

SATURDAY, September 7, 2024: yESAO Pre-Congress Meeting

START	END	Universitätsklinikum - Lecture Hall 5
10:30		On-Site Registration for yESAO (Corridor B)
11:45	12:45	yESAO Welcome Lunch (Staff Canteen)
12:45	13:15	OPENING WORDS yESAO Coordinators
13:15	14:15	1st Keynote Exiting Academia: A Personal Account on how to Exit without Leaving (Dr. Salim Olia)
14:15	14:45	Coffee Break and late registration (Canteen and Floor B)
14:45	16:00	Pitch Session
16:00	18:00	Lab visits
18:00	19:30	Optional City Tour for ESAO Congress participants <i>(Pre-registration is requested)</i>
20:00	open	yESAO Dinner and Party

SUNDAY, September 8, 2024: yESAO Pre-Congress Meeting / Welcome

START	END	EUROPASAAL	K1	K2	FOYER - EXHIBITION AREA
10:30	12:00		yESAO Pre-Congress	2nd Keynote Exiting Academia: Three Perspectives that Make your Head Spin (off) (N. Steuer, R. Graefe, O. Marseille)	Set Up: Exhibition Poster Catering
12:30	13:15			Discover and Connect	
13:15	14:15			Lunch	
14:15	15:30			Workshop Anti-bias Education: Raising Awareness for Future Leaders of International Teams (Prasad Reddy)	
15:30	15:45			Closing Words & Pitch Award Winners	
15:45	16:15			Coffee Break	
17:00	18:30	OPENING CEREMONY <i>Chairs: Prof Payam Akhyari - Prof. Ulrich Steinseifer</i> Welcome Address Congress President: Prof. Payam Akhyari Presidential Address ESAO President: Prof. Ulrich Steinseifer Scientific Chair Address Prof. Joachim Jankowski Plenary Lecture Artificial Organs, when the movies were young! - Prof. Jörg Vienken (45 min)			
18:30	21:00	Welcome Reception and Buffet Musical Performance: Klangkarre			

MONDAY, September 9, 2024

START	END	EUROPASAAL	K1	K2	FOYER - EXHIBITION AREA
8:30	9:10	PL11: PLENARY LECTURE 1 "Inter-Organ Communication: Unraveling Mechanisms and Modulation Strategies" (Alberto Ortiz; Spain) <i>Chairs: Jankowski</i>			<p align="center">Exhibition Posters Bonding Networking Coffee & Soft Drinks</p>
9:15	10:45	HE11: Preclinical and Clinical Research in Heart Support <i>Chairs: Slaughter/ Thamsen</i> Keynote: "Modern cardiac support and replacement options" (Goro Matsumya, Japan)	MT11: Surface Modification for Improved Biocompatibility <i>Chairs: De Laporte/ Weber/ Bode</i> Keynote: Synthetic molecular and colloidal building blocks to overcome challenges in tissue engineering (Laura De Laporte, Germany)	KL11: Emerging Innovations in Chronic Kidney Disease Treatment: Novel Approaches and Future Directions <i>Chairs: Stamatialis/ Masereeuw</i> Keynote: Do drugs and uremic toxins compete for renal clearance and exacerbate comorbidities? (Roos Masereeuw, Netherlands)	
10:45	11:15	<p align="center">Coffee Break</p>			
11:15	12:45	LU11: Preclinical and Clinical Research in Lung Support <i>Chairs: Verbelen/ Jansen/ Strudthoff</i> Keynote: "Clinical use of Artificial Lung technology: current practice and dreams for the near future" (Tom Verbelen, Belgium)	BE11: Classic and in situ Tissue Engineering <i>Chairs: Baptista/ Legallais/ Vaca</i> Keynotes: 1. Tissue engineering and regenerative medicine state-of-the-art and challenges (Paul Wieringa & Julian Gonzalez-Rubio) 2. "Cell-free heart valves" (Payam Akhyari, Germany)	KL12: Liver Replacement Therapies and Organ Models <i>Chairs: Lüdde</i>	
12:45	14:00	<p align="center">Lunch Break</p>			
14:00	15:30	SY11: IFAO Symposium Cardiovascular devices and biocompatibility <i>Chairs: Ono/ Legallais</i>	SY12: yESAO Symposium Research Bonding <i>Chairs: Bode/ Esslinger/ Escher</i>	SY13: Eutox Symposium Uremic toxins and the interaction with different organs; Role of uremic toxins <i>Chairs: Jankowski</i>	
15:30	16:30	RF11: Rapid Fire Poster Presentations Topic: Hemodynamics, AI & Bioengineering <i>Chairs: Jansen</i>	RF12: Rapid Fire Poster Presentations Topic: Heart & Kidney, Liver, Organ Crosstalk <i>Chairs: Granegger</i>	RF13: Rapid Fire Poster Presentations Topic: Lung Materials/ Testing <i>Chairs: Neidlin</i>	
16:30	17:30	<p align="center">Poster Session & Coffee Break</p>			
17:30	18:15	PL12: PLENARY LECTURE 2 Technology vs Biology: Alternatives to Artificial Organs "Xenotransplantation in USA, Europe and Japan" <i>Chairs: Akhyari</i> Kidney Xenotransplantation: Current Status and Future Challenges (Takashi Yokoo ; Japan) Heart Xenotransplantation: Are we ready for clinical application? (Michael Schmoeckel; Germany)			
18:15	18:30	PD11: PLENARY DISCUSSION 1 Technology or Biology ? The Future of Artificial Organ Therapies (Moderated by Payam Akhyari; Germany)			
18:30	19:30	<p align="center">ESAO GENERAL ASSEMBLY</p>			
20:00	21:30	<p align="center">Optional City Tours: Aachen, Aix-la-Chapelle, Aquisgran: from Charlemagne to Napoleon - Prof. Vienken Aachen: Myths and Legends - S. Herren more to come... <i>(Pre-registration is requested)</i></p>			

TUESDAY, September 10, 2024

START	END	EUROPASAAL	K1	K2	FOYER - EXHIBITION AREA
8:30	9:10	PL23: PLENARY LECTURE 3 Impella: the 25-year journey from a start up to becoming the standard of care in acute heart failure (Thorsten Sieß, Germany) <i>Chairs: Akhyari</i>			Exhibition Posters Bonding Networking Coffee & Soft Drinks
9:15	10:45	HE22: Pediatric Heart Support & New Devices <i>Chairs: Karimov/ Granegger/ Langer</i> Keynote: "Cleveland Clinic Total Artificial Heart: Architecture and Function" (Jamshid Karimov, US)	MT22: Advances in Thrombogenicity and Hemolysis in-vitro Testing <i>Chairs: Simmonds/ Kertzscher/ Bierwirtz</i> Keynote: "The Need for Improved In-vitro Test Methods" (Michael Simmonds, Australia)	SY24: Albunet Symposium <i>Chairs: Boss/ J. Vienken</i>	
10:45	11:15	Coffee Break			
11:15	12:45	KL23: Organ Crosstalk <i>Chairs: Jankowski</i> Keynote: "Impact of post-translational modifications on the organ crosstalk" (Joachim Jankowski, Germany)	AH21: Hemolysis Modeling and Hemodynamic Analysis in Cardiovascular Devices <i>Chairs: Fraser/ Torner/ Korte</i>	LU22: The need for ECLS Minituarization: Artificial Placenta and Small Animal Models <i>Chairs: Arens/ Schoberer/ Heyer</i> Keynote: "Artificial Placenta – where do we stand?" (Mark Schoberer, Germany)	
12:45	14:15	LS23: Lunch Symposium LifeShield Medical Redefining ECCO2R from concept to First in Man – Treating AE-COPD patients with medium-flow devices (Tim Kaufmann, Germany)			
14:15	15:30	AH22: Computational Fluid Dynamics in the Cardiovascular System <i>Chairs: Prah/ Wittberg/ Poloni</i> Keynote: tba (Lisa Prah/ Wittberg, Sweden)	LU23: ECLS Design and Development <i>Chairs: Jansen/ Olla/ Schürmann</i>	HE23: Human Machine Interaction & Hemocompatibility <i>Chairs: Schima/ Fresiello/ Escher</i>	
15:30	16:15	Poster Session & Coffee Break			
16:30	17:30	SY25: Bonding/ Sponsor Presentation <i>Chairs: Steinseifer</i>			
17:30	18:30	PL24: PLENARY LECTURE 4 and PD22: PLENARY DISCUSSION 2 Attractiveness of the EU Landscape for International Medical Device Manufacturers <i>Chairs: Akra/ Steinseifer</i> 7 Years post publication of the EU Medical Device Regulation (Bassil Akra; Germany) Industry Vision: What needs to be changed? (Dr. Christina Ziegenberg, BVMed, Germany) Needs of Notified Bodies towards ensuring reasonable and predictable implementation of EU Rules (Françoise Schlemmer, TEAM NB The European Association for Medical devices of Notified Bodies, Belgium)			
19:00	20:00	GALA DINNER WELCOME - TOWN HALL			
20:00	23:00	GALA DINNER - CORONATION HALL Welcome Words ESAO President / Congress President (Ulrich Steinseifer / Payam Akhyari) Awards Ceremony ESAO PhD Awards SAGE Award yESAO Award Emil Bücherl Award Ceremonial Discussion 50 Years ESAO - Honoring the Past, Empowering the Future (H. Klinkmann & U. Steinseifer)			

WEDNESDAY, September 11, 2024

START	END	EUROPASAAL	K1	K2	FOYER - EXHIBITION AREA
8:30	9:10	PL35: PLENARY LECTURE 5 Artificial Intelligence in Medicine: Curse or Blessing (Blanca Rodriguez; UK) <i>Chairs: Neidlin</i>			Exhibition Posters Bonding Networking Coffee & Soft Drinks
9:15	10:45	BE32: Bioengineering Tools to enhance Functional Outcom <i>Chairs: Müller/ Akhyari/ Vaca</i>	AH33: Machine Learning in Cardiovascular and ECMO Research <i>Chairs: Sonntag/ Neidlin/ Korte</i> Keynotes: "Challenges in data and AI: The clinician's perspective" (Sebastian Fritsch, Germany)	MT33: Thrombogenicity and Hemodynamics of Medical Devices <i>Chairs: Jacobs/ Clauser/ Schürmann</i> Keynote: Preclinical in-vivo testing of mechanical support systems (Bart Meyns, Belgium)	
10:45	11:15	Coffee Break			
11:15	12:45	AWARDS SESSION <i>Chairs: Stamatialis/ Steinseifer</i>	KL34: Innovations for Improving Treatment of CKD <i>Chairs: Remuzzi/ Argiles</i> Keynote: "Novel clinical aspects of CKD: the burden of vascular calcification and new endeavours for its prevention and treatment" (Angel Argiles, France)	SY36: Ears & Eyes Symposium <i>Chairs: Walter/ Lenarz</i>	
12:45	13:30	CLOSING CEREMONY ESAO Best Poster Award: S. Jansen, M. Granegger Closing Remarks: P. Akhyari, J. Jankowski, U. Steinseifer			