

N-Gene Research Laboratories, Inc

- Headquartered in the US, operates through a wholly owned subsidiary in Hungary
- Develops small molecules
 - To treat insulin resistance syndrome
 - Improve cancer chemotherapy
 - Prevent skin cancer and skin aging
 - GI motility disorders
- Lead molecule completed phase II. clinical trial attracted significant amount of venture capital

BIOPOLISZ

Innovation Services Ltd.

Our services:

IP and technology law consultancy

Subsidy consultancy

Prior art research

Transfer of technology

Matching of partners

IP Training



AVICOR

*the chemical microarray
company*

*Bridge between
Chemistry &
Genomics*

Buisness activities

**Avicor Ltd offers services
& products in the are of:**

Drug discovery

**fast and parallel
hit & target identification**

Proteomics

**druggable marker
identification and selection
comparative druggable
fingerprint analysis**

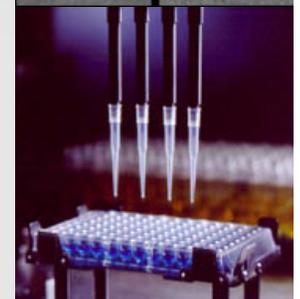
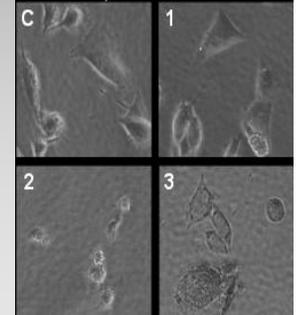
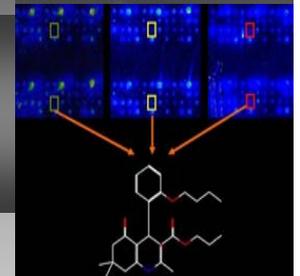
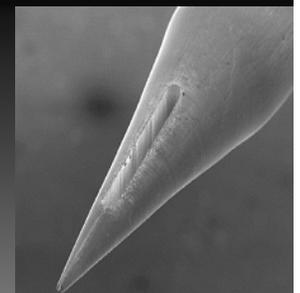
*Unique technology, instrumentation
chemical libraries and know-how
New market possibilities for research
laboratories & for pharmaceutical companies*

Chemical microarrays

patented surface chemistry

**ligand-protein and
ligand library – proteome
interactions**

**-printing from our libraries
-printing from custom libraries
-selection for druggability**



Semmelweis University - Technology Transfer Office

Established: Sept. 2005

Director: dr. Csaba Szabo

Mission: management and commercialization of IP, start of spinoffs

Spin-off companies in the works:

- A novel, ultra-rapid device to test the antibiotics resistance of bacteria on the bedside.
- A novel artificial arm system (biocybernetics).
- A novel NO-releasing dermal cream formulation to prevent diabetic leg ulcers.
- A novel anti-inflammatory anti-gingivitis mouthwash formulation.

CellScreen Applied Research Center (\$10M)

- Combination of cell-based HT-methods and HT-chemistry and lead multiplication approaches.
- Development of high throughput MS methods and devices including DESI.
- Development of an immunogenetics screening kit for Type I diabetes.





Rational Drug Design Laboratories Cooperation Research Center

Molecular Targeted Signal Transduction Therapies

Synthetic Chemistry - Nested Chemical Library TM

Semi-HTRS Biochemical and Biological Screening

Complex Preclinical Pharmacology

Biobank

Molecular Diagnostics for Personalized Medicine



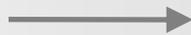
Umbilical blood bank (storage)

1. Individual initiation and financing
2. Initiation by professionals, financed by a foundation
3. Special ethnical populations

Bone marrow transplantation

1. Isolation
2. Gene thera

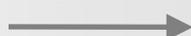
GMP



Islet cells transplantation

1. Isolation
2. Differentiation from stem cell

GMP



Cartilage replacement

1. Isolation and cell culture
2. Differentiation from stem cell

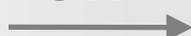
GMP



Cardiovascular regeneration

1. Mesenchymal stem cell
2. Angiogenic stem cell
3. Differentiation from stem cell

GMP



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RESEARCH

[Ujhelly Sarkadi B, Nemet K.](#) Application of a human multidrug transporter (ABCG2) variant as selectable marker in gene transfer to progenitor cells. *Human Gene Therapy.* 2003 Mar 1;14(4):403-12.

SERVICE

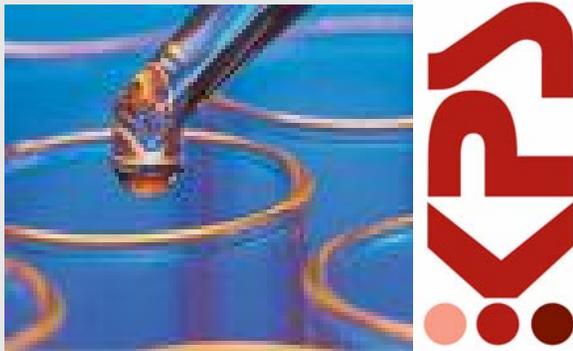
Distribution

- Production – R&D
- Regional
 - Production
 - Distribution





• BIOTECHNOLOGY



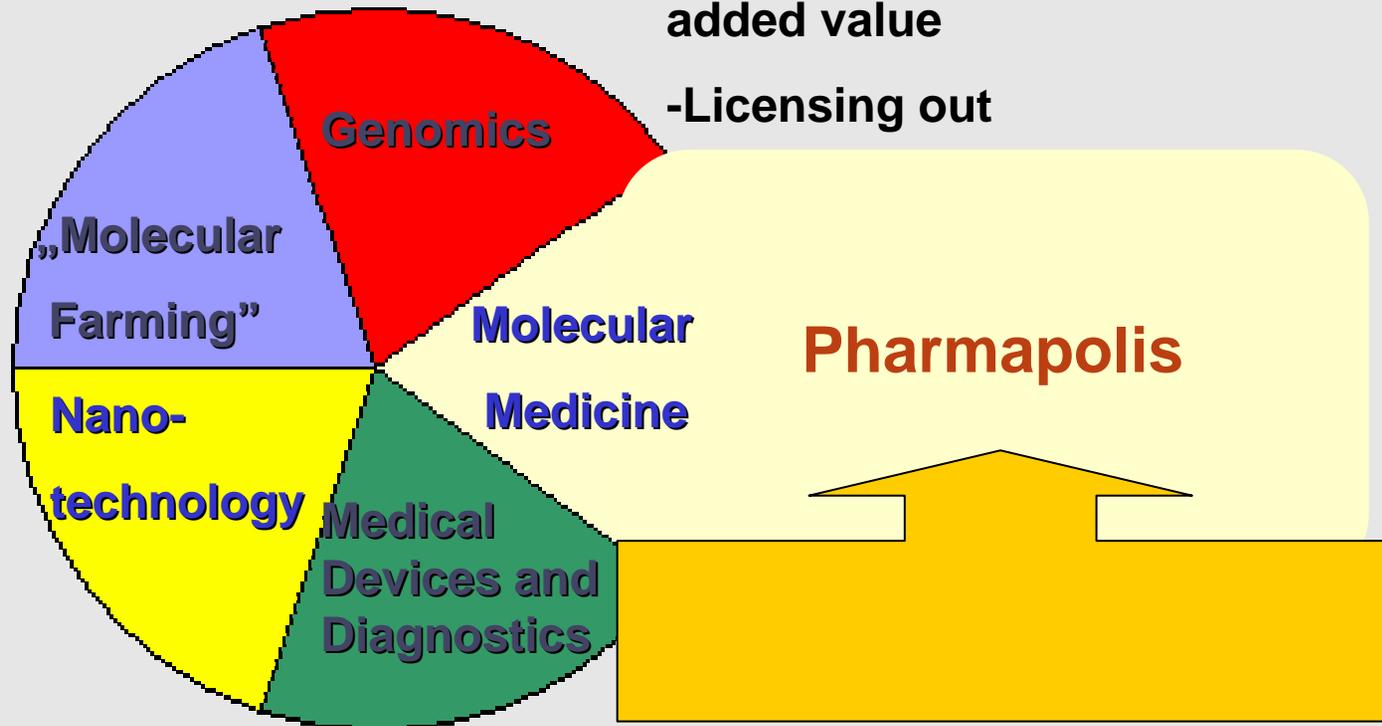
• HEALTHCARE 

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**University of Debrecen Knowledge
Center & Technology Transfer
office**

-Developing drug candidates up to
phase II. with the possibly highest
added value

-Licensing out



bjudit@dote.hu

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Alkaloida/
Sunpharma

TEVA

Keri Pharma/
Actavis



ComGenex

- Largest drug discovery service provider in Central-Europe
- Together with Albany Molecular the largest drug discovery service provider in the world
- Fully integrated with tox, biological and chemistry capabilities
- Collaborative partnerships with largest Pharma in the world
- Excellent equipment/facilities and technical staff
- Customer specific effective solutions based on confined project experience

[Overview](#)



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BIOTECHNOLOGY

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