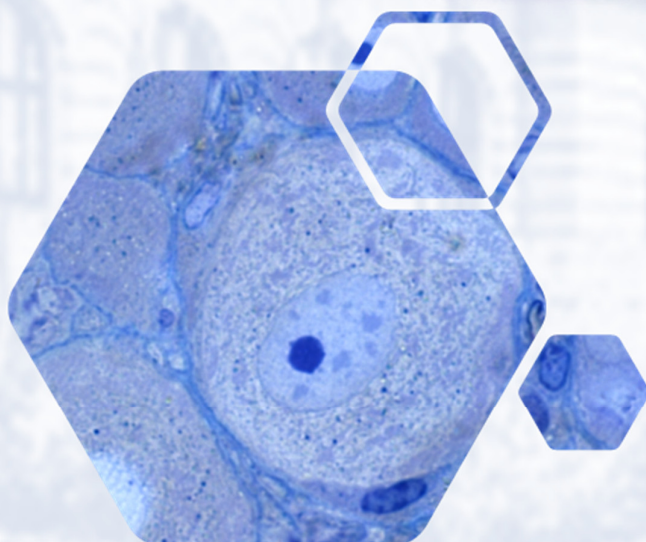


International Pathology Conference of the Victor Babeş Institute Bucharest

17 - 19 November 2022

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**Young investigator award
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INTERNATIONAL PATHOLOGY CONFERENCE OF THE „VICTOR BABEȘ” INSTITUTE BUCHAREST

17 – 19 November 2022

SCIENTIFIC PROGRAMME

Thursday 17, November CHANNEL1	
9:30-11:00	<p>Opening The changing face of biomedical research</p> <p>Prof. Mihail Eugen Hinescu, General Director of „Victor Babeș” National Institute of Pathology Bucharest, Romania Prof. Ștefan Constantinescu, President of Federation of European Academies of Medicine, Victor Babeș Honorary Scientist Award 2020 Prof. Univ. Dr. Ing. Adrian Curaj, General Director of UEFISDCI Prof. Viorel Jinga, Rector of „Carol Davila” University of Medicine and Pharmacy Bucharest, Romania</p>
11:15-13:15	<p>Session 1: Victor Babeș Institute - research news Session Chair – Prof. Mihail Eugen Hinescu</p> <ul style="list-style-type: none"> - 3D tumor spheroid models for therapeutic screening. Ana Maria Enciu - Molecular approaches in adjuvant therapy with natural bioactive compounds. Cristiana Tănase - Telocytes in cardiovascular system. Mihaela Gherghiceanu - Portrayal of antigen presenting cells in cutaneous melanoma - innovative pillars for harnessing immunotherapy. Monica Neagu
13:15-13:45	<p>Diagnosis of MSI status with the Gold Standard markers using OncoMate™ MSI Dx Analysis System CE-IVD. Kseniya Carr, Sr Key Account Manager CEE. Promega GmbH, Germany</p>
15:00-16:00	<p>Keynote Lecture - Victor Babeș Honorary Fellow Award Targeting B-cell Survival in Lymphoid Malignancies Alexandru Almășan Department of Cancer Biology, Cleveland Clinic, Cleveland, USA</p>
16:15-17:15	<p>Keynote Lecture: Update on Mesothelioma - Pathogenesis and Diagnostic Evaluation Lucian R. Chirieac Brigham and Women’s Hospital, Harvard Medical School, Boston, USA</p>
17:30-19:00	<p>Session 2: Next generation pathology Session Chair – Octavian Bucur</p> <ul style="list-style-type: none"> - Expansion Pathology. Octavian Bucur, Victor Babeș National Institute of Pathology Bucharest, Romania - AI in hematolymphoid disorders. Rajan Dewar, McLaren Greater Lansing, Michigan State University, USA - The application of artificial intelligence in pathology and issues related to deployment. Liron Pantanowitz, University of Michigan, USA

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Friday 18, November		
	CHANNEL 1	CHANNEL 2
09:00-11:00	<p>Session 3: Immunology Covid-19 lessons for the post-pandemic era Session Chair – Monica Neagu</p> <ul style="list-style-type: none"> - How can genomic studies inform public health policies? Simona Ruță, „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania - Preparing for the next wave: toxicodynamics and immunosurveillance of SARS-CoV-2. Konstantinos Nikolouzakakis, University of Crete, Greece - Development of SARS-CoV-2 IgM following vaccination predicts longer immunity. Donato Zipeto, University of Verona, Italy - Therapeutic delivery efficacy of nanovectors. Giuseppe Bardi, Istituto Italiano di Tecnologia, Genova, Italy 	<p>Session 4: Genomic and proteomic technologies in research and diagnosis of complex diseases Session Chairs – Cristiana Tănase & Aurora Arghir</p> <ul style="list-style-type: none"> - Clinical utility of preconceptional carrier screening for prevention of neurodevelopmental disorders. Anita Rauch, Institute of Medical Genetics, Zürich, Switzerland - Proteomic and Phosphoproteomic Analysis of Clear Cell Renal Cell Carcinoma. Nurhan Özlü, Department of Molecular Biology and Genetics, Koç University, Istanbul, Turkey
11:15-13:15	<p>Session 5: Cardiovascular pathology Session Chair – Elisa Anamaria Liehn</p> <ul style="list-style-type: none"> - Cardiac-targeted delivery of a novel Drp1 inhibitor for cardioprotection. Shiang (Max) Lim, St. Vincent's Institute Medical Research, Melbourne, Australia - Human platelet mitochondria improve the mitochondrial and cardiac function of donor heart. Yin Hua Zhang, Seoul National University College of Medicine, Korea - Mitochondrial DJ-1 as therapeutic target for cardioprotection. Sauri Hernandez-Resendiz et al. National Heart Centre Singapore - Collagen synthesis involves distinct functions of Vitamin C. Mihaela Rusu et al. Institute for Molecular Cardiovascular Research, University Hospital Aachen, Germany - The effect of vitamin C on oxidative stress in ischemic conditions. Yichen Xu, et al. Institute for Molecular Medicine, University of Southern Denmark, Odense, Denmark - Targeting mitochondria to prevent vascular restenosis. Gustavo Enrique Crespo Avilan et al. Duke-NUS Medical School Singapore, Cardiovascular and Metabolic Disorders, Singapore, Singapore 	<p>Session 6: Short communication - Biomedical research Session Chair – Anca Hermenean & Laura Ceafalan</p> <ul style="list-style-type: none"> - The inhibition of Galectin-1: new insights for treatment of diabetic complications. Maria Consiglia Trotta et al. University of Campania “Luigi Vanvitelli”, Naples, Italy - Role of pro-resolving mediators in retinal diseases. Carlo Gesualdo et al. University of Campania “Luigi Vanvitelli”, Naples, Italy - Investigation of the biological effects of β-cyclodextrins. Ferenc Fenyvesi, University of Debrecen, Debrecen, Hungary - Investigating the chemopreventive potential of natural products on breast cancer in vitro models. Sevinci Pop et al. - Generation of a reporter cell line to study IL-1β-mediated inflammation. Gabriela Chiritoiu et al. Institute of Biochemistry of the Romanian Academy, Bucharest, Romania

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13:30-14:30	Keynote Lecture: Extracellular Vesicles in Cardiovascular Theranostics Prof. Lucio Barile - Università della Svizzera Italiana, Lugano, TI, CH	
14:45-16:45	Session 7: Nephropathology Session Chairs – Mihaela Gherghiceanu & Gener Ismail <ul style="list-style-type: none"> - Advances in understanding of nephrotic lesions. Vanesa Bijol, North Shore University Hospital and Long Island Jewish Medical Center, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, New York, USA. - Unexpected kidney biopsy finding in a patient with AKD. Nicoleta Petre, Carol Davila Clinical Hospital & „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania - Urinary soluble CD163 in ANCA associated vasculitis. George Terinte Balcan - Victor Babeș National Institute of Pathology Bucharest, Romania - A novel activity and chronicity index for histologic assessment of renal biopsies in ANCA-associated vasculitis. Bogdan Obrișcă, Fundeni Clinical Institute & „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania - Nefrita lupus-like: O complicatie autoimuna rara a infectiei cu virusul hepatitei C. Andreea Andronesi, Fundeni Clinical Institute & „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania 	Session 8: Neurosciences Session Chair – Bogdan O. Popescu <ul style="list-style-type: none"> - Neuro ... perspectives. Emil C. Toescu, Institute of Transdisciplinary Discoveries, Medical School, University of Pecs, Hungary & Liberal Arts and Natural Sciences, College of Medical and Dental Sciences, The University of Birmingham, UK Victor Babeș Honorary Fellow Award - Pain, from Aristotle to the Gate Theory, via Descartes. Alexandru Babeș, University of Bucharest, Romania - Neuroethics, neuromodulation and the neurologic catastrophe of our era. Bogdan O. Popescu, „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania
17:00-19:00	Session 9: Short communication - Young Pathologists Session Chair – Gabriel Becheanu & Adelina Cohn <ul style="list-style-type: none"> - Diagnostic Challenges in Primary Rhabdoid Cutaneous Melanomas - a Case Series. Dana Tapoi, et al. „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania - Mesonephric-like adenocarcinoma of the female genital tract - an underdiagnosed entity. Antonia-Carmen Georgescu, et al. Carol Davila Nephrology Clinical Hospital & „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania - Analysis of the tumor microenvironment in gastric adenocarcinoma with the emphasis on LAG-3. Florina Almarii, Fundeni Clinical Institute, Bucharest, Romania 	Session 10: Muscle pathology Session Chair – Laura Cristina Ceafalan <ul style="list-style-type: none"> - Muscle systemic signaling via myokines. Fabio Demontis, Comprehensive Cancer Center, St. Jude Graduate School of Biomedical Sciences, Memphis, TN, USA - Diagnostic problems in pediatric muscle pathology. Magda Budișteanu, Spitalul Clinic de Psihiatrie, Prof. Dr. Alexandru Obregia, Bucharest, Romania - Charcot-Marie-Tooth Neuropathy and Neuromyotonia - a rare association, Diana Anamaria Epure et al. Neurologie Pediatrica, Sp. Clinic de Copii Dr Victor Gomoiu, Bucharest, Romania

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	CHANNEL 1	CHANNEL 2
	<ul style="list-style-type: none"> - Vein invasion, a rare morphological feature of breast cancer. Adelina Baltan, et al. Poundbury Cancer institute, Poundbury, Dorchester, UK - Differential diagnosis of bone sarcomas using immunohistochemistry. Oana Neagu, Gr. Alexandrescu Hospital, Bucharest - A rare cause of rectal mucosal ulceration. Adelina Maria Cohn, Gabriel Becheanu „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania - Difficult case in nephropathology. George Terinte Balcan, „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania 	<ul style="list-style-type: none"> - The two different faces of Interleukin-6, as a myokine and as a cytokine. Emilia Manole et al. Victor Babes National Institute of Pathology, Bucharest, Romania - Challenges in muscle biopsy evaluation. Alexandra Bastian et al. Colentina Clinical Hospital, Pathology Department, Bucharest
Saturday 19, November – CHANNEL 1		
09:00-11:00	Course – Human induced pluripotent stem cell-based models for development and disease Prof. Irina Roxana Deleanu , Department of Anatomy, Histology and Embryology, Medical University of Innsbruck, Austria	
11:15-12:00	Intracellular signaling through ITAM-motif receptors Loredana Săveanu , INSERM U1149, Centre de Recherche sur l'Inflammation, Faculté de Médecine, Paris, France.	
12:15-14:00	Session 11: Short communication - young researchers Best Presentation Award - Motic microscope sponsored by HypoTech&Consulting Session Chairs – Ana-Maria Enciu & Emanuel Fertig open for submission <ul style="list-style-type: none"> - Multimodal Micro-CT Imaging for 3D Pathology. Victor Gabriel Ungureanu, Antoanela Tanca, Daniel Anghel, Elisa Anamaria Liehn, Octavian Bucur - Tumor cells under irradiation. Maria Dobre, Elena-Mihaela Dragnea, Ionela Victoria Neagoe - Tumor spheroids as models for in vitro testing. Iulia Costache, Lucian Albulescu, Ionela Daniela Popescu, Elena Codrici, Maria Dudau, Ana-Maria Enciu, Cristiana Tanase - Application of CRISPR/Cas-9-Mediated Genome Editing – first steps to generate a K.O. cell line. Maria Dudau, Tobia Fantoni, Michele Bissoli, Zipeto Donato, Maria Teresa Valenti 	
14:30-15:30	Communication (K)now Session Chairs – Mihail E. Hinescu & Dan Anton Vasiliu Marina Hanganu & Alexandru Baltă	
15:45-16:00	Closing remarks	

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Registration: <https://ipc2022.event-online.ro/>

CMR a creditat „Conferința de Patologie a Institutului Victor Babeș 2022” cu **18 CMR-EMC credits** (nr. 8797/01.11.2022)

Abstract submission deadline: **November 1st, 2022**

Abstract submission to: ipc22@ivb.ro

Registration deadline: **November 15th, 2022**

Registration fee: **150 lei**

Registration is free for lecturers and students (please specify this in „Ocupație*” field).

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