

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

START	END	Universitätsklinikum - Lecture Hall 4
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	
16:30	19:00	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)			
19:00	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 <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: Stamatalis/ Masereeuw</i> Keynote: Do drugs and uremic toxins compete for renal clearance and exacerbate comorbidities? (Roos Masereeuw, Netherlands)	
10:45	11:15	Coffee Break			
11:15	12:45	LU11: (Pre-) clinical applications <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: tba</i>	
12:45	14:00	Lunch Break			
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	Poster Session 1 & Coffee Break			
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	ESAO GENERAL ASSEMBLY			
20:00	21:30	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>			

TUESDAY, September 10, 2024

START	END	EUROPASAAL	K1	K2	FOYER - EXHIBITION AREA
8:30	9:10	PL23: PLENARY LECTURE 3 tba (Thorsten Sieß, Germany) <i>Chairs: Akhyari</i>			<p align="center"> Exhibition Posters Bonding Networking Coffee & Soft Drinks </p>
9:15	10:45	HE22: Pediatric Heart Support & New Devices <i>Chairs: tba/ 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/ Bierwirth</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			
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 2 & Coffee Break			
16:30	17:30	SY25: Sponsor Presentation / Bonding <i>Chairs: Steinseifer</i>			
17:30	18:00	PL24: PLENARY LECTURE 4 Disadvantage Europe ? - The Medical Device Regulations (Bassil Akra; Germany) <i>Chairs: Akra/ Steinseifer</i>			
18:00	18:30	PD22: PLENARY DISCUSSION MDR 2.0: What is needed to catch up ? (Moderated by Bassil Akra; Germany)			
19:00	20:00	GALA DINNER WELCOME RECEPTION - TOWN HALL			
20:00	23:00	<p align="center"> GALA DINNER - CORONATION HALL Welcome Words ESAO President / Congress President (Ulrich Steinseifer / Payam Akhyari) </p> <p align="center"> Awards Ceremony ESAO PhD Awards SAGE Award yESAO Award Emil Bücherl Award </p> <p align="center"> Ceremonial Lecture 50 Years ESAO - History meets Future (Horst Klinkmann) Roundtable Discussion - Klinkmann & Steinseifer </p>			

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: tba</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			