



YOUR SOFTGEL
CONTRACT MANUFACTURER



FEEL ENCAPSULATED



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**ENCAPSULATED
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Konstantinos
Zacharopoulos

GENERAL MANAGER / OWNER



Alexandros
Zacharopoulos

GENERAL MANAGER / OWNER

ABOUT OUR COMPANY

YOUR SOFTGEL CONTRACT MANUFACTURER

No matter how manifold or challenging your conceptual formulation may be: our ARCOMPETENCE is in **all areas of softgel capsule production** an essential element for your individual task. ARCO offers a **full service package**. The development, production and packaging of each product take place under GMP conditions in our facility in Herdecke, Germany. This results in an effective project realization with short and flexible lead times.

EXCELLENT PRODUCT REALIZATION

ARCO has been one of the **most innovative companies** in the field of softgel capsule development and production since 1959.

Be it in the development of customer-specific recipes or pure contract manufacturing.

Leading companies in the food supplements and pharmaceuticals industries rely on our ARCOMPETENCE – for us, this is the concept of the **highest standards** in terms of quality, variety and reliability.

What do we mean by **“feel encapsulated”**? Quite simply: We serve customer requests in such way that you feel that you are in good hands in all aspects of the cooperation.

“
„We transmit values“

Georgios Zacharopoulos, ARCO® Founder

PRODUCT
DEVELOPMENT



SOFTGEL
CONTRACT
MANUFACTURING



VALUE
ADDED
PACKAGING



ARCOMPETENCE





DATA & FACTS



1959

Foundation of A.R.C.O. – CHEMIE GmbH
by Arthur Loose and Cornelius Souverein

1961

Take over by the Zirkulin Werke GmbH

1962 - today

Authorization to produce drugs acc. to §1 chapt. 1 Manufacturing of
drugs, dietical products and nutritional supplements

1984

Sale of the Zirkulin Werke GmbH
to the ROHA Arzneimittel GmbH & Co KG
Acquisition of A.R.C.O.® Chemie GmbH by
Dipl.- Chem.-Ing. Georgios Zacharopoulos

1986

WHO-GMP approval

1989

First extension of our plant

1998 – 2000

Further extension of the production plant

2006

Expansion into new international markets

2010

New scope of service implementation (CDMO approach),
presenting ready to market products launch of ARCOMPETENCE

2014

The 2nd generation, Konstantinos and Alexandros Zacharopoulos,
take over the management of the business, thereby ensuring
the continued existence of the independent family-run company

2018

Implementation of track and trace (serialization)
for prescription medications

2022 – 2026

Further capacity expansion (30%) of finished
products and softgel encapsulation



ABOUT ARCO®

OUR VISION

High quality of life in a healthy society.

OUR MISSION

As a family-owned company we regard the responsibility towards our customers, suppliers, employees and our society as a matter of course. As experts for softgel capsules we make complex compositions possible at a modern, high quality production level.



OUR MAIN PRINCIPLES



QUALITY

The realization of our quality and product policy is one important task of the leading managers. "Our General Manager's task."



CUSTOMER'S REQUEST

To fully meet our customer's requirements, individual and short-term, is part of our expectations as a modern company in a fast shifting society.



LOYALTY

We are convinced that the best results can be reached through loyal and long-term partnerships.



RESPONSIBILITY

We feel responsible for our customers and employees. Respect, expectations and mutual assistance are an important part of our company's philosophy.



PUBLIC HEALTH

The responsibility towards our society is not only based in our core business, but we feel obliged to support ideas contributing to the general health.

PRODUCT DEVELOPMENT

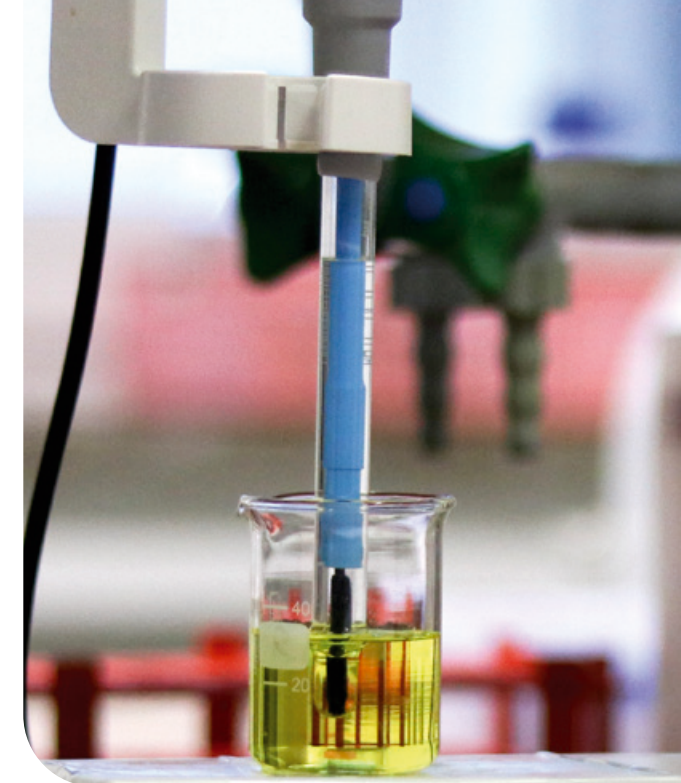
PRODUCT DEVELOPMENT & REALIZATION



Benefit from our many years of experience as a specialist in soft gelatine capsules and in the **development and optimization of formulations**. This formulation development is an essential factor that is decisive for the **quality and attractiveness of a product**. It is very important for us that this results in the greatest possible patient benefit and increased compliance.



Depending on the customer's requirements, we check the feasibility of a formulation, help with finding the recipe and advise on the **selection of raw materials**.



The scaling up and validation of the product formulation and its process development are also part of our range of services, as is the development of sample and registration batches.

Follow-up stability tests for regular renewals of drug approvals as well as **microbiological tests** of the end product are services that we are happy to carry out on request. On request, we also provide accompanying documents, such as master batch records, master files and other documents for approval dossiers.



EXPERTISE & EXPERIENCE FOR YOU

Our long experience on the market can help you to realize your product. It is one of our commitments to offer you the best possibilities for a successful project realization. Complex information about the raw materials we use and our advice about existing and **future market trends** will be at your disposal.

The range of services we offer includes depending on customer's request, all activities necessary for the manufacturing of drugs or supplements.



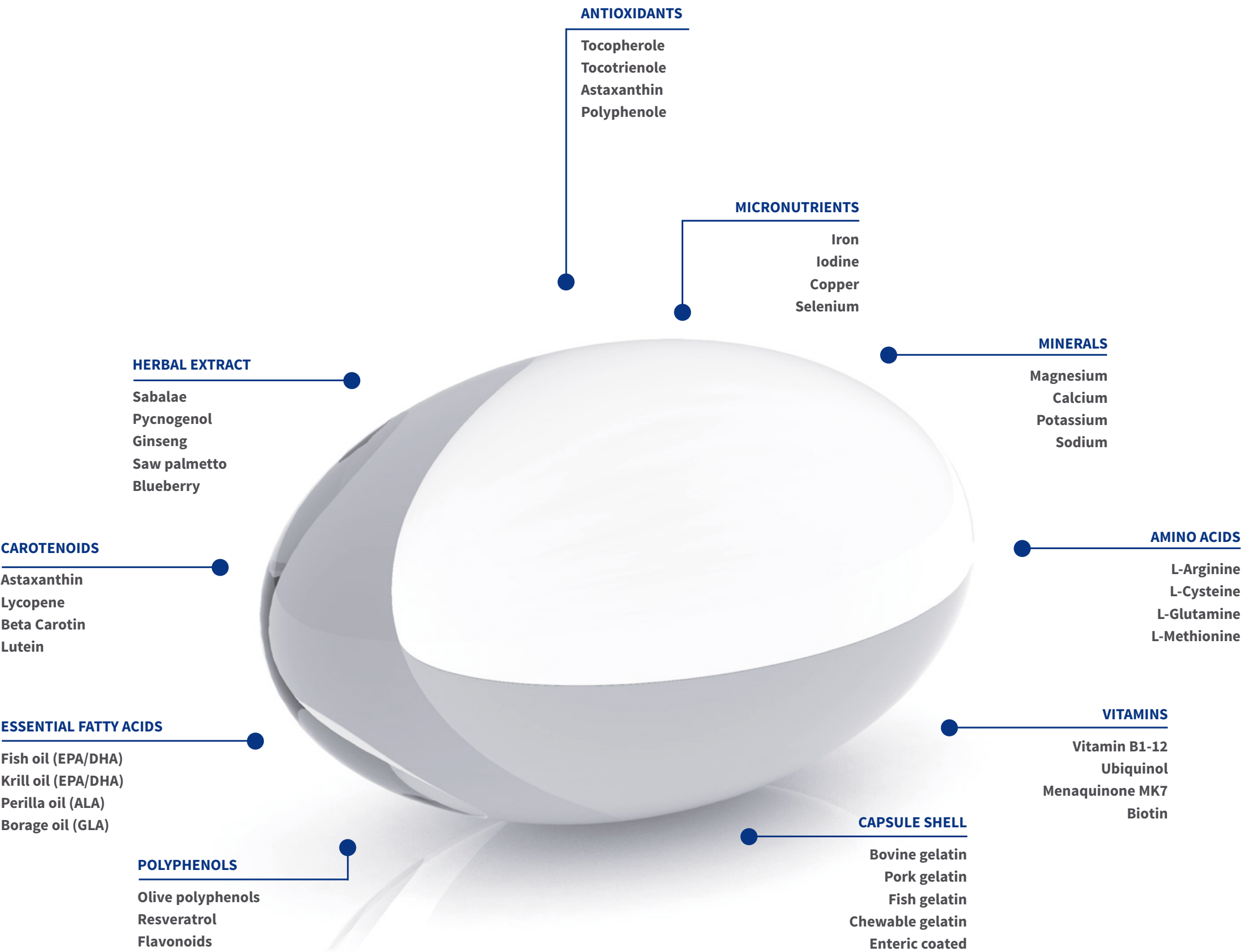
CUSTOMIZED INDIVIDUAL CAPSULE

CREATE YOUR INDIVIDUAL SOLUTION

We have specialized in developing tailor-made product solutions for and with our customers. The own production is made in Germany with the best raw materials on the highest quality level and with certified processes.

We realize your individual capsule according to your needs and the requests of your target market.

The development process in all planning and production stages is accompanied by our know-how. YOUR ENCAPSULATED CARE.



In addition to the ingredients listed here, there are many more. We will create the optimal composition for you according to your preferences.

SOFTGEL CONTRACT MANUFACTURING



No matter how manifold or challenging your conceptual formulation may be: our ARCOMPETENCE is in **all areas of softgel capsule production** an essential element for your individual task.

ARCO offers a **full service package**. The development, production and packaging of each product take place under GMP conditions in our facility in Herdecke, Germany. This results in an effective project realization with short and flexible lead times.



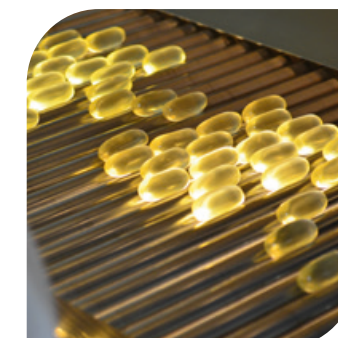
GALENIC DEVELOPMENT

As an **expert for softgel capsules** we profit from our long experience in the development of formulations always seeking to optimize them. The development of the galenic formulation is a decisive fact for the **quality and attractiveness of a product**. The resulting benefit for the patient and the enhanced compliance is here a main concern for us.

We **check the realization of a formulation for the customer**, help him to find the right formulation and advise him on the selection of the raw materials. We also offer the scaling up and validation of the formulation and its process development. The development of **trial and registration batches** is also part of our service.

Follow-up stability testing for the regular renewal of drug approval as well as microbiological analysis of the finished product are offered upon customer's request.

Manufacturing documents Master Batch Records, "Master Files" and others are at our customer's disposal.



DISTRIBUTABLE PRODUCT

We offer a full service package. The development, production and packaging of each product take place under GMP conditions in our facility in Herdecke, Germany. This results in an effective project realization with short and flexible lead times.

Our fully-automatic packaging lines allow the sealing and confectioning of the capsules to be ready for sale. Different tools are available and permit to choose the right blister size or number of capsules per blister. The filling into DUMA tins or glass bottles with labeling is as well possible.

A range of final product composition ready for sale is on request available. These product formulations, developed by ARCO, enable a rapid, cost-effective and successful market launch.



VALUE ADDED PACKAGING

OUR KNOW-HOW. YOUR ADDED VALUE.



Your company. Your values. Your products ... You invest a lot of time, energy and resources into the development and manufacture of exceptional products. Your expertise should be experienced and known to your customers.

Especially in times of increasing copies and plagiarisms, the **protection of original products** is becoming more and more important. We at ARCO are in the business of protecting your elementary values and uniqueness of your products. With this in mind, we now offer additional VALUE ADDED PACKAGING to all our capsule and manufacturing processes.

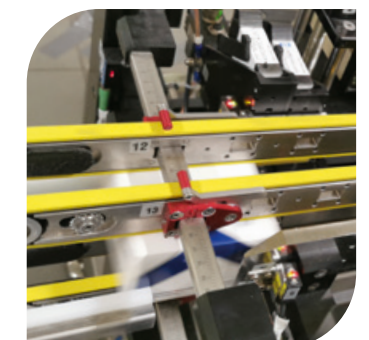
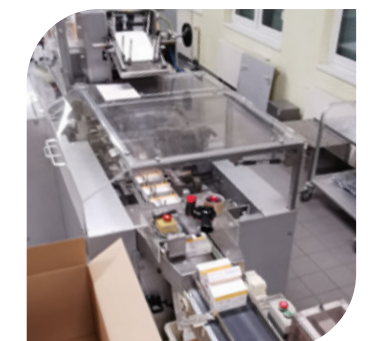
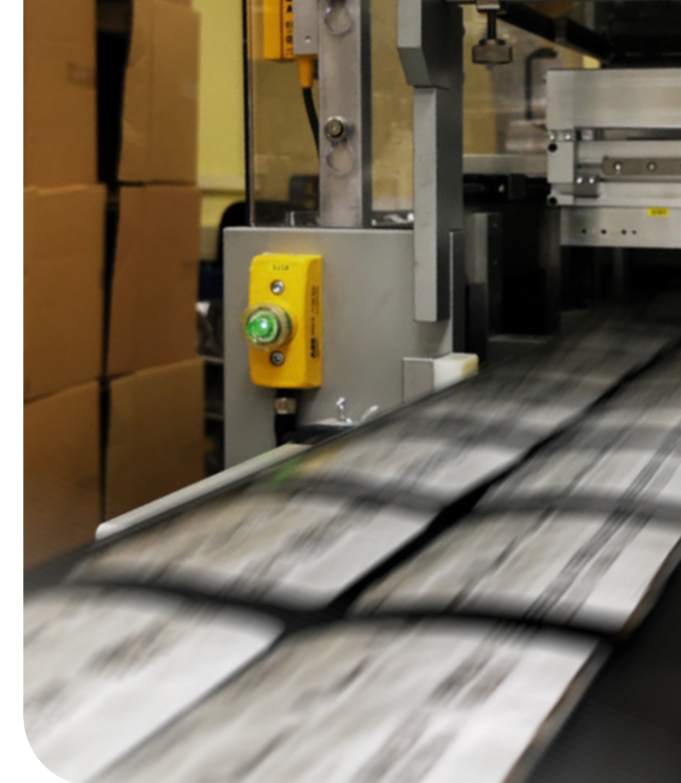


SERIALIZATION // TRACK & TRACE

Naturally, **SERIALIZATION** is an absolute must when it comes to prescription medication. It ensures the uniqueness of individual packaging. This not only guarantees product safety, but also traceability at all stages of production and distribution. This integrated digital marking is part of ARCO production lines and our concept ARCOMPETENCE.

Our idea: to extend this process to the dietary supplementation industry and to use it sensibly. Your benefit: New possibilities and added value. You also decide whether to use the label for product information, digital add-on information or **TRACK & TRACE**.

One thing is certain: **your packaging can offer more than you think!**



OUR COMPETENCE // YOUR BENEFITS

Manufacturing competence from a single source:
from product development, capsule production to packaging
in various designs

Individual versions of VALUE ADDED PACKAGING

Customer and product-specific advice,
sample & sample preparation

Certified quality management, own testing laboratory

Made in Germany. Since 1957 in Herdecke / Ruhr,
North Rhine-Westphalia

Family owned company



TAMPER EVIDENT LABEL

This type of labelling is a proven classic means in sealing original packaging. ARCO offers you a selection of different label materials with varying properties: Permanently adhesive, with tear perforation, VOID adhesive surface, destructive when tearing, etc.

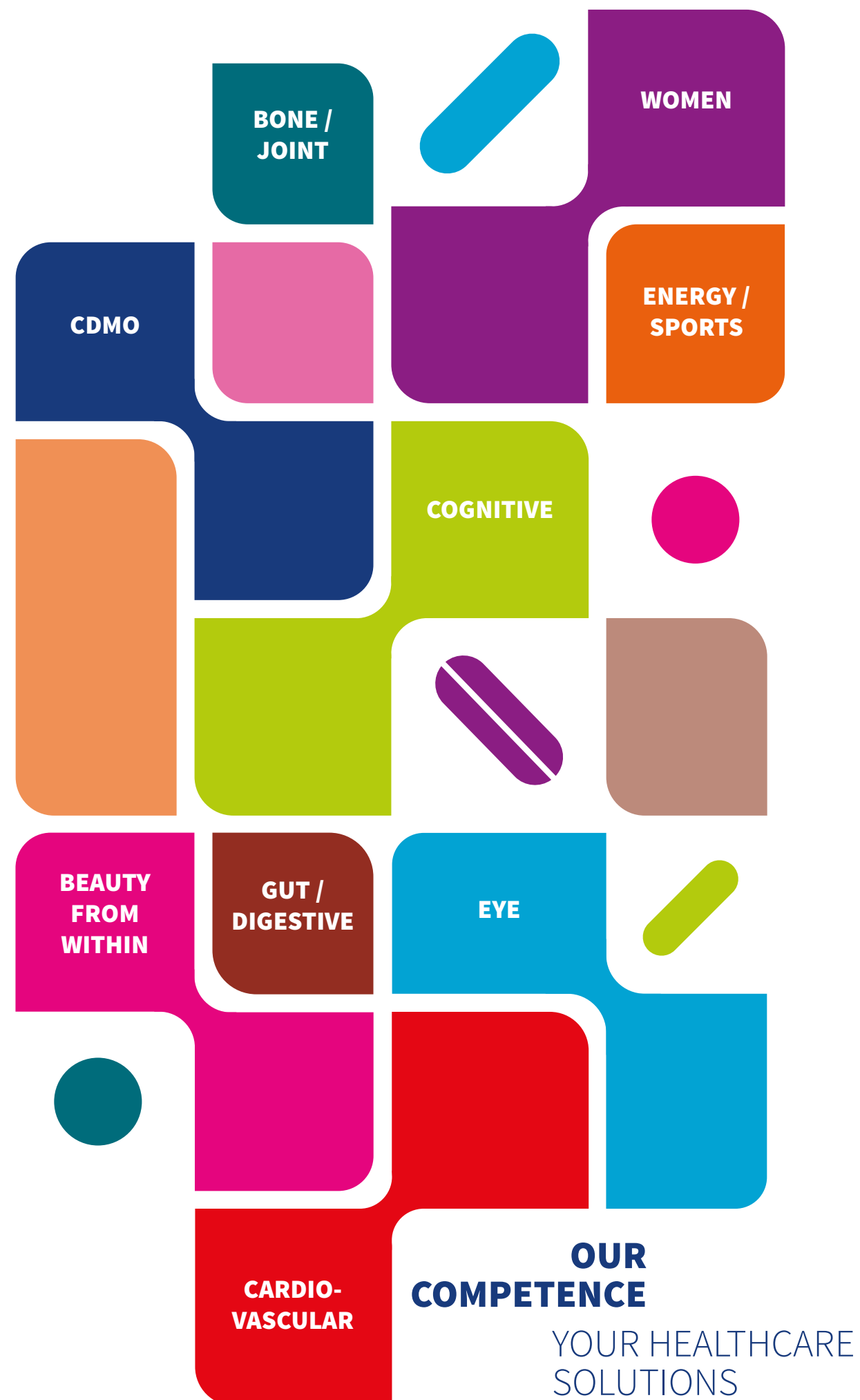
From the standard version to your **individual label** with the colours and shapes of your corporate > (almost) **everything is possible.**

We will happily advise you!

AVOIDING COUNTERFEIT AND FOOD FRAUD

With all these measures, we are pursuing one goal: the prevention of product counterfeiting and imitation. It is clear to the consumer that he will receive an original product. With our VALUE ADDED PACKAGING methods you can **protect your products** and generate **noticeable added value** and **benefits.**

All methods you use to protect yourself against piracy and counterfeiting, provide you with a measurable competitive advantage. VALUE ADDED PACKAGING supports you and your brand name product in **successfully positioning yourself** in your sales markets.



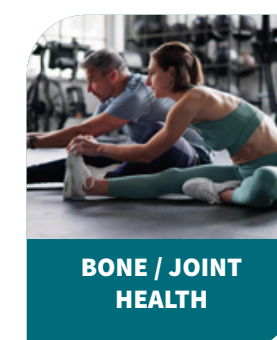
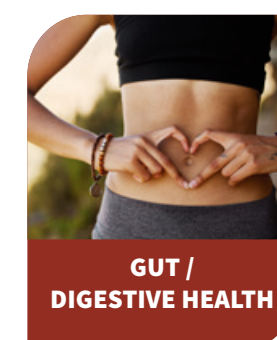
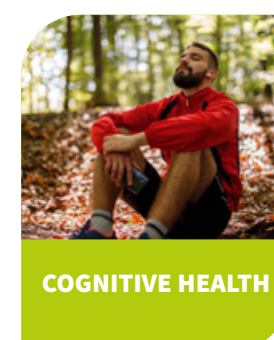
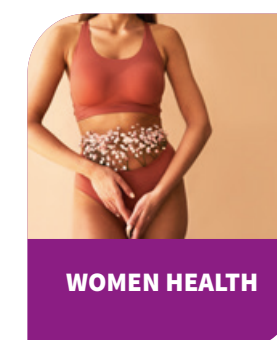
ARCOMPETENCE

This brochure provides an overview of the range of services offered by ARCOMPETENCE.

We offer a wide variety of options, from standard formulations to special compositions with selected active ingredients, combined with the highest quality standards in manufacturing. This guarantees ideal product solutions for all areas of application for active and discerning people of all ages.

EXCELLENCE IN PRODUCT DEVELOPMENT & QUALITY ENGINEERING.

No matter how manifold or challenging your conceptual formulation may be:
Our ARCOMPETENCE is in all areas of soft-gel capsule production an essential element for your individual task.



ENCAPSULATED CARE



ARCO clients are worldwide and therefore our produced softgels can be found all over the world.

Our **full service supply chain** and **after sales support** know the needs of our branch.

As an expert for softgel capsules, we profit from a long experience in the development of formulations and new products. The resulting **benefit for a customer** and the **patient with an enhanced compliance** is a main concern for us.



ARCO assists you from your idea of the project up to the finished product ready for sale with the commitment to provide high quality, flexibility, loyalty and responsibility.





FEEL INVITED!*

* TO GET IN CONTACT WITH US.



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