



Scientific Program

Day 1 (August 27, 2026)

- 10:00 – 10:10 Opening Ceremony
- 10:10 – 12:00 Hemorheology and microcirculation in different clinical settings
Chairmen: Prof. Dr. Tamas Alexy and Prof. Dr. Kalman Toth
- 12:00 – 13:00 Lunch
- 13:00 – 15:00 H.J. Meiselman Memorial Session
Chairmen: Prof. Dr. Tamas Alexy, Prof. Dr. Kalman Toth
- 15:00 – 16:00 Discussion
- 18:00 – Banquet Dinner

Day 2 (August 28, 2026)

- 10:00 – 12:00 Hemorheology Lab Visit at the Dept. of Physiology and Biophysics
- 12:00 – 13:00 Lunch
- 14:00 – 15:00 Commemoration at the Pasadena Cemetery

Day 3 (August 29, 2026)

- 10:00 – 14:00 Satellite Symposium (GINOP_PLUSZ-2.1.1-21-2022-00224 project)

Session 1. Hemorheology and microcirculation in different clinical settings

Chairmen: Prof. Dr. Tamas Alexy, Prof. Dr. Kalman Toth

1. Hemorheological properties of temporary and durable mechanical circulatory support devices

Tamas Alexy¹, Zsolt Marton², Robert Halmosi², Nick Sumzin¹, Jacob Beery¹, Kalman Toth², Andrew Hughes¹

¹Department of Medicine, Division of Cardiology, University of Minnesota, Minneapolis, Minnesota, USA

²1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

2. Role of hemorheological parameters in acute and chronic pulmonary diseases

Barbara Sandor, Gergely Galos, Reka Szabo, Istvan Ruzsics, Kalman Toth

1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

3. Comparison of hemorheological and microcirculatory changes in different high-risk patients treated by resveratrol

Andras Toth¹, Roland Gal², Janos Riba², Zsolia Szabo³, Barbara Sandor², Peter Kenyeres², Tamas Alexy^{2,4}, Kalman Toth², Zsolt Marton²

¹Department of Medical Imaging, University of Pecs, Medical School, Pecs, Hungary

²1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

³Department of Anaesthesiology and Intensive Therapy, University of Pecs, Medical School, Pecs, Hungary

⁴Department of Medicine, University of Minnesota, Minneapolis, Minnesota, USA

4. Influence of triglyceride and LDL-cholesterol levels on microcirculation

Miklos Rabai, Gergely Galos, Kalman Toth, Barbara Sandor

1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

5. The effect of primary and secondary cardiovascular prevention on different biomarkers and body composition, a single-center study from Hungary

Fanni Molnar, Miklos Rabai, Gergely Galos, Gabor Kesmarky, Kalman Toth, Barbara Sandor

1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

Session 2. Herbert J. Meiselman Memorial Symposium

Chairmen: Prof. Dr. Tamas Alexy and Prof. Dr. Kalman Toth

Memories of nearly 40 years

Kalman Toth^{1,2}

¹1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

²*Keck School of Medicine of USC, Dept. of Physiology and Biophysics, Los Angeles, CA, USA*

We battled with white blood cells

Zsolt Pecsvarady^{1,2}

¹2nd Department of Internal Medicine, Flor Ferenc Teaching Hospital, Kistarcsa, Hungary

²*Keck School of Medicine of USC, Dept. of Physiology and Biophysics, Los Angeles, CA, USA*

From the laboratory to the bedside

Tamas Alexy^{1,2}

¹Department of Medicine, Division of Cardiology, University of Minnesota, Minneapolis, Minnesota, USA

²*Keck School of Medicine of USC, Dept. of Physiology and Biophysics, Los Angeles, CA, USA*

Adventures in Los Angeles

Miklos Rabai^{1,2}

¹1st Department of Medicine, University of Pecs, Medical School, Pecs, Hungary

²*Keck School of Medicine of USC, Dept. of Physiology and Biophysics, Los Angeles, CA, USA*

Connection to Debrecen

Norbert Nemeth^{1,2}

¹Department of Operative Techniques and Surgical Research, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

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Satellite Symposium – Clinical challenges of cardiopulmonary resuscitation during pandemics

1. Cardiopulmonary resuscitation of patients with communicable infections
2. What COVID-19 has taught us
3. Defibrillator development for patients with post-COVID syndrome
4. GINOP_PLUSZ-2.1.1-21-2022-00224 project experience and round table discussion