

9th Intercollegiate Biotechnology Symposium

"Symbioza"

21st – 23rd
May 2021

Friday, May 21st

3:00 PM - 3:15 PM	Opening ceremony
3:15 PM - 4:10 PM	Plenary lecture (Reini Fernandez de Luco)
4:30 PM - 4:50 PM	Industry lecture (Precoptic Co.)
5:00 PM - 6:00 PM	Student oral session #1/Student oral session #2
6:05 PM - 7:00 PM	Plenary lecture (Jan Guzowski)
7:30 PM	Social event

Saturday, May 22nd

10:00 AM - 10:55 AM	Plenary lecture (Łukasz Drewniak)
11:05 AM - 12:05 PM	Student oral session #3/Student oral session #4
12:15 PM - 1:10 PM	Plenary lecture (Andrew Lang)
1:15 PM - 2:15 PM	Lunch break
2:15 PM - 3:15 PM	Poster session #1
3:20 PM - 4:15 PM	Plenary lecture (Felix Mueller-Planitz)
4:25 PM - 5:25 PM	Student oral session #5/Student oral session #6
6:00 PM - 6:45 PM	Workshop (Jan Cools)

Sunday, May 23rd

10:00 AM - 11:00 AM	Student oral session #7/Student oral session #8
11:10 AM - 12:05 PM	Plenary lecture (Anna Bajer)
12:15 PM - 1:15 PM	Poster session #2
1:15 PM - 3:00 PM	Lunch break
3:00 PM - 3:55 PM	Plenary lecture (Philip Tagari)
4:00 PM - 4:30 PM	Closing ceremony



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Keynote lectures

Reini Fernandez de Luco, PhD

Human Genetics Institute, University of Montpellier

More than just a crosstalk, histone marks can be drivers of the changes in splicing observed during the epithelial-to-mesenchymal transition

Friday, May 21st; 3:15 PM - 4:10 PM

Jan Guzowski, PhD

Institute of Physical Chemistry, Polish Academy of Sciences, Poland

3D cell-culture scaffolds generated using microfluidics

Friday, May 21st; 6:05 PM - 7:00 PM

Łukasz Drewniak, PhD

University of Warsaw, Poland

The use of lignocellulosic waste materials for treatment of heavy metal containing wastewaters - discussions on effectiveness and profitability

Saturday, May 22nd; 10:00 AM - 10:55 AM

Andrew Lang, PhD

Memorial University of Newfoundland in St. John's, Canada

Gene transfer agents: bacteria tame phage and put them to work

Saturday, May 22nd; 12:15 PM - 1:10 PM

Felix Mueller Planitz, PhD

Institute of Physiological Chemistry, Faculty of Medicine, TU Dresden

The biogenesis and function of the nucleosome landscape

Saturday, May 22nd; 3:20 PM - 4:15 PM

Anna Bajer, PhD

University of Warsaw, Warsaw, Poland

Summer with mosquitoes and ticks, and then? Babesiosis, borreliosis and dirofilariasis

Sunday, May 23rd; 11:10 AM - 12:05 PM

Philip Tagari, PhD

Vice President of Research (Therapeutic Discovery) at Amgen Inc, USA

Application of Machine Learning/Deep Learning/Artificial Intelligence to Drug Discovery

Sunday, May 23rd; 3:00 PM - 3:55 PM

Workshop

Jan Cools, PhD

KU Leuven; Editor-in-chief of HemaSphere, a new open access hematology journal of the European Hematology Association

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PRECOPTIC®

PRECOPTIC Co. is an engineering company.

They employ not traders but engineers, that graduated from the Faculty of Precision Mechanics of the Warsaw University of Technology specializing in "optical instruments" and graduates of Biology Departments of several national universities.

This gives a unique combination of deep theoretical knowledge with experience in practical work with a microscope.

Thanks to professional service, company became one of the market leaders in the field of optical microscopes.

Precoptic specializes in completing highly advanced sets built according to customer needs on the basis of Nikon microscopes.

In addition, they offer a whole range of microscope accessories.

<http://www.precoptic.pl/>



Supporting life science research since 1988, PeproTech is a privately owned biotechnology company focusing on the development and manufacture of high quality cytokine products for the life-science and cell therapy markets. Over the past 30 years the company has grown into a global enterprise with state-of-the-art manufacturing facilities in the US, and offices around the world.

The mission is to provide the highest quality products that address the needs of today's scientists and researchers, and the Company pride themselves on being a trusted partner within the scientific community. With over 2,000 products PeproTech has developed and refined innovative protocols to ensure quality, reliability and consistency.

Product range includes:

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Their creative staff has extensive professional experience. MPW MED. INSTRUMENTS products are recognized by the market as technologically advanced, reliable and competitively priced.

More information about MPW MED. INSTRUMENTS:

<https://mpw.pl/>

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EURx wants their products to help you achieve your own scientific goals. They implement the mission by focussing on the main area of activity, which is the creation and sale of biotechnological preparations and reagents. They conduct intensive research using both traditional and novel technologies, which allows them to produce the highest quality products.

The satisfaction of company's customers and the quality of their products are the basis of their operation.

<https://eurx.com.pl/glowna/>



The mission of EPRO SCIENCE is to enable clients to enjoy their work and help them find time to pursue their passions. EPRO SCIENCE employees make every effort to make cooperation with the company comfortable, friendly, effective and flexible. EPRO believes this is realistic because their portfolio is filled with research products from the best manufacturers in the life science market.

They are a proud and exclusive representative of BioShop and Neptune in Poland. EPRO SCIENCE partners also include HTL, Cleaver, Corning, IKA, TPP, and Ibidi. All this provides an excellent space for building healthy and productive collaboration with researchers from Poland and abroad.

<https://eprosience.com/>

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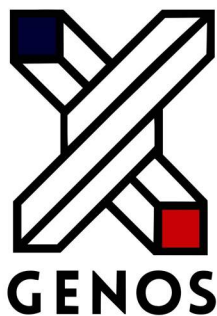
For over 30 years, ABO has been contributing to the positive experiences of their clients by providing reagents and laboratory equipment.

So far, they have cooperated with all important scientific and research institutions and academic centers in the country, helping in the selection of appropriate products, offering favorable conditions for purchase, implementation and after-sales support.

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ABO has a rich and attractive product offer and cooperate with leading manufacturers, which for our clients means comprehensive service both in the field of reagents, consumables and laboratory equipment.

<http://abo.com.pl/>



GENOS s.c. company is a distributor of high quality laboratory media, reagents, culture vessels and equipment with emphasis on tissue culture products, regenerative medicine and molecular biology.

They provide products of following manufacturers:

1. Cell culture media of Biological Industries (www.bioind.com):
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 - classical media, FBS, supplements, antibiotics,
 - cytogenetic products, etc.
2. Tissue culture plastics of TPP (www.tpp.ch):
 - flasks, dishes, plates, bioreactors,
 - serological pipettes, cryotubes, falcons, racks etc.
3. Plastic products of SPL Life Sciences (<http://www.spllifesciences.com>):
 - cell culture products, 3D culture, molecular biology etc.
4. Plastic products of Abdos Life Sciences (<https://www.abdoslifesciences.com>):
 - pipette tips, microtubes, cryovials etc.
5. Many other.

Also GENOS Non-Public Outpatient Clinic and Genetic Laboratory provide specialist tests and counselling in clinical genetics, including prenatal diagnostics, reproduction failure, marital infertility, high risk pregnancy management and genetic prophylactics and diagnostics of predispositions to selected neoplastic diseases.

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In Sygnis Bio Technologies they strive to provide their partners with the most inventive approach to bioengineering. They are a leading provider of scientific equipment on the Polish market, with a strong focus on high resolution live cell imaging and tissue engineering. Company's portfolio combines a multitude of techniques i.e.: 3D bioprinting, biopatterning, live cell and super-resolution imaging.

Sygnis Bio Technologies is the only distributor of CELLINK, 3D bioprinting market leader, for Eastern Europe and bioprinting 3D solutions partner for "Bionic Pancreas" of FBiRN. They are one of a few experts in the field of 3D holotomographic imaging. Company offers cutting edge technology to the scientific world, such as Cellink holographic multiphoton bioprinter - Holograph X.

Sygnis Bio Technologies leads multiple innovative technological and biotechnological projects. Since the very foundation of the company, they have been developing tailored solutions for the customers, using great experience, educational and technical background of its employees and broad market research.

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NEXBIO is a company specializing in molecular solutions for the needs of the agri-food industry. Our mission is to introduce biotechnology to everyday applications: agriculture, crop protection, breeding and food production.

Nexbio is also a research and development laboratory conducive to the development of science and supporting scientific institutions conducting research using molecular methods.

For more information visit www.Nexbio's websites: nexbio.pl or www.sekwencjonowanie.com



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PWN is a modern and open to challenges organisation. PWN's vision is for everyone to be able to learn in the way that suits him or her best. Therefore PWN observes the changing circumstances in science, education and business sectors very closely. The knowledge gained in observations is implemented into their undertakings. PWN wants to develop new business areas constantly, create innovative educational solutions as well as support our customers in the education process and lifelong improvement through our products and services.

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