

**OVER 25 YEARS OF
CONTINUOUS PROGRESS**



NOTABLE PERFORMANCE IN A PARTICULAR INDUSTRIAL FIELD

MEDITOP Pharmaceutical Ltd. is a trusted Hungarian pharmaceutical company. Now, after a quarter of a century from the foundation, the company is one of the medium sized market participants on the pharma field having already a wide partnership network in Europe and Asia. With extended industrial and research partnerships, MEDITOP is an innovative and constantly developing firm, producing prescription and non-prescription medications.

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We have more than twenty five years of experience with the development, production and marketing of pharmaceuticals and also food supplements. Our researcher team is continually looking for new application opportunities and developing brand new solutions for well-known technological and medication problems.



DEAR PARTNERS AND FUTURE PARTNERS!


Our expertise drives us through even the most difficult challenges, and this experience is the most powerful and important resource we have. We offer our partners manufacturing with exceptional quality, flexibility, innovation, and research capacity.

MEDITOP is one of the medium sized pharmaceutical firms in Hungary, but our values and the philosophy we work by makes us the best partner among the most dynamic and unique ones.

In this short brochure we would like to give You a glance on our production, innovation potential and most valued products.

We hope that You'll find it meaningful and we are looking forward the future collaborations!


Kind Regards,



Dr. Zoltán Ács
General Manager



Dr. Dávid Greskovits
General Manager



As the managing board of MEDITOP Pharmaceutical Ltd. we would like to introduce ourselves as an innovative and constantly evolving flexible pharmaceutical company from Hungary.

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“With flexibility, expertise and an innovative way of thinking we are constantly looking for new opportunities.”

THE HISTORY OF OUR DEVELOPMENT

2021



The most intense international expansion in the company's history – over 100 registrations in more than 10 different countries

Acquisition of brand-new state-of-the-art equipment for around 6 million euros



2020

2014



Construction of a new plant and office complex – that tripled the production area

Establishment of Vietnamese representative office



2011

2007



First international registration (Tolperison, Germany)

Launch of Nasopax nasal spray, the first supergeneric pharmaceutical product of the company



2002

1998



First self-developed product, registration of Memoril 800 mg and Memoril 1200 mg film-coated tablets

First international partner (Novartis)



1996

1995



Registration of the first products (Mycosid, Betacid, Optacid, Hyperol)

Obtaining the license for pharmaceutical manufacturing



1995

1995



1st of January 1995 – Establishment of MEDITOP Pharmaceutical Ltd. and its own research and development center for the production of solid phase pharmaceuticals

OUR VALUES

We believe that our strengths are dedication, diligence and hard work. Based on them we build a flourishing company for health and better living conditions.



INNOVATION

Innovation is not a goal is a way of work. Our products, the whole production line and research and development division show exceptional results in a rapidly changing industrial field.



QUALITY

As a market participant in drug manufacturing, our company has to meet the strictest requirements. Beside the expected we are enthusiastic to do more and that is our special competitive advantage.



EXPERTISE

Decades of experience, world-class manufacturing processes and continuous improvements make MEDITOP Pharmaceutical Ltd. a relevant and reliable partner in drug development.



RELIABILITY

Not just a partner in business. We are focusing on the continuous and safe drug supply for patients with special conditions.

OUR COMPREHENSIVE SERVICES

Comprehensive services as a pharmaceutical solution provider

We at MEDITOP strive to provide the best pharma products with an appropriate price value ratio. Our professionals are experts of their fields; thus, we are able to offer a comprehensive solution from development to the production through the regulatory process.

Our company is innovative in the field of generic drug production: we are always searching the manufacturing processes to solve any problems that occur, we look for the best quality active ingredients to produce an effective medication. That means sometimes finding a new area of use for a medication, developing a new combination of drugs, new technological solutions or a brand-new drug based on clinical research and tests. We work closely together with clinics, universities and research departments all around the country and the company also has an extensive network with many industrial partners.

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Your choice for quality **all over the world**

WE CREATE CONNECTIONS

Selectchemie AG offers services to ensure the complete long-term provision of raw materials for the pharmaceutical and food industries in all the countries in which we operate.

WE **LINK**
YOUR NEEDS
WITH OUR
KNOW-HOW



Selectchemie AG
Etzelstrasse 42
P.O. Box 772
CH-8038 Zürich
+41 44 487 96 11
info@selectchemie.com
www.selectchemie.com

CONTINUOUS SUCCESS IN RESEARCH & DEVELOPMENT

As the results of the development work, we currently have 30 independent, self-developed registered preparations and many other are under registration.

Besides our own developments, MEDITOP works on a significant number of technology transfers for the purpose of contract manufacturing. Thus, we adapt existing production technologies in accordance with MEDITOP's production conditions.

We also make important technological changes, for example the conversion of organic solvent technologies to water-based processes, the replacement of granulation technologies by direct compression processes, the formation of film coatings or conversion of sugar coatings to film coatings. The number of our technology transfers carried out exceeds 40.



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MOLAR CHEMICALS KFT

Molar Chemicals Ltd. was founded in 1993, nowadays the company plays significant role in the production and distribution of wide selection of pharmaceutical raw materials, laboratory chemicals, disinfectants and chemical products on the Hungarian market.

We strive to find the best solution flexibly adapting to the needs of our customers. Our goal is to improve our position on the international market by offering our professional knowledge together with high quality products, standards and reliable services to our partners.

Please visit our website www.molar.hu and contact us in case of any inquiry.



QUICK RESPONSE TO NEW CHALLENGES

In 2020 new challenges have risen, all of us had to overcome some difficulties. This new situation also brought new opportunities.

Recently MEDITOP have been involved in the development of anti-COVID-19 formulations. We have developed a favipiravir capsule for the clinical trial and a film-coated tablet also for the treatment of the disease. We are currently developing more generic formulations for the disease with the active ingredients of hydroxychloroquine and ivermectin. In order to prevent people from the virus and several illnesses, our company developed a film-coated tablet containing combined vitamins and minerals.

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ELSŐ A TECHNOLÓGIÁBAN

RAPIDO Kft.
Export-Import

Cégünk fő profilja gyógyszeripari gépek, gépsorok és kiegészítő berendezések külföldi gyártóinak magyarországi képviselete. Emellett kórházak és magánlaborok reagens, labor diagnosztikai eszköz és berendezési igényeit is igyekszünk a legmagasabb elvárásoknak megfelelően kielégíteni.

RAPIDO KFT.

Cím: 1122 Budapest, Városmajor út 82.
Telefon: +36209428539
E-mail: borbelyrapido@t-online.hu
Honlap: <https://rapidokft.hu/>



OUR FLAGSHIP PRODUCTS



LEVIL
active substance: levetiracetam



MEMORIL
active substance: piracetam



MIDERIZONE
active substance: tolperisone



PRENUDOL
active substance: pregabalin



MIDANXIL
active substance: midazolam

Excellent Excipient Premixes.
Tailor-made and ready-to-use.

Film coating

Tabletting

Colouring

EARLY SUCCESSES IN R&D

The company's independent research and development department was established in 1995 to develop generic and super-generic products with significant market potential, and also to solve technological and formulation challenges.

Memoril film-coated tablets, containing 800 and 1200 mg Piracetam, were registered in 1998, and were the first self developed formulation of the company.

The first contract-developed formulation of Citrocalcium 200 mg tablets used to treat calcium deficiency was registered in 2000.

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The first self-developed supergeneric preparation, Nasopax nasal spray, which contains a fixed combination of the active substances oxymetazoline and bromhexine, was launched in 2003 based on research carried out jointly with SOTE II. Children's clinic.

The first export formulations, Miderizone 50 mg and Miderizone 150 mg film-coated tablets containing the active ingredient tolperisone, have been supplied to several German companies since 2008.



CONTINUOUS INVESTMENTS IN THE FIELD OF R+D

The first renovation of the research and development department took place in 2007, when, in addition to the technology development department, an independent analytical laboratory was established. For the laboratory development, all the equipment (granulation, drying and coating) were manufactured by ProCepT with the same functionality as the machines used in our plant. Later, an instrumented rotary tableting machine and a semi-industrial screening and mixing equipment were purchased, which, as a result of the current renovation process, will be installed in in our brand new R&D laboratory with an independent environment suitable for clinical production.



For 18 years, our printing house has been one of the outstanding and decisive players in the Hungarian printing service market. Our plant is immensely modern, the circle of owners is determined to implement continuous improvements and this thinking can be clearly felt in the development of the printing house. Our customers turn to us with satisfaction and we can reach new customers and expand our markets with our competitive prices.

We have significant experience in the production of:

- pharmaceutical package leaflets (cut, folded, multifold booklet with 6-13 folds, with glue dot and etiquette label closure),
- boxes with special surface finishing (carton, corrugated cardboard),
- blisters,
- self-adhesives,
- stapled products,
- glued brochures.

Our control capacities are provided by sheet-fed offset machines in size B1 (Heidelberg), HP INDIGO and SCREEN digital label production machines, as well as finishing-service units following the printing machines.

Our plant of seven folding machines and our folding and service portfolio are unique due to the coverage of the technology.

Our partners include the most innovative companies that are constantly focusing on innovations.



Róbert Gellér
managing director
+36 70 318 1251
geller.robert@gelberteco.hu

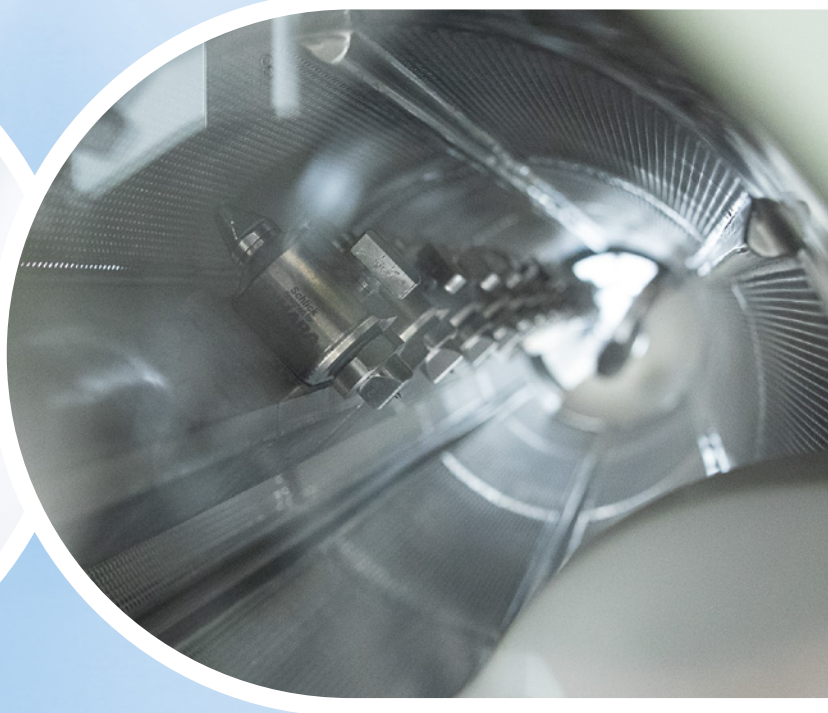
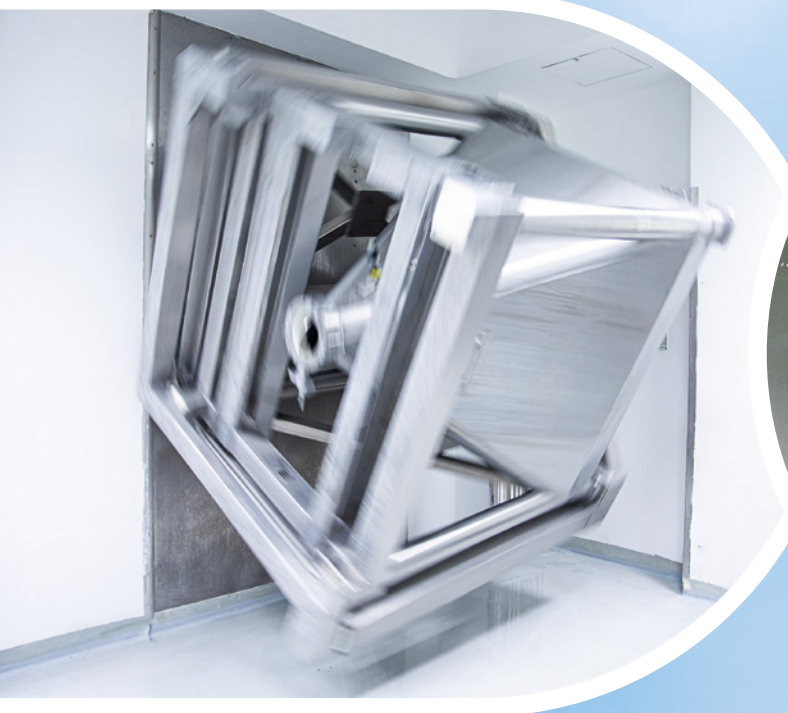
Viktor Iván Fekete
sales director
+36 70 334 2745
fekete.viktor@gelberteco.hu

www.gelberteco.hu

R&D – IMPLEMENTED TECHNOLOGIES

» Granulation	430 t annually
» Wet granulation	
» Dry granulation	
» Pelleting (by coating process)	
» Pellet coating	
» Homogenising	Max. batch size: up to 720 kg
» Tableting (also 2 layered)	Up to 1,3 Billion pcs annually
» Film-coating (tablets)	
» Intermittent	Max. batch size: 250 kg
» Continuous	Batch size: 6-∞ kg
» Capsule filling (hard shell capsules)	Up to 170 Million pcs annually
» Sachet filling	Up to 28 Million pcs annually
» Powder filling (into containers)	Up to 500 000 boxes annually
» Tablet counting (into containers)	Up to 6 million boxes annually
» Blistering/ Cartooning	Up to 25 Million boxes annually

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IMPLEMENTING THE MOST INVENTIVE STATE-OF-THE-ART TECHNOLOGIES

Granulation with closed production line

Our company is currently using the latest Romaco Innojet high share granulation–fluidization dryer production line engineered by Herbert Hüttlin. The advantages of this manufacturing system are the following:

- » reduces the labour required for production through pneumatic / gravity material transfer between equipment,
- » improves drying efficiency and reproducibility by introducing a wet granulation step,
- » the fluidization equipment can also be operated with a special spray head, which allows the application of fluidization granulation and coating technology,
- » fluidization coating technology also enables the production of new dosage forms, layered pellets and modified release (retard or enteric) formulations.



THE PHARMACEUTICAL INDUSTRY SOLUTION FACTORY



WWW.MELAPACK.COM

INFO@MELAPACK.COM

ONE FOR ALL

We have only one Earth and its fate is in our hands. MEDITOP Pharmaceutical Ltd. pays special attention to environmental protection. Using eco-friendly technologies, reducing industrial waste and handling all our resources carefully, we maintain a low carbon footprint in the sector.

Since our main focus is on healthcare with the products made in the factory, people's lives and their living environment is just as important. Pilisborosjenő is an exceptional location with appealing surroundings. It is also our job to preserve its treasures.

The fact, that MEDITOP Pharmaceutical Ltd. was the first pharmaceutical company in Hungary which implemented ISO 9001 and ISO 14001 standards at the same time shows our dedication to the environment and outstanding quality.

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phv
PHARMAVALID kft

*Measure what is measurable,
and make measurable what is not so.*

Testing of sterile (HEPA, ULPA) filters. Cleanroom measurements, (air particle contamination, decontamination time, air flow testing, leak test, etc.) Heat and humidity mapping in warehouses, thermostats, vans, etc. Calculation of Mean Kinetic Temperatures. Validation of sterilization processes (steam, dry heat, ETO) and equipments. Validation of lyophilization processes, equipments. Testing of medical devices according to ISO standards. Component purity test for automotive and microelectronic manufacturers. Calibration of measurement devices.

1039 Budapest, Attila u. 38. | Phone: +36 (1) 368 96 22, 453 07 41, 453 07 42 | Fax: +36 (1) 368 96 22 | E-mail: pharmavalid@t-online.hu

ALL FOR ONE

We built a business on partnership, reliability and diligence. We are constantly looking for partners with the same vision, not just to work with but to develop each other by different activities.

People: Our partner in CSR activities is Hungarian Interchurch Aid. With the help of the organization our goal is to reach people in need and help them with the best tools what they need.

Sport: Playing a game is just sweat and hard work without great company. We believe in teamwork, thus MEDITOP Pharmaceutical Ltd. founded challenge cup for women handball teams in Carpathian Basin.

Education: our competitiveness depends on the well educated professionals. That is the reason why we consider education important. Our company founded an educational prize for young research pharmacists in Hungary.



phv
PHARMAVALID kft

- MICROBIOLOGICAL EXAMINATION OF NON-STERILE PRODUCTS
- STERILITY TESTS
- HYGENIC SAMPLING FROM EXTERNAL SITES (MONITORING)
- BACTERIAL ENDOTOXIN TESTS
- TESTING OF SUB-VISIBLE PARTICLES BY LIGHT OBSCURATION PARTICLE COUNT METHOD
- TOC CONCENTRATION DETERMINATION
- BACTERIA IDENTIFICATION, STRAIN STORAGE IN CRYOBANKS
- LEGIONELLA TESTS
- MEDIAFILL INCUBATION
- EXAMINATION OF DIFFERENT TYPE OF WATER (PW, WFI)
- MICROBIOLOGICAL TEST OF MEDICAL DEVICES

*Measure what is measurable,
and make measurable what is not so.*

ALL TESTS ARE PERFORMED ACCORDING TO ISO STANDARDS AND GMP GUIDELINES

QUALITY IS IN THE FOCUS

Pharmaceutical industry is a special field for regulatory. Since we are working with medicines, exceptional quality is the baseline for our production.

The developments are driven by industrial expectations: our company is seeking state-of-the-art technologies and new application opportunities. Our guideline is the constant improvement – in all respects.

MEDITOP Pharmaceutical Ltd. highlights individual and collective development with trainings, education and curiosity.

Our market position depends on how flexible, fast and efficient we could be. Besides our profession is to support healing. With innovative pharmaceutical solutions we aim to serve our partners.

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OUR SELECTED CONTRACTED PARTNERS

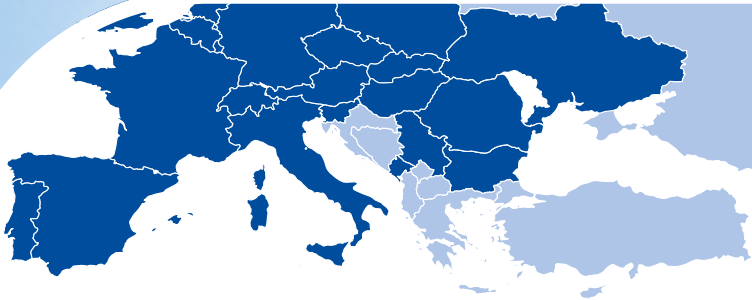
International



Domestic



MARKETS FOR MEDITOP



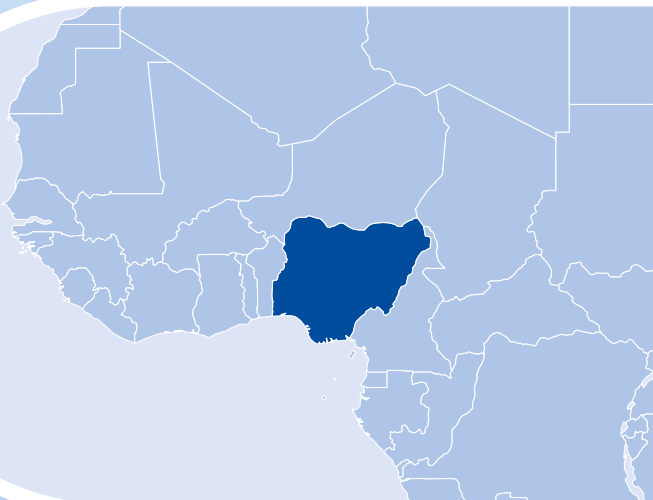
In Europe

- » Hungary
- » Austria
- » Belgium
- » Bulgaria
- » Germany
- » Luxemburg
- » Montenegro
- » Netherlands
- » Poland
- » Romania
- » Serbia
- » Slovakia
- » Slovenia
- » Ukraine
- » United Kingdom
- » Spain
- » Portugal
- » Italy
- » Switzerland
- » France
- » Czech Republik



In Asia

- » Azerbaijan
- » Georgia
- » Israel
- » Jordan
- » Kuwait
- » Oman
- » Singapore
- » United Arab Emirates
- » Uzbekistan
- » Vietnam



In Africa

- » Nigeria

**SOLUTIONS DRIVEN
BY INSPIRATION**

■■■■
Elmatec Zrt.

**Market leader in supplying
pharmaceutical and cosmetic
solutions.
Clean rooms, single machines
and complete lines**

Present in the Hungarian market for over 40 years, Elmatec Zrt boasts the collaboration with the best and most innovative European companies for machines and equipment for pharma and beauty industry. Over the years has built deep knowledge for the best cost-effective but high result solutions in terms of innovation and technology for its valued partners. New developments and partnerships increased the portfolio in supplying even more complete solutions. From sterilization, washing and drying to pharma inspection. Suitable also for laboratory scale.



Machines/Lines
Powder/Solids/Liquids/Beauty



Clean Rooms



Formats, After Sales &
Spare Parts



Service Assistance
Installation and service

1142 Budapest, Savanyúkút utca 3. | +36 1 222 0016 | info@elmatec.hu | www.elmatec.hu

**OVER 25 YEARS OF
CONTINUOUS PROGRESS**



MEDITOP Pharmaceutical Ltd.

2097 Pilisborosjenő,
Ady Endre utca 1. – Hungary

Phone: +36 26 336 400

Fax: +36 26 336 041

E-mail: info@meditop.hu

Web: www.meditop.hu

