

## Conference Chairpersons

- Mihaela BADEA, Transilvania University of Brasov, Romania
- Laura FLOROIAN, Transilvania University of Brasov, Romania
- Laura Elena GAMAN, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
- Patrizia RESTANI, Università degli Studi di Milano, Italy
- Jean-Louis MARTY, University of Perpignan Via Domitia, France
- Lluís SERRA-MAJEM, Universita Las Palmas de Gran Canaria, Spain

## Invitation

It is our privilege and pleasure to invite you and your colleagues to attend the 4th International Conference – **New Trends on Sensing – Monitoring – Telediagnosis for Life Sciences, NT-SMT-LS 2018**, Braşov, Romania, during August 30 – September 1, 2018.

The conference will bring together Romanian and foreign universities and leading representatives from international and national scientific research, as well as scientific and professional organizations.

The conference is a possibility to present new results, discussions and exchanges of experience in (tele)diagnosis, -monitoring and -management in medicine, new trends in nutrition, food control and engineering sciences applied in life sciences.

Companies are invited to become sponsor of this International Conference and to present their company products as an exhibitor, demonstrating their expertise and product excellence.

We would like our Conference to be a prestigious international event, which all participants remember fondly. However, we are aware that only your participation and involvement can ensure this.

So, we are waiting to meet you and to have a strong scientific experience in Braşov, one of the most beautiful cities of Romania!

Conference Chairpersons,

**Mihaela BADEA, Laura FLOROIAN, Laura Elena GAMAN,**

**Patrizia RESTANI, Jean-Louis MARTY, Lluís SERRA-MAJEM**

## Important Data

- May 31, 2018 -Abstract submission
- June 5, 2018 - Notification of acceptance
- June 20, 2018 -Deadline for early registration
- June 20, 2018 - Deadline for Young Scientist Paper Award competition
- July 15, 2018 - Deadline for late registration (for contributions included in Abstracts Book)

## General Information

Abstract submission (maximum 200 words, A4, TNR 10, electronic format)

No abstracts will be included in the Conference's Book of Abstracts unless the registration fee is paid by July 15, 2018

## Dates and Venue:

- Aug 30-Sept 1, 2018 - Brasov, Romania
- Aro Hotel, Bulevardul Eroilor 27, 500030- Brasov, Romania

## Language:

The official language of the Conference is English; papers will be accepted, presented and published only in English.

## The Conference includes:

Oral presentations  
Poster presentations

## Accommodation:

Accommodation will be book personally.

All the correspondence should be addressed

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<http://www.healthfoodenviron.unitbv.ro/2018>

**“TRANSILVANIA” UNIVERSITY OF BRASOV  
ROMANIA**

In collaboration with

**“CAROL DAVILA” UNIVERSITY OF MEDICINE AND  
PHARMACY, BUCHAREST, ROMANIA**

**UNIVERSITÀ DEGLI STUDI DI MILANO, ITALY**

**UNIVERSITY OF PERPIGNAN VIA DOMITIA, FRANCE**

**UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA, SPAIN**

**ORDER OF BIOCHEMISTS, BIOLOGISTS, CHEMISTS IN THE  
HEALTH SYSTEM, ROMANIA**

**4<sup>th</sup> International Conference**

**New Trends on Sensing- Monitoring-  
Telediagnosis for Life Sciences**

**NT SMT-LS 2018**



**August 30 – September 1, 2018  
Brasov, Romania**

## Conference Topics

### Telediagnosis, Telemonitoring and Telemanagement in Medicine

- Analytical and bioanalytical methods for screening and diagnosis in medicine
- Telemedicine and e-Health
- Personalized medicine
- Improving health information, data exploitation and providing an evidence base for health policies and regulation
- Social innovations to improve the quality of life and well-being of elder people
- Assistive technologies to the needs of the elderly, disabled and chronic disease patients
- Improving health promotion and disease prevention
- Assessment of disease susceptibility and diagnosis
- Intelligent medical decision support systems
- Environmental pollution and health- sensing, telemonitoring and modeling of environmental risk factors
- Telediagnosis and telemanagement of stress related disorders
- Telemanagement of nutrition in disease prevention and treatment
- Approaching melotherapy through on-line sources/remote methods

### New Trends in Nutritional Sciences and Food Control

- New Sensors for Food Control
- Analytical and bioanalytical methods for food characterization
- Food and drug safety control
- Control, benefit and risk assessment of food supplements and novel foods
- New perspectives on plant-based nutrition
- Phytochemicals: public health and regulatory perspectives
- Personalized nutrition
- New perspectives on neuroscience of taste and olfaction
- Food Psychology

### New Trends in Engineering Sciences Applied in Life Sciences

- Electronic medical devices
- Image, data and signal processing in life sciences
- Computing and simulation in life sciences
- Semantic Web
- Big data analytics
- Personalized electronic tools for effective virtual rehabilitation
- New materials used in medical and electronic fields.

<http://www.healthfoodenviron.unitbv.ro/2018/>

## Program

### Aug 30, 2018

- Registration
- Opening ceremony
- Plenary lectures
- Coffee break and Posters session
- Oral presentations
- Welcome party

### Aug 31, 2018

- Registration
- Oral presentations
- Coffee break and Posters session
- Oral presentations
- Lunch
- Oral presentations
- Coffee break and Posters session
- Oral presentations
- Gala dinner

### Sept 1, 2018

- Oral presentations
- Coffee break
- Closing Ceremony

## Awards

### Young Scientist Paper Award

To qualify for this competition, the first author of the paper must be a young scientist under 40 years of age. Other co-authors may be listed, but the paper must be presented (either oral or poster) by the Young Scientist candidate. Young Scientist paper abstract for the competition must be received by June 20th, 2018 and announced as such by the author(s). The Scientific Committee will select two winning papers. The conference fee for the winners will be waived and the winners will receive an accommodation grant.

### Poster Award

Outstanding posters (A1 format – 841mm\*594mm) will be selected for the Poster Award during the poster presentations. Winning posters will be awarded in the Closing Ceremony of the Conference.

### Oral Presentation Award

Winning oral presentation will be awarded in the Closing Ceremony of the Conference.

## Registration fees

Conference fees	Normal participants		Master and PhD students		Accompanying person (no Book of Abstracts)	
	before 20.06.2018	21.06 – 15.07.2018	before 20.06.2018	21.06 – 15.07.2018	before 20.06.2018	21.06 – 15.07.2018
Registration fee	250 Euro	300 Euro	150 Euro	200 Euro	125 Euro	125 Euro

- Registration fee includes: welcome party, coffee breaks, lunch, conference materials, Book of Abstracts, Gala Dinner.
- The registration fee corresponds to maximum two papers as author or co-author.
- Participants from all organizing institutions will have 50% discount from normal registration fee.

### Method of Payment: Bank Transfer

Bank: BCR Sucursala Brasov, Str. 15 Noiembrie nr. 90, Brasov, Romania

Account No.: RO26RNCB0053048605430006 (EUR)

RO31RNCB0053048605430013 (USD)

BIC SWIFT: RNCBROBU

Beneficiary: Universitatea Transilvania din Brasov NT-SMT-LS – CONFERENCE

Details of payment: full name (surname and first name), company, etc. For NT-SMT-LS – CONFERENCE.

For Romanian currency (RON) please use:

Bank: TREZORERIA MUNICIPIULUI BRASOV, Brasov, Romania

Account No: RO08TREZ13120F330500XXXX (RON)

Beneficiary: Universitatea Transilvania din Brasov, CF 4317754

CONFERENCE NT-SMT-LS

Details of payment: full name (surname and first name), company, etc. For NT-SMT-LS – CONFERENCE.

### Important notes

- Please use the conversion EURO-RON, according with the BNR rate from the day of payment.
- PhD students applying for the reduced student fee should ask their advisor to send a short letter by e-mail confirming their PhD student status.
- The final deadline for paying the conference fee is July 15, 2018. No abstracts will be included in the Conference's Book of Abstracts unless the registration fee is paid before July 15, 2018.
- Registration fees at the conference desk will not be accepted.