

**“VICTOR BABEȘ”
National Institute of Pathology
Annual Scientific Meeting
& 13th National
Pathology Symposium**

CME 16 CREDITS

**November 5-7, 2020
www.Sanatatea.ONLINE**

Topics:

**Cellular Pathology - Molecular Pathology - Histopathology -
- Nephropathology - Omics in Pathology -
- Neuropathology and Neuroregeneration -
- Varia -**

Scientific Organizer



Institutul Național de Cercetare - Dezvoltare în
Domeniul Patologiei și Științelor Biomedicale
Victor Babeș

Online Conference Producer &
Event Management

**Sănătatea
PRESS GROUP** 
Expertul tău în comunicare în domeniul sănătății



PROGRAMME
5 – 7 NOVEMBER 2020

Thursday 5, November

9:30 – 10:00 Opening

10:00-11:30

„Victor Babeș” Annual Conference

New therapeutic targets in malignant disorders of the hematopoietic system.

Prof. Ștefan N. Constantinescu - Cell Signaling Pole at the Université catholique de Louvain's de Duve Institute; Ludwig Institute for Cancer Research, Brussels, Belgium

11:30 – 12:00 break

12:00 – 13:00 Plenary Lecture 1

Blood transcript signatures in mild dementia: a targeted transcriptomics study. **Prof.**

Antonio Cuadrado, Elena Milanese, Maria Dobre, Anca Cucos, Gerard Piñol-Ripoll, Gabriela Niculescu, Gina Manda

13:00 – 14:00 break

14:00 – 16:00

Workshop ARTEMIS - Genomic mapping in areas polluted by pro-carcinogens.

Moderators – Prof. Ioana Neagoe & Dr. Gina Manda

- ✚ **The ARTEMIS project - Genomic population mapping of radioactive and heavy metals in order to increase national security.** **Ioana Berindan-Neagoe**
- ✚ **Histological evaluation in BALB/c mice chronically exposed to toxic compounds.** **Claudiu Gal**, Mihaela Diaconu, Gina Manda, Ioana Berindan Neagoe, Adrian Onu, Crina Stăvaru
- ✚ **Physiopathological aspects induced in BALB/c mice acutely exposed to manganese(II) chloride.** **Mihaela Diaconu**, Claudiu Gal, Mariana Vaduva, Petronica Gheorghiu, Ana-Maria Teodoru, Simona Popoiu, Gina Manda, Ioana Berindan-Neagoe, Adrian Onu, Crina Stăvaru
- ✚ **Dosimetry of wastewater from thyroid carcinoma patients treated with radioactive iodine I-131.** **Doina Piciu**, Cristina Moiescu-Goia, Elena Olariu (Barbus), Eduard-Alexandru Bonci, Katalin Gabora, Marius Badan, Adrian Stoian
- ✚ **Mass spectrometric analysis of differential protein expression in the blood plasma of healthy versus cancerous individuals from radioactively and/or heavy metal contaminated regions.** **Aura-Elena Ionescu**, Simona Călăraș, Doina Piciu, Ștefan Eugen Szedlacsek
- ✚ **Expression of stress responsive genes in human monocytes exposed to ionizing radiation.** **Gina Manda**, Maria Dobre, Ionela Victoria Neagoe, Elena Milanese, Cristian Postolache, Ulrich Weber, Nicole Averbeck
- ✚ **Arsenate target specifically cell death mechanisms: implication in breast cancer management.** **Cornelia Braicu**, Lavinia-Lorena Pruteanu, Dezső Módos, Maria-Ancuța Jurj, Oana Zanoaga, Lajos-Zsolt Raduly, Crina Stavaru, Eugen Gurzău, Andreas Bender, Ioana Berindan-Neagoe

16:00 – 16:15 break

16:15 – 18:00

Session 1: UpToDate in Gynecological Pathology

Moderator – Prof. Gabriel Becheanu

- ✚ **UpToDate in the diagnosis of cervical squamous lesions: WHO 2020 classification.** **Prof. Raji Ganesan** - Birmingham Women's and Children's NHS Foundation Trust, Birmingham, UK
- ✚ **UpToDate in the diagnosis of endocervical glandular lesions: WHO/IECC 2020 classification.** **Prof. Simona Stolnicu** - University of Medicine, Pharmacy, Sciences and Technology of Targu Mures, Romania

18:00 – 18:15 break



PROGRAMME
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Thursday 5, November

18:15 – 20:00

Session 2: Research and Communication

- ✚ Prof. Dan Vasiliu
- ✚ Prof. Mihail E. Hinescu

Friday 6, November

09:00 – 11:30

Session 3: Genomics and proteomics in regeneration and tumorigenesis

Moderators – Prof. Cristiana Tănase & Dr. Aurora Arghir

- ✚ **Immunological traits in non-melanoma patients.** **Monica Neagu**, Carolina Constantin, Mihaela Surcel, Adriana Munteanu, Ana Căruntu, Constantin Căruntu, Sabina Zurac.
- ✚ **Immunity in SARS-Cov2 infection.** **Monica Neagu**, Carolina Constantin, Adriana Munteanu, Sabina Zurac
- ✚ **Soluble biomarkers in skin cancer - a multiplex proteomic view.** **Carolina Constantin**, Mihaela Surcel, Adriana Narcisa Munteanu, Ana Căruntu, Sabina Zurac, Monica Neagu
- ✚ **Genetic disorders affecting oral health.** **Emilia Severin**, George Gabriel Moldoveanu, Andreea Pădun-Moldoveanu
- ✚ **Genetic testing in pediatric movement disorders – clinical examples.** **Diana Barca**, Cristina Minca, Andreea Vladareanu, Cristina Anghelescu
- ✚ **Characterization of molecular events related to disease progression in a case of Polycythemia Vera using whole exome sequencing.** **Ana Maria Vlădăreanu**, Cristina Mambet, Anca Botezatu, Petruța Gurban, Laura G. Necula, Horia Bumbea, Minodora Onisai, Andreea Neculce, Andreea Spanu, Alina Mititelu, Diana Bonea, Elena Andrus, Cristina Enache, Ionut Dumitru, Jean-Philippe Defour, Pascale Saussoy, Gabriela Anton, Carmen C. Diaconu, Ștefan N. Constantinescu
- ✚ **Pharmacological investigation for the products Naturastim-SOL and Naturastim-VET.** **Radu Albuлесcu**, Maria Petrescu, Georgeta Neagu, Alice Grigore, Adrian Albuлесcu, Roman Muresan

11:30 – 11:45

break

11:45 – 13:15

Plenary Lecture 2

The emerging pattern of shared polygenic architecture of psychiatric disorders - conceptual and clinical implications. **Prof. Ole Andreassen** - Faculty of Medicine, Institute of Clinical Medicine, University of Oslo, Norway

13:15 – 14:00

break

14:00 – 16:00

Session 4: Neurosciences

Moderator - Prof. Bogdan O. Popescu

- ✚ **Failure of intramural periarterial drainage of interstitial fluid from the brain and the pathogenesis of Cerebral Amyloid Angiopathy.** **Prof. Roxana Cărare** - Professor of Clinical Neuroanatomy at the University of Southampton, UK
- ✚ **Impact of ABC transporters in Alzheimer disease.** **Prof. Jens Pahnke** - Professor at the University of Oslo (UiO) and the Head of the Department of Neuropathology at the Oslo University Hospital, Norway
- ✚ **In vitro modelling of the human blood-brain barrier to study amyloid transport in Alzheimer's disease.** **Prof. Fabien Gosselet** - Professor at University of Artois, Head of Lens Blood-brain barrier, Arras, France
- ✚ **Cotinine and 6-hydroxy-L-nicotine improves neurobehavioral changes and reduce oxidative stress in a zebrafish (Danio rerio) model of Alzheimer's Disease.** **Răzvan Ștefan Boiangiu**, Marius Mihasan, Lucian Hritcu



PROGRAMME
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Friday 6, November

16:00 – 16:15 break

16:15 – 18:15

Session 5: Nephropathology

Moderators – Dr. Mihaela Gherghiceanu & Dr. Gener Ismail

- ✦ **Challenging cases in nephropathology.** [George Terinte-Balcan](#)
- ✦ **Updates in the histological diagnosis and treatment of lupus nephritis.** [Bogdan Oabrișcă](#).
Mihaela Gherghiceanu, Gener Ismail
- ✦ **Different rejection phenotypes in kidney transplant recipients with positive angiotensin II type 1 receptor antibodies.** [Bogdan Marian Sorohan](#), Gener Ismail, Nicolae Leca, Ioanel Sinescu
- ✦ **Case presentation of rapidly progressive glomerulonephritis.** [Georgiana Frățilă](#), Roxana Jurubiță, Gener Ismail
- ✦ **A rare cause of acute kidney injury in Systemic Lupus Erythematosus– the importance of kidney biopsy.** [Oana Ion](#)
- ✦ **Pregnancy-onset nephrotic syndrome in a patient with type 1 diabetes mellitus.** [Ioana Ailincăi](#), Gener Ismail

18:15 – 18:30 break

18:30 – 20:30 **Session 6: Short communication - varia**

Moderator – Dr. Laura C. Ceafalan

- ✦ **Immunological parameters of children with recurrent respiratory infections.** [Adriana Narcisa Munteanu](#), Mihaela Surcel, Gheorghita Isvoranu, Ioana Ruxandra Pirvu, Ovidiu Bratu, Carolina Constantin, Monica Neagu
- ✦ **Dying of COVID19 versus dying with COVID19 – which are the scientific differences?** [Cristiana Popp](#), Luciana Nichita, Alexandra Bastian, Eliza Grămadă, Gianina Micu Răzvan Andrei, Claudiu Socoliuc, Liana Sticlaru, Mirela Cioplea, Alexandra Cioroianu, Sabina Zurac
- ✦ **Interventional challenges in rapidly worsening atheromatosis.** [Ioana Adriana Zavelea](#), Ana Zaharescu, Oana Cristina Voinea, Liviu Stan
- ✦ **Neuroregenerative effects of the *Lamium album* L. extract based on shanzhiside - methyl esters action, in restraint stress condition.** [Vlad Toma](#), Anca Stoica (Farcaș), Ioana Roman
- ✦ **Integration of metabolomics and chemosensitivity data from the NCI-60 study.** [Leona Chițoiu](#), Elisa Benedetti, Sorina Dinescu, Marieta Costache, Jan Krumsiek.
- ✦ **Highly aggressive metaplastic carcinoma with divergent chondrosarcomatous differentiation.** [Dana Tapoi](#), Oana Patrascu, Ana Ciongariu, Ionel Dandu Colceriu, Maria Sajin, Mariana Costache, Adrian Dumitru
- ✦ **Endocervical adenocarcinoma and HPV infection.** [Manuela Popa](#)

Saturday 7, November

10:00 – 12:30 **Session 7: Short communication - young researchers**

Moderator – Dr. Ana-Maria Enciu

- ✦ **Antibacterial effects of a synthetic flavonoid against penicillin-resistant strain of *Staphylococcus Aureus*.** [Cristina-Veronica Moldovan](#)
- ✦ **The shifting of eustress to distress: behavior, structural and molecular features observed in the repeated restraint stress model.** [Vlad Toma](#), Bogdan Dume, Alexandra Sevastre-Berghian, Rares Trîncă, Bogdan Sevastre, Lucian Barbu, Septimiu Tripon, Anca Farcaș, Adrian Ruicănescu, Ioana Roman



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Saturday 7, November

- ✦ **Evaluation of CD36 involvement in the proinflammatory response of astrocytes.** **Ana-Maria Dobri**, Lucian Albuiescu, Dana Ionela Popescu, Anca Cucuș, Ana-Maria Enciu
- ✦ **Studies of the influenza M1-protein layer using subtomogram averaging.** **Filip Mureșan**, Leona Chițoiu, Ana Șerbănescu, Cătălin Țucureanu, Victor Eduard Peteu, Tudor Emanuel Fertig, Adrian Onu, Mihaela Gherghiceanu
- ✦ **Tomography and three dimensional reconstruction of intracellular hepatitis B subviral particles.** **Marian-Aurelian Cloșcă**, Victor-Eduard Peteu, Cristina Scurtu, Olivia Dobrica, Ana-Maria Pantazica, Tudor Emanuel Fertig, Norica Nichita, Mihaela Gherghiceanu
- ✦ **Identification and 3D reconstruction of alpha-2-macroglobulin - a contaminant of cryo-EM samples.** **Teodora Ciobotea**, Leona Chițoiu, Vlad Tofan, Mădălina Tălpău, Cătălin Țucureanu, Cristina Scurtu, Olivia Dobrica, Ana-Maria Pantazica, Tudor Emanuel Fertig, Norica Nichita, Adrian Onu, Mihaela Gherghiceanu
- ✦ **Neuroprotective effects of allicin on the hippocampus in a rat model of traumatic brain injury.** **Bogdan Dume**, Dragoș Mihalache, Ioana Roman, Bogdan Sevastre, Vlad. Al. Toma
- ✦ **The role of β -cyclodextrins in improving the anti-fibrotic effectiveness of silymarin in a mouse model of liver fibrosis.** **Sami Gharbia**, Cornel Balta, Hildegard Herman, Marcel Rosu, Judit Váradi, Ferenc Fenyvesi, Anca Hermenean, Marieta Costache
- ✦ **Lipopolysaccharide-induced inflammation triggers cytoskeletal reorganisation and calcium signaling alteration in brain microvascular endothelium.** **Călin Mircea Rusu**, Roberta Stoica, Antonia Teona Deftu, Alexandra Bîngă, Adela Banciu, Daniel Dumitru Banciu, Mihai Radu, Beatrice Mihaela Radu

The award for the best presentation of a young researcher – a high performance laptop sponsored by RoneXprim.

12:30 – 13:00 break

13:00 – 14:30 **Session 8: Telocytes in regeneration and pathology**

Moderator – Dr. Mihaela Gherghiceanu

- ✦ **Telocytes in salivary gland regeneration.** **Mihnea Ioan Nicolescu**
- ✦ **Telocytes in skin pathology.** **Cătălin Gabriel Manole**
- ✦ **Telocytes in cardiac regeneration.** **Mihaela Gherghiceanu**

Scientific Organiser: **Institutul Național de Cercetare – Dezvoltare în Domeniul Patologiei și Științelor Biomedicale „Victor Babeș” / Victor Babeș National Institute of Pathology**

Online Conference Producer: **Sănătatea Press Group**

Abstract should be submitted until **October 25, 2020**

Registrations can be made until **November 1, 2020**

Registration:

<https://www.ivb.ro/v3/project/symposium/>

<https://sanatatea.online/ivb2020/>