities (CNMEs)

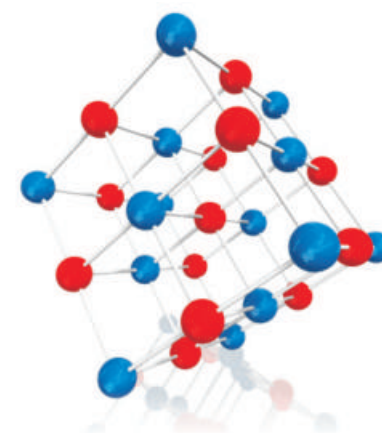
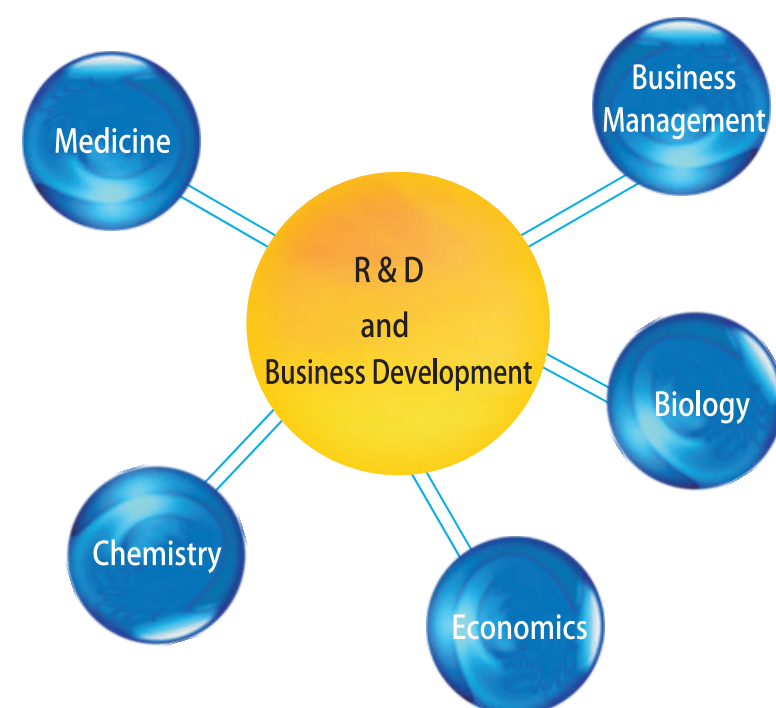
Dr. med. S. Kaul

25+ years of experience as a medical practitioner, and thereafter as an independent consultant for the advancement of knowledge related to health sciences and medicine

## Mission

- Strategic source development, and development and tailoring of novel and advanced technologies for biochemical, chemical / pharmaceutical (APIs) and related products & processes in co-operation with clients, consultants, research institutes and universities world-wide.

## Core Competence



## Areas of Activity

- Captive and contract R&D and manufacturing with own intellectual property
- Products and new product developments
  - Speciality Chemicals
  - Active Pharmaceutical Ingredients & Intermediates
  - Personal Care Ingredients (Cosmetics)
  - Food & pharmaceutical and cosmetics colorants: natural & synthetic
  - Natural health care ingredients and products (Nutraceuticals)
- Strategic sourcing and marketing concepts
- Strategic alliances and co-operation facilitation

## Value Proposition

- Maximal efficiency & flexibility in outsourced R&D projects assured through longestablished global networking with universities, research labs, CROs and analytical companies world-wide
- Scalable cGMP-compliant manufacturing through technology IP and established global partner network
- Highly competitive product prices, assured quality and speedy delivery on selected specialty & functional chemicals and biochemicals & -molecules (APIs) as a result of optimal supply-chain management (pre-sourcing) and joint process improvements and developments coupled with minimal overhead
- Effective Asian distribution and marketing channels for Western products in India, China, Japan and South Korea

## Intellectual Property and R&D

- Four worldwide patent applications (including China & India) filed
- Current R&D projects
  - LCD (Liquid Crystal Display) technologies
  - DE (Digital Expression) technologies
  - Nanoparticle technologies
  - PDT (Photo Dynamic Therapy) technologies
  - **Red/green** (economical & ecological) chemical and biochemical manufacturing technologies

## International Partner Network (Selection)

- Contract R&D (medicinal chemistry, analytical chemistry, drug metabolism and pharmacokinetics, CV safety, CNS Pharmacology, bio analysis, regulatory dossier preparation): India, China, EU
- API & precursors (CNS, protaglandins, anti-aids, oncology, steroids): India, China
- Contract Manufacturing (Speciality & Fine chemicals): India, China, South Korea
- Bionanotechnology and biosensors: United Kingdom
- Intellectual property evaluation & protection: Switzerland
- Logistics and sourcing: China, India, EU
- Marketing & Distribution: Germany, Switzerland, USA, South Korea, India, China, Japan
- Engineering, plant & equipment: Germany
- Support for development of drug delivery systems/formulations: Switzerland
- Analytical labs (Swiss GLP&GMP accredited labs): Switzerland

