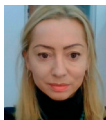


## Symposium AGENDA

| ZIUA 1 Miercuri 08 Iunie 2022 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DAY 1 – Wednesday 8 <sup>th</sup> June, 2022                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30                         | Înregistrare Oaspeți                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Guests Registration                                                                                                                                                         |
| 09:30                         | Deschidere                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Introductory Speech                                                                                                                                                         |
|                               |  <p><b>Cătălin VIȘATA</b><br/>Președintele Consiliului de administrație al ICA Research&amp;Development</p>                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |
|                               |  <p><b>Cătălin ION</b><br/>Prodecanul Facultății de Ingineria Sistemelor Biotehnice</p>                                                                                                                                                                                                                                                                                                                                                                                                     |       |
|                               |  <p><b>Horia CONSTANTINESCU</b><br/>Președinte al Autorității Naționale pentru Protecția Consumatorului</p>                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |
|                               |  <p><b>Cristina Ileana COVALIU-MIERLA</b><br/>Directorul Școlii doctorale Ingineria Sistemelor Biotehnice</p>                                                                                                                                                                                                                                                                                                                                                                             |   |
| 11:00                         | Pauză de cafea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Coffee Break                                                                                                                                                                |
| 11:30                         | <p><b>Mai mult decât laborator - știință.<br/>Mai mult decât știință - succes.</b></p>  <p><b>dr. ing. Alexandru CÎRÎC,</b><br/>Director General, ICA RESEARCH &amp; DEVELOPMENT<br/><i>Food scientist, he shares his 18 years of experience in various branches of the food industry with the students of Universitu Politehnica of Bucharest as a lecturer. In the ICA R&amp;D research team since 2007, he leads it from the position of General Manager for the last 5 years.</i></p> | <p><b>More than laboratory - science.<br/>More than science - success.</b></p>         |
| 12:00                         | <p><b>Soluții rapide pentru detecția patogenilor<br/>alimentari - Gene-UP</b></p>  <p><b>Dr. ing. ARVANITIDIS Vassilis,</b><br/>Food Market &amp; Product Manager BioMerieux - Adriatic Cluster<br/><i>Working on Industrial Microbiology for more than 25 years,<br/>I have been serving the principals and ethics of my current positions<br/>towards public health through different roles.</i></p>                                                                                    | <p><b>Rapid solutions for the detection of food<br/>pathogens - Gene-UP</b></p>        |
| 12:45                         | Pauza de Prânz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lunch Break                                                                                                                                                                 |

13:45

**Gama de echipamente Shimadzu adaptată pentru a face față provocărilor complexe ale securității alimentare**

**Shimadzu's range of equipment adapted to tackle complex challenges of food security**



**Dr. Adrian Arsintescu**

Shimadzu România – Application Specialist

*Researcher with over 25 years of experience in chromatography and mass spectrometry, joined Shimadzu team since 2020*



14:15

**Soluțiile Shimadzu pentru analiza alimentelor**

• O prezentare generală a soluțiilor hardware și software de la Shimadzu pentru analiza pesticidelor și dioxinelor din alimente. Noi tendințe și noi tehnologii în sprijinul analizei alimentelor

**Shimadzu's solutions for food analysis**

• An overview of the hardware and software solutions by Shimadzu for analysis of pesticides and dioxins in food. New trends and new technologies in support of the food analysis



**Dr. ing. Manasi Panov**, Technical Support Specialist

Shimadzu Handelsgesellschaft m.b.H. Korneuburg - Branch Sofia

*Masters degree in Organic Chemistry, worked as a Service and Application specialist with more than 12 years of experience in chromatography and spectroscopy. Currently, promoted to Global Service Development Leader at Shimadzu Corporation in Kyoto, Japan.*



15:00

Pauză de cafea

Coffee Break

15:15

**Reologie alimentară și multe altele  
Un reometru, multe posibilități**

• Proprietățile de curgere, elasticitate și textura  
• Modul în care un reometru poate fi operat pentru a obține informații despre, consistența, senzația în gură și fluxul alimentelor

**Food rheology and more  
One rheometer, many possibilities**

• Flow, elastic and texture properties  
• The way how a rheometer can be operated to obtain information about consistency, mouthfeel and flow of foodstuff



**Mr Philipp Beutler**,

Application Specialist Material Characterization, Thermo Fisher Scientific

*After finishing his master's degree in material science and technology, Philipp Beutler joined Thermo Fisher Scientific as an application specialist for rheology. In this role, he provides both application support for Thermo Scientific rheometers and viscometers and training on applied rheology.*



16:30

**Întrebări și Răspunsuri – ICA și Partenerii**

**Q & A – ICA & Partners**

16:45

**Închidere Ziua 1**



## ZIUA 2 Joi 09 Iunie 2022

## DAY 2 – Thursday 9<sup>th</sup> June, 2022

09:00 Receptie Invitați

Wellcome Coffe

09:30 **Expertiza materiilor prime -  
Un proces necesar?**

**Raw material expertise -  
A necessary process?**



**Dr. Ing. Mihaela Begea**

Director Științific, ICA RESEARCH & DEVELOPMENT

Associate professor at the Faculty of Biotechnical Systems Engineering at UPB.

Senior researcher with background in food engineering and Scientific Manager for ICA R&D



10:00

### **Siguranța Produselor Alimentare**

- Detectarea contaminanților
- Alegerea unui Detector de Metale sau a unui Detector cu Raze X în funcție de aplicație.
- Minimizați riscul de retragere a produselor.
- Sisteme de inspecție sticlă în sticlă

### **Food Safety Masterclass**

- Contaminants detection
- How to select a metal detector or an X-ray detector taking account the application.
- Minimize the risk of product recall
- Glass-in-glass inspection systems



**Michele Martiradonna,**

Business Area Manager Industry and PI, Mettler-Toledo International

Experienced Industry Specialist with a demonstrated history of working in the electrical and electronic manufacturing industry. Skilled in Business Planning, Channel Sales Development, Sales, Go-to-market Strategy, and Sales Management.



11:00 Pauză de cafea

Coffee Break

11:15

### **Valori nutriționale cu soluțiile BÜCHI: extracție, Kjeldahl, NIR**

- Determinare grasimii prin metoda Soxhlet, complet automat
- Azot total Kjeldahl (TKN), Consumul chimic de oxigen (COD), metale grele
  - ProxiMate™ - spectrometru NIR

### **Nutritional values with BÜCHI solutions: extraction, Kjeldahl, NIR**

- Fat determination by Soxhlet method, fully automatic
- Total nitrogen Kjeldahl (TKN), Chemical oxygen demand (COD), heavy metals
- ProxiMate™ - NIR spectrometer



**Katarzyna Kępka,**

Sales Manager Poland, BÜCHI Labortechnik AG

Ms. Katarzyna Kępka obtained Master of Science degree in 2009 at the Military University of Technology in Warsaw, Poland, specializing in hazardous materials and chemical rescue, defending her master's thesis in the field of near infrared spectroscopy. Since 2013, she has been associated with the sale of laboratory equipment and application support, and since January 2018 employed at BUCHI Labortechnik AG as a Sales Manager in Poland.



12:00

### **Importanța tehnologiei în laborator și rolul ei în combaterea biorezistenței**

- Legislație UE
- Automatizare în microbiologie
- Administrarea antibioticelor în ferme

### **The importance of technology in the laboratory and its role in AMR**

- EU legislation
- Automation in microbiology
- Administration of antibiotics on farms



**Dr. Elena Pitoiu,**

Manager Laborator Synevo Vet –

Member of Synevo Group of Companies



12:45 Pauza de Prânz

Lunch Break

14:15

## Hrana poate fi înarmată: soluții și îngrijorări

- Sursa hranei și securitatea
- Încrederea în instituțiile statului
- Încrederea în capacitatea de detecție a substanțelor cu potențial militar
- Mecanisme de detecție și/sau predicție
- Educația cetățeanului, informarea și implicarea



**Prof. Dr. Paul Gagniuc**

UPB - Department of Engineering in Foreign Languages  
Doctor of Philosophy

## Food can be weaponized: solutions and concerns

- Food source and security
- Trust in state institutions
- Confidence in the ability to detect substances with military potential
- Detection and / or prediction mechanisms
- Citizen education, information and involvement

14:45

## Viitorul este ACUM - Soluții digitalizate pentru diagnostic predictiv

- V-ați imaginat vreodată că în loc de Detecție și Răspuns ați putea utiliza Predicția și Prevenția pentru siguranța microbiologică?
- Bun venit într-o nouă eră a Controlului de Calitate



**DANCINCE Guillaume,**

Business Development Manager for Predictive Diagnostics, BioMerieux - EMEA  
Engineer in Microbiology and Quality. Joined bioMerieux 15 years ago and has strong background in food business, especially in Food Safety & Quality. BioMerieux After years of experience in different positions in Food Industry joined bioMerieux 22 years ago.  
In his current position he is working with the R&D department to build new tools, new approaches, to help the Food Industry to move from just detecting & responding to issues, to predicting & preventing them.



## The future is NOW - Digitized solutions for predictive diagnosis

- Have you ever imagined that instead of Detection and Response you could use Prediction and Prevention for microbiological safety?
- Welcome to a new era of Quality Control

15:15

Pauză de cafea

Coffee Break

15:30

## Selectarea, implementarea, validarea și verificarea sistemelor informatice în laboratoarele de încercări



**Cătălina NEAGUE,** Managementul calitatii, ICA RESEARCH & DEVELOPMENT

Graduate and Master at the University of Bucharest, Faculty of Chemistry.  
He has worked for more than 10 years in various testing laboratories, and for more than 10 years in the field of accreditation (at national and international level). Experience in the implementation of integrated management systems, implementation and validation of LIMS (Laboratory Information Management Systems) in test laboratories.



## Implementation, verification and validation of computerised systems for testing laboratories

16:00

## Extragerea uleiului din semințe de struguri prin presare la rece

- Beneficiile utilizării uleiului din semințe de struguri
- Randamentul extragerii uleiului din semințe de struguri prin presarea la rece



**Drd. Ing. Bălțatu (Vasilachi) Carmen,**

A graduate of the Faculty of Biotechnical Systems Engineering in the field of mechanical engineering, she is currently in her last year of doctoral studies. Since 2018, she has been a researcher at INMA-Bucharest, where she is involved in projects aimed at developing equipment in the agricultural and food sector.



## Extraction of grape seed oil by cold pressing

- The benefits of using grape seed oil
- The yield of grape seed oil extraction by cold pressing

16:30

Închidere Simpozion