

# ZAGREB SPRING SYMPOSIUM OF APPLIED CARDIOVASCULAR PHYSIOLOGY AND TREATMENT

25<sup>th</sup>-26<sup>th</sup> of April  
2020

**Agram**  
SPECIJALNA BOLNICA

## PROGRAMME

Day 01 - Saturday, 25th of April

8:00	8:40	Registration
8:40	9:00	Welcome and Opening
9:00	9:20	<b>Venous return concept and practical application</b> prof. Bernard Cholley, MD, PhD (Paris, France)
9:20	9:40	<b>The link between right ventricle and pulmonary circulation</b> prof. Robert Naeije, MD, PhD (Brussels, Belgium)
9:40	10:00	<b>Ventilation-perfusion matching</b> prof. Luciano Gattinoni, MD, PhD (Gottingen, Germany)
10:00	10:20	<b>Arterial vessels characteristics: clinical relevance</b> Manuel Ignacio Monge Garcia, MD (Cadiz, Spain)
10:20	10:50	Discussion
10:50	11:10	Coffee break
11:10	11:30	<b>How to measure blood pressure correctly</b> prof. Bernd Saugel, MD, PhD (Hamburg, Germany)
11:30	11:50	<b>What is the optimal blood pressure target?</b> prof. Bernd Saugel, MD, PhD (Hamburg, Germany)
11:50	12:10	<b>Clinical applications of the Ventricular-Arterial coupling</b> Manuel Ignacio Monge Garcia, MD (Cadiz, Spain)
12:10	12:30	Discussion
12:30	13:00	<b>Exhibition area –meet the sponsors, meet the speakers</b>
13:00	14:00	Lunch break
14:00	14:20	<b>The impact of arrhythmias on acute clinical conditions</b> prof. Robert Bernat, MD, PhD (Kaiserslautern, Germany)
14:20	14:40	<b>Acute valvular heart disease and haemodynamic consequences</b> prof. Jadranka Šeparović-Hanževački, MD, PhD (Zagreb, Croatia)
14:40	15:00	<b>Role of Doppler echocardiography in the haemodynamic evaluation</b> prof. Gorazd Voga, MD, PhD (Celje, Slovenia)
15:00	15:20	<b>Importance of the functional cardiovascular imaging</b> Mladen Jukić, MD, PhD (Zagreb, Croatia)
15:20	15:40	<b>Invasive physiological assessment of coronary arteries</b> Zoran Miovski, MD (Zagreb, Croatia)/ Tomislav Krčmar, MD, PhD (Zagreb, Croatia)
15:40	16:10	Discussion
16:10	16:30	Coffee break

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16:30	16:50	<b>Methods for Cardiac Output measurements</b> prof. Gorazd Voga, MD, PhD (Celje, Slovenia)
16:50	17:10	<b>The pulse contour methods</b> prof. Stefano Romagnoli, MD, PhD (Firenze, Italy)
17:10	17:30	<b>Cost and benefits: balance to choose medical devices</b> prof. Bernard Cholley, MD, PhD (Paris, France)
17:30	17:50	<b>Emergency Cvasc drug therapy: vascular tone and/or heart function in shock</b> prof. Zolt Molnár, MD, PhD (Pécs, Hungary)
17:50	18:20	Discussion
20:30	0:00	<i>Symposium dinner</i>
<b>Day 02 - Sunday, 26th of April</b>		
9:00	9:20	<b>What clinicians should know about microcirculation?</b> prof. Zolt Molnár, MD, PhD (Pécs, Hungary)
9:20	9:40	<b>Adequacy of tissue perfusion: is the lactate a useful marker?</b> prof. Luciano Gattinoni, MD, PhD (Gottingen, Germany)
9:40	10:00	<b>Mitochondrial dynamics in cardiovascular injury</b> Nuno Raimundo, PhD (Gottingen, Germany)
10:00	10:20	<b>Are cardiovascular changes related to immune response?</b> prof. Didier Payen de la Garanderie, MD, PhD (Paris, France)
10:20	10:50	Discussion
10:50	11:20	<i>Coffee break</i>
11:20	11:40	<b>Regional answer to systemic alterations: Splanchnic</b> prof. Vladimir Gašparović, MD, PhD (Zagreb, Croatia)
11:40	12:00	<b>Regional answer to systemic alterations: Brain</b> prof. Didier Payen de la Garanderie, MD, PhD (Paris, France)
12:00	12:20	<b>Regional answer to systemic alterations: Kidney</b> prof. Stefano Romagnoli, MD, PhD (Firenze, Italy)
12:20	12:50	Discussion
12:50	13:00	Final thoughts