



American Heart Association®
Resuscitation Science

Resuscitation Science Symposium 2021: A Virtual Experience
Final Program

<i>Posted times are Eastern US Time</i>	Friday, November 12
6:30-8:30 PM	<p>ReSS.AW.01 ReSS Young Investigator Networking Event <i>Live via Zoom</i></p> <p>Moderators Sachin Agarwal, New York NY Cindy Hsu, Ann Arbor, MI</p> <p>Featured Presenter A Roadmap for Equity in Resuscitation Outcomes: Barriers, Opportunities, and Future Directions Marina del Rios, University of Illinois at Chicago, Chicago, IL</p>
9:00-10:00 PM	<p>ReSS.JS.01 Joint AHA/Japanese Circulation Society Session <i>Live via Zoom</i></p> <p>Moderators Takanori Ikeda, Toho University Medical Center, Tokyo, Japan David Gaieski, Thomas Jefferson University, Philadelphia, PA</p> <p>TTM and Post Arrest Injury Severity in the US Clifton Callaway, University of Pittsburgh, Pittsburgh, PA</p> <p>Recent Experience with TTM Tailored to Injury Severity Mitsuaki Nishikimi, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan</p> <p>Tailoring TTM for Non-arrest Brain Injury Karen Hirsch, Stanford University, Stanford, CA</p>

	Tailoring TTM in ECPR and Post Arrest ECMO: Strategies for Upcoming RCTs Yasuhiro Kuroda, Kagawa University, Kagawa, Japan
<i>Posted times are Eastern US Time</i>	Saturday, November 13
8:00–9:15 AM	<p>ReSS PL.01 Symposium Opening Welcome and Introduction Plenary Session 1: Updates in Post-arrest Targeted Temperature Management (TTM) Live via Virtual Platform</p> <p>Moderators Maaret Castren, Helsinki University Hospital, Helsinki, Finland Yew Woon Chia, Singapore</p> <p>Welcome Remarks Benjamin Abella, University of Pennsylvania, Philadelphia, PA</p> <p>The TTM2 Trial and Implications for Care Niklas Nielsen, Helsingborg Hospital, Lund University, Helsingborg, Sweden</p> <p>The Potential Role for TTM at 33C: Real-world Experience Nicholas Johnson, Harborview Medical Center, Seattle, WA</p> <p>Post-arrest Normothermia as a Possible New Standard Jerry Nolan, University of Bristol, Royal United Hospital, Bath, UK</p> <p>Pediatric Perspectives on Post-arrest TTM Alexis Topjian, Children’s Hospital of Philadelphia, Philadelphia, PA</p>
9:15–9:30 AM	<p>Plenary Session 1 Q&A Discussion <i>Live via Zoom</i></p>
9:30–10:00 AM	<p>ReSS.AW.02 ReSS Awards <i>Live via Zoom</i></p> <p>Moderators Michael W. Donnino, Beth Israel Deaconess Medical Center, Boston, MA Sarah M. Perman, University of Colorado, Aurora, CO</p> <p>Lifetime Achievement Award in Cardiac Resuscitation Science Recipient Kazuo Okada, Japanese Resuscitation Council, Tokyo, Japan</p>

	<p>Ian G. Jacobs Award for International Group Collaboration to Advance Resuscitation Science The Comprehensive Registry of Intensive care for OCHA Survival Study (the CRITICAL Study), Taku Iwami, Kyoto, Japan</p> <p>ReSS Champion Award Mary Newman, Sudden Cardiac Arrest Foundation, Pittsburgh, PA</p>
<p><i>Saturday</i> 10:00-11:00 AM</p>	<p>ReSS AOS.05B Oral Abstract Session: Post-arrest Care Beyond TTM <i>OnDemand Pre-recorded Broadcast</i></p> <p>Abstract # RO1 Changes in Cytokine Responses by Treatment with Tocilizumab After Out-of-Hospital Cardiac Arrest - A Sub Study of the IMICA Trial Martin A Meyer, Dept of Cardiology, Rigshospitalet, Copenhagen, DK-2100, Denmark; Mette Bjerre, Medical Res Lab, Dept of Clinical Med, Aarhus Univ, Aarhus, Denmark; Sebastian Wiberg, Johannes Grand, Anna Sina P Meyer, Laust E Obling, Jesper Kjaergaard, Christian Hassager, Dept of Cardiology, Rigshospitalet, Copenhagen, Denmark</p> <p>Abstract # RO2 Real-Time Nanopore Sequencing for Bacterial Pneumonia After Out-of-Hospital Cardiac Arrest, a Pilot Proof-of-Concept Study Alexandra Weissman, Univ of Pittsburgh, Pittsburgh, PA; Mariam Bramah Lawani, Rutgers Univ/Robert Wood Johnson, New Brunswick, NJ; Thomas Rohan, Univ of Pittsburgh, Pittsburgh, PA; Clifton W CALLAWAY, UNIVERSITY PITTSBURGH, Pittsburgh, PA</p> <p>Abstract # RO3 Personalizing Outcomes After Child Cardiac Arrest (POCCA): A Preliminary Biomarker Report Ericka L Fink, UPMC CHILDRENS HOSPITAL of PITTSBURGH, Pittsburgh, PA; Patrick M. Kochanek, Safar Ctr for Resus Res, Pittsburgh, PA; Ashok Panigrahy, Children's Hosp of Pittsburgh, Pittsburgh, PA; Sue R. Beers, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Rachel P. Berger, UPMC CHILDRENS HOSPITAL of PITTSBURGH, Pittsburgh, PA; HULYA BAYIR, UPMC, Pittsburgh, PA; Chunyan Wang, Univ of Pittsburgh, Pittsburgh, PA; Jose Pineda, Children's Hosp of Los Angeles, Los Angeles, CA; Alexis A Topjian, CHILDRENS HOSPITAL PHILADELPHIA, Wynnewood, PA; aline maddux, Univ of Colorado, Denver, CO; Frederick Willyerd, Phoenix Children's Hosp, Phoenix, AZ; Elizabeth A Hunt, The Johns Hopkins Univ, Baltimore, MD; Melissa G Chung, NATIONWIDE CHILDRENS HOSPITAL, Columbus, OH; Christopher Newth, Children's Hosp of Los Angeles, Los Angeles, CA; Lincoln Smith, Seattle Children's Hosp, Seattle, PA; Leslie Doughty, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; J Wesley Diddle, Natl Children's Hosp, Washington, D.C., DC; Juan Piantino, Doernbecher Children's Hosp, Portland, OR; Karen Hallermeier Walson, Children's Healthcare of Atlanta, Atlanta, GA; Binod Balakrishnan, Medical Coll of Wisconsin, Wauwatosa, WI; Stuart Friess, Washington Univ St Louis, Saint Louis, MO; Ashley Siems, Johns Hopkins Children's Ctr, Baltimore, MD; Robert M Clark, UPMC CHILDRENS HOSPITAL of PITTSBURGH, Pittsburgh, PA; Anthony Fabio, Univ of Pittsburgh, Pittsburgh, PA; POCCA Investigators</p>

	<p>Abstract # RO4 Prevalence and Patterns of Injury Detected by Head-to-Pelvis Sudden Death Computed Tomography Following Cardiopulmonary Resuscitation</p> <p>Aris Karatasakis, Basar Sarikaya, Linda Liu, Martin Gunn, Peter J Kudenchuk, Medley Gatewood, Michael R Sayre, Catherine Counts, David Carlbom, Univ of Washington, Seattle, WA; Rachel M Edwards, Univ of Washington, SEATTLE, WA; Kelley R Branch, Univ of Washington, Seattle, WA</p> <p><i>Presenting author is noted in bold text</i></p>
<p><i>Saturday</i> 11:00 AM</p>	<p>Moderated Digital Posters and ePoster Viewing Available</p>
<p><i>Saturday</i> 12:00-1:00 PM</p>	<p>RS.LS.01 Women in Resuscitation Workshop <i>Live via Zoom</i></p> <p><i>"Academic Medicine is stressful and overwhelming and promotion to Professor is impossible. No wonder everyone is burning out."</i> Is that true? Is any of that true? What if all those thoughts are optional? What if Academic Medicine could be AWESOME? What if Academic Medicine is the single most fulfilling job out there?! This is all available to you. Let's get started!</p> <p>Moderators Katherine Berg, Beth Israel Deaconess Medical Center, Boston, MA Anne Grossestreuer, Beth Israel Deaconess Medical Center, Boston, MA</p> <p>Featured Presentation The KEYS to Academic Promotion and a Joyful Life in Academic Medicine Elizabeth Hunt, Professor, Johns Hopkins University, Intensivist, Life and Leadership Coach, Baltimore, MD</p>
<p><i>Saturday</i> 1:00 PM</p>	<p>Moderated Digital Posters and ePoster Viewing Available</p>
<p><i>Saturday</i> 2:00-3:00 PM</p>	<p>ReSS AOS.05A Oral Abstract Session: New Insights for Intra-arrest Management <i>OnDemand Pre-recorded Broadcast</i></p> <p>Abstract #RO5 Antiarrhythmic Use and the Posterior Probability of Neurologically Intact Survival in a Reanalysis of the Amiodarone, Lidocaine or Placebo Study in Out-of-Hospital Cardiac Arrest</p>

	<p>Frederick J Brown, Washington Univ Sch of Med, St. Louis, MO; Steven E Rigdon, Saint Louis Univ, St. Louis, MO; David L Brown, Washington Univ, Saint Louis, MO</p> <p>Abstract #RO6 Association of Intra-Arrest Transport versus Continued On-scene Resuscitation with Survival to Hospital Discharge Among Pediatric Patients with Out-of-Hospital Cardiac Arrest</p> <p>Masashi Okubo, Univ of Pittsburgh, Pittsburgh, PA; Sho Komukai, Osaka Univ, Suita, Japan; Junichi Izawa, Okinawa Prefectural Yaeyama Hosp, Ishigaki, Japan; Ian Drennan, Univ of Toronto, Tronto, ON, Canada; Brian Grunau, Univ of British Columbia, Vancouver, BC, Canada; Thomas Rea, Univ of Washington, Seattle, WA; Clifton W Callaway, University of Pittsburgh, Pittsburgh, PA</p> <p>Abstract # RO7 Early Compared to Late Administration of Epinephrine in Adults With Shockable Initial Rhythm Out-of-Hospital Cardiac Arrest</p> <p>Shengyuan Luo, Rush Univ Medical Ctr, Chicago, IL; Liwen Gu, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Wanwan Zhang, Sun Yat-sen Univ, Guangzhou; Yongshu Zhang, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Wankun Li, Feipeng Qiu, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Guanchun Zhang, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Jun Tao, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Yan Xiong, UT Southwestern Medical Ctr, Dallas, TX; Ahamed H Idris, UT Southwestern Medical Center, Dallas, TX</p> <p>Abstract # RO8 Does Targeted Temperature Management Modify the Association Between Increasing Epinephrine Dose and Survival Outcomes Following Out-of-Hospital Cardiac Arrest?</p> <p>Betty Yang, Natalie Bulger, Univ of Washington, Seattle, WA; Richard Chocron, Descarte Paris Univ, Paris, France; Catherine Counts, Univ of Washington, Seattle, WA; Christopher Drucker, King County EMS, Seattle, WA; Nona Sootedehnia, Univ of Washington, Seattle, WA; Peter Kudenchuk, Univ of Washington; Michael R Sayre, Thomas Rea, Univ of Washington, Seattle, WA</p> <p><i>Presenting author is noted in bold text</i></p>
<p><i>Saturday</i> 3:00-4:00 PM</p>	<p>ReSS PL.02 Plenary Session 2: New Directions in Intra-arrest Management <i>Live via Virtual Platform</i></p> <p>Moderators Theresa Olasveengen, Oslo University Hospital, Oslo, Norway Brian J. Oneil, Wayne State University, Clarkston, MI</p> <p>Pharmacologic Approaches to ACLS Lars Andersen, Aarhus University and Aarhus University Hospital, Aarhus, Denmark</p>

	<p>Defibrillation Dosing during Resuscitation Care Peter Kudenchuk, University of Washington, Seattle, WA</p> <p>CPR and ACLS in the COVID19 Patient Dana Edelson, University of Chicago, Chicago, IL</p> <p>Intra-arrest ECMO: Report on the NIH eCPR Consensus Meeting Tom Aufderheide, Medical College of Wisconsin, Milwaukee, WI</p>
<p><i>Saturday</i> 9:15-9:30 AM</p>	<p>Plenary Session 3 Q&A Discussion <i>Live via Zoom</i></p>
<p><i>Posted times are Eastern US Time</i></p>	<p>Sunday, November 14</p>
<p>8:00-9:00 AM</p>	<p>ReSS AOS.03 Late-Breaking Resuscitation Science Oral Abstracts <i>Live via Virtual Platform</i></p> <p>Moderators Monica Kleinman, Boston Children's Hospital, Boston, MA Robert Neumar, University of Michigan, Ann Arbor, MI</p> <p>Abstract # RO13 Emergency Versus Delayed Coronary Angiogram In Survivors Of Out-Of-Hospital Cardiac Arrest Without ST Segment Elevation: Results Of The EMERGE Trial Christian Spaulding, Caroline Hauw-Berlemont, European Hosp Georges Pompidou, Paris, France; Lionel Lamhaut, Hôpital Necker, Paris, France; Jean-Luc Diehl, European Hosp Georges Pompidou, Paris, France; Christophe Andreotti, Olivier Varenne, Hôpital Cochin, Paris, France; Pierre Leroux, Jean Baptiste Lascarrou, Patrice Guerin, CHU de Nantes, Nantes, France; Thomas Loeb, Hôpital Raymond Poincaré, Garches, France; Eric Roupie, Cedric Daubin, Farzin Beygui, CHU de Caen, Caen, France; Gilles Chatellier, Aurélie Vilfaillot, Sophie Glippa, Juliette Djadi-Prat, European Hosp Georges Pompidou, Paris, France; Alain Cariou, Hôpital Cochin, Paris, France</p> <p>Abstract # RO14 Text-message Dispatched Volunteer Rescuers Collecting An AED First Improve Survival Of Patients With Cardiac Arrest At Home With Ventricular Fibrillation Remy Stieglis, Amsterdam UMC, Academic Medical Ctr, Amsterdam, Netherlands; Jolande A. Zijlstra, Health-Holland, Den Haag, Netherlands; Aeilko H Zwinderman, Marieke T. Blom, Rudolph W Koster, Amsterdam UMC, Academic Medical Ctr, Amsterdam, Netherlands</p>

Abstract # RO15

A Randomized Trial Of A Physiologic-Directed Point-of-Care Training And Debriefing Intervention For Cardiac Arrest

Robert M Sutton, Heather A Wolfe, The Children's Hosp of Philadelphia, Philadelphia, PA; Ron W Reeder, Univ of Utah, Salt Lake City, UT; Tagledin Ahmed, Children's Hosp of Michigan, Detroit, MI; Michael Bell, Children's Natl Hosp, Washington, DC; Robert Bishop, Children's Hosp of Colorado, Aurora, CO; Matthew Bochkoris, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Candice Burns, Washington Univ Sch of Med, St. Louis, MO; Joseph Carcillo, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Todd Carpenter, Children's Hosp Colorado, Aurora, CO; J Michael Dean, Univ of Utah, Salt Lake City, UT; J Wesley Diddle, Children's Natl Hosp, Washington, DC; Myke Federman, Mattel Children's Hosp, Los Angeles, CA; Richard Paul Fernandez, Nationwide Children's Hosp, Columbus, OH; Ericka L Fink, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Deborah Franzon, Benioff Children's Hosp, San Francisco, CA; Aisha Frazier, Nemours/Alfred I. duPont Hosp for Children, Wilmington, DE; Stuart H Friess, Washington Univ Sch of Med, Saint Louis, MO; Kathryn Graham, The Children's Hosp of Philadelphia, Philadelphia, PA; Mark Hall, Nationwide Children's Hosp, Columbus, OH; David Hehir, The Children's Hosp of Philadelphia, Philadelphia, PA; Christopher Horvat, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Leanna L Huard, Mattel Children's Hosp, Los Angeles, CA; William P Landis, Children's Hosp of Philadelphia, Philadelphia, PA; Tensing Maa, Nationwide Children's Hosp, Columbus, OH; Arushi Manga, Washington Univ Sch of Med, St. Louis, MO; Patrick McQuillen, Benioff Children's Hosp, San Francisco, CA; Kathleen Meert, Children's Hosp of Michigan, Detroit, PA; Ryan W Morgan, Children's Hosp of Philadelphia, Philadelphia, PA; Peter Mourani, Children's Hosp Colorado, Aurora, CO; Vinay M Nadkarni, Maryam Y Naim, The Children's Hosp of Philadelphia, Philadelphia, PA; Daniel Notterman, Princeton Univ, Princeton, NJ; Chella A Palmer, Univ of Utah, Salt Lake City, UT; Murray Pollack, Children's Natl Hosp, Washington, DC; anil sapru, Mattel Children's Hosp, Los Angeles, CA; Carleen Schneiter, Children's Hosp Colorado, Aurora, CO; Matthew Sharron, Children's Natl Hosp, Washington, DC; Ashley Siems, Children's Natl Hosp, Washington, DC; Sarah Tabbutt, Benioff Children's Hosp, San Francisco, CA; Bradley Tilford, Children's Hosp of Michigan, Detroit, MI; Shirley D Viteri, Nemours/Alfred I. duPont Hosp for Children, Wilmington, DE; David L Wessel, Children's Natl Hosp, Washington, DC; Andrew R Yates, Nationwide Children's Hosp, Columbus, OH; Athena Zuppa, Robert A Berg, The Children's Hosp of Philadelphia, Philadelphia, PA

Abstract # RO16

Triiodothyronine Nanoparticles Attenuate Early Post-resuscitation Brain Injury In A Porcine Model Of Cardiac Arrest

Brian R Weil, UNIVERSITY AT BUFFALO, Buffalo, NY; Abigail M Beaver, Elizabeth A Slabinski, Northeast Ohio Medical Univ, Rootstown, OH; Kimberly Wong, Beth Palka, Univ at Buffalo, Buffalo, NY; Shaker A Mousa, Pharmaceutical Res Inst at Albany Coll of Pharmacy and Health Sciences, Albany, NY; Jeffrey G Mellott, Northeast Ohio Medical Univ, Rootstown, OH

Abstract # RO17

In-hospital Cardiac Arrest Survival In Covid-19 Patients

Saket Girotra, UNIVERSITY IOWA, Iowa City, IA; Maya Lynn Chan, Pembroke High Sch, Kansas City, MO; Monique A Starks, Duke Univ, Durham, NC; Matthew M Churpek, Univ of Wisconsin- Madison, Waunakee, WI; Paul S Chan, MID AMERICA HEART INSTITUTE, Kansas City, MO

	<i>Presenting author is noted in bold text</i>
<i>Sunday</i> 9:00-9:15 AM	Late-Breaking Resuscitation Science Q&A Discussion <i>Live via Zoom</i>
<i>Sunday</i> 9:30-10:30 AM	<p>ReSS PL.03 Plenary Session 3: Survivorship – Current Needs and Knowledge Gaps <i>Live via Virtual Platform</i></p> <p>Moderators Melissa Parker, McMaster University, Hamilton, ON, Canada Kelly Sawyer, University of Pittsburgh, Pittsburgh, PA</p> <p>The Post-ICU Experience for Arrest Survivors Sachin Agarwal, Columbia University Medical Center, New York, NY</p> <p>The Forgotten Stakeholders in Brain Injury: Family and Providers Susanne Muehlschlegel, University of Massachusetts Medical School, Worcester, MA</p> <p>ICDs - Indication and Long-term Management Sana Al-Khatib, Duke University Medical Center, Durham, NC</p> <p>Survivorship Samantha Fernandez, Baylor College of Medicine, Houston, TX</p>
<i>Sunday</i> 10:30-10:45 AM	Plenary Session 3 Q&A Discussion <i>Live via Zoom</i>
<i>Sunday</i> 11:00 AM-12:00 PM	<p>ReSS AOS.04 Oral Abstracts and Presentation of the Max Harry Weill Award Lecture <i>OnDemand Pre-recorded Broadcast</i></p> <p>Max Harry Weill Award for Resuscitation Science: Machine Learning Model for Predicting Out-of-hospital Cardiac Arrests Using Meteorological and Chronological Data Takahiro Nakashima, University of Michigan, Ann Arbor MI</p> <p>Abstract # RO19 Hispanics/Latinos Lack Access to Hospitals With Therapeutic Hypothermia Programs Following Out-of-Hospital Cardiac Arrest</p> <p>Nicholas Morris, Michael Mazzeffi, Patrick McArdle, Univ of Maryland Sch of Med, Baltimore, MD; Teresa May, Maine Medical Ctr, Portland, ME; Greer Waldrop, Columbia Univ Vagelos Coll of Physicians and Surgeons, New</p>

	<p>York, NY; Sarah A Perman, UNIV OF COLORADO SCH OF MED, Aurora, CO; James F Burke, Univ of Michigan, Ann Arbor, MI; Steven M Bradley, MINNEAPOLIS HEART INSTITUTE, Minneapolis, MN; Sachin Agarwal, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY; Jose F. Figueroa, Harvard T. H. Chan Sch of Public Health, Boston, MA; Neeraj Badjatia, Univ of Maryland Sch of Med, Baltimore, MD</p> <p>Abstract # RO20 Long-Term Trends in the Incidence and Outcome of Refractory and Non-Refractory Ventricular Fibrillation Cardiac Arrest</p> <p>Ziad Nehme, Emily Andrew, Jocasta Ball, Karen Louise Smith, Ambulance Victoria, Blackburn North, Australia</p> <p>Abstract # RO21 Activation of Citizen Responders to Out-of-Hospital Cardiac Arrest: Temporal Changes During the COVID-19 Outbreak in Denmark 2020</p> <p>Mads Christian Tofte Gregers, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Linn Andelius, Copenhagen Emergency Medical Services, Univ of Copenhagen, Copenhagen, Denmark; Carolina Malta Hansen, Astrid Marie Rolin Kragh, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Christian Torp-Pedersen, Dept of Cardiology and Clinical Res, Hillerød, Denmark; Helle Collatz Christensen, Copenhagen Emergency Medical ServicesCopenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Julie Kjoelbye, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Ulla Væggemose, Dept of Res and Development, Prehospital Emergency Medical Services, Aarhus, Denmark; Erika Frischknecht Christensen, CPER - Ctr for Prehospital and Emergency Res, Inst for Clinical Med, Aalborg Univ and Aalborg Univ Hosp, Aalborg, Denmark; Fredrik Folke, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark</p> <p>Abstract # RO22 Long-Term Outcomes in Post-Cardiac Arrest Patients With Severe Functional Disability at Hospital Discharge</p> <p>Amy Xiao, Patrick J Coppler, Clifton W Callaway, Univ of Pittsburgh, Pittsburgh, PA</p> <p><i>Presenting author is noted in bold text</i></p>
<p><i>Sunday</i> 12:00-1:00 PM</p>	<p>ReSS PL.04 Plenary Session 4: The Year in Review and ILCOR Update <i>Live via Virtual Platform</i></p> <p>Moderators Tom Aufderheide, Medical College of Wisconsin, Milwaukee, WI Mary Fran Hazinski, Vanderbilt University, Nashville, TN Laurie Morrison, Rescu Li Ka Shing Knowledge Inst, St. Michael's Hospital, Toronto, ON, Canada</p> <p>Year in Review - Adults Lance Becker, Northwell Health, Manhasset, NY</p>

	<p>Year in Review - Pediatrics Dianne Atkins, University of Iowa, Iowa City, IA</p> <p>ILCOR Update Katherine Berg, Beth Israel Deaconess Medical Center, Boston, MA</p>
<p><i>Sunday</i> 1:00-1:15 PM</p>	<p>Plenary Session 4 Q&A Discussion <i>Live via Zoom</i></p>
<p><i>Sunday</i> 2:00-3:00 PM</p>	<p>ReSS AOS.06A Oral Abstract Session: Developments in ECPR and ECMO <i>OnDemand Pre-recorded Broadcast</i></p> <p>Abstract # RO23 Immediate Percutaneous Coronary Intervention in Patients with Refractory Out of Hospital Cardiac Arrest Daniel Rob, Arles Kral, Jana Smalcova, Tomas Kovarnik, David Zamanek, Ondrej Smid, Petra Kavalkova, Charles Univ and General Univ Hosp, Prague, Czech Republic; Michael Huptych, Czech Inst of Informatics, Robotics and Cybernetics, Czech Technical Univ, Prague, Czech Republic; Arnost Komarek, Charles Univ, Prague, Czech Republic; Jan Belohavek, Charles Univ and General Univ Hosp, Prague, Czech Republic</p> <p>Abstract # RO24 Supraglottic Airway Devices Are Associated With Asphyxial Physiology Upon Arrival for ECPR in Patients With Refractory OHCA Treated With Prolonged CPR Jason Bartos, Arianne Agdamag, Rajat Kalra, Univ of Minnesota, Minneapolis, MN; Lindsay Nutting, Univ of MN Medical Ctr, Minneapolis, MN; Ralph J Frascione, Regions Hosp, Oakdale, MN; Aaron M Burnett, REGIONS HOSPITAL EMS, Oakdale, MN; Nik Vuljaj, Fairview Healthcare System, Minneapolis, MN; Charles Lick, Allina Health, Hopkins, MN; Peter Jan Tanghe, Allina Health System, St. Paul, MN; Paul Nystrom, Hennepin Healthcare, Minneapolis, MN; Ryan Quinn, Hennepin Healthcare, Edina, MN; Nick Simpson, Hennepin Healthcare, Minneapolis, MN; Bjorn Peterson, Kari Haley, Regions Hosp, St.Paul, MN; Kevin Sipprell, Ridgeview Medical Ctr, Waconia, MN; Demetris Yannopoulos, UNIVERSITY OF MINNESOTA, Minneapolis, MN</p> <p>Abstract # RO25 Impact of Leukocyte Filtration and Leukocyte Modulation on Recovery of Heart Function After Prolonged Cardiac Arrest Treated With ECPR in a Porcine Model Jensyn VanZalen, ECLS Lab Univ of Michigan, Ann Arbor, MI; Takahiro Nakashima, Univ of Michigan, Ann Arbor, MI; Annie Phillips, ECLS Lab Univ of Michigan, Ann Arbor, MI; Joseph Hill, Univ of Michigan, Ann Arbor, MI; Alyssa Enciso, Olivia Pak, ECLS Lab Univ of Michigan, Ann Arbor, MI; Stephen Harvey, Univ of Michigan Health Syste, Ann Arbor, MI; Keenan Longan, ECLS Lab Univ of Michigan, Ann Arbor, MI; Robert Bartlett, Univ of Michigan, Ann Arbor, MI; Alvaro Rojas-Pena, Univ of Michigan, Ann Arbor, Colombia; Robert W Neumar, UNIV OF MICHIGAN HEALTH SYSTEM, Ann Arbor, MI</p>

	<p>Abstract # RO26 Early Lactate Clearance is Associated With Survival in a National Cohort of Refractory Out-of-Hospital Cardiac Arrest Patients Managed With Extracorporeal Cardiopulmonary Resuscitation</p> <p>Emilie Gregers, Rigshospitalet, Copenhagen, Denmark; Louise Linde, Odense Univ Hosp, Odense, Denmark; Sivagowry Moerk, Aarhus Univ Hosp, Aarhus, Denmark; Jo B Andreasen, Aalborg Univ Hosp, Aalborg, Denmark; morten smerup, Jesper Kjaergaard, Peter Hasse Moeller-Soerensen, lene holmvang, Rigshospitalet, Copenhagen, Denmark; CHRISTIAN juhl J TERKELSEN, Mariann Tang, steffen christensen, Aarhus Univ Hosp, Aarhus, Denmark; Jacob E Moller, Jens Flensted Lassen, Odense Univ Hosp, Odense, Denmark; Matilde Winther-Jensen, Frederiksberg and Bispebjerg Hosp, Copenhagen, Denmark; Sisse Thomassen, Helle Laugesen, Aalborg Univ Hosp, Aalborg, Denmark; Christian Hassager, Helle Soeholm, Rigshospitalet, Copenhagen, Denmark</p> <p><i>Presenting author is noted in bold text</i></p>
<p><i>Sunday</i> 3:30-4:30 pm</p>	<p>ReSS PL.05 Plenary Session 5: Special Circumstances in Resuscitation <i>Live via Virtual Platform</i></p> <p>Moderators Oscar Mitchell, Penn Medicine, Wynnewood, PA Alexis Steinberg, University of Pittsburgh, Pittsburgh, PA</p> <p>Maternal Cardiac Arrest Carolyn Zelop, The Valley Hospital and NYU School of Medicine, Paramus, NJ</p> <p>Physiologic and Metabolic Directed Resuscitation Todd Kilbaugh, Children’s Hospital of Philadelphia, Philadelphia, PA</p> <p>Neuroprognostication in a Changing Landscape Karen Hirsch, Stanford University, Stanford, CA</p> <p>Cardiac Arrest and Massive Pulmonary Embolism James Horowitz, NYU Langone Health, Brooklyn, NY</p>
<p><i>Sunday</i> 4:30-4:45 pm</p>	<p>Plenary Session 5 Q&A Discussion <i>Live via Zoom</i></p>
<p><i>Sunday</i> 5:00-6:00 pm</p>	<p>ReSS AOS.01: Best of the Best Oral Abstract Presentations <i>Live via Virtual Platform</i></p> <p>Moderators Chika Nishiyama, Kyoto University, Kyoto, Japan Raul Gazmuri, Rosalind Franklin University, Chicago, IL</p>

	<p>Presentation #RO27 Prevalence of Inappropriate Defibrillation Attempts During Pediatric In-Hospital Cardiac Arrest</p> <p>James M Gray, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Tia T Raymond, Medical City Children's Hosp, Dallas, TX; Dianne L Atkins, Univ of Iowa, Iowa City, IA; Ken Tegtmeyer, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Dana Erika Niles, Vinay M Nadkarni, Children's Hosp of Philadelphia, Philadelphia, PA; Maya Dewan, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; the PediRES-Q Investigators</p> <p>Presentation # RO28 Novel Peptide for Cardiopulmonary Resuscitation</p> <p>Jing Li, Xiangdong Zhu, Univ of Illinois at Chicago, Chicago, IL; Matt Oberdier, Johns Hopkins Univ, Baltimore, MD; Chunpei Lee, Univ of Illinois at Chicago, Chicago, IL; Misha Granado, Univ of Texas-Houston, Houston, TX; Sarah Fink, Johns Hopkins Univ, Baltimore, AL; Shaoxia Lin, Kevin Qin, CODY JUSTICE, Hajwa Kim, Frederick Damen, Kejia Cai, Univ of Illinois at Chicago, Chicago, IL; Pratik B Doshi, Univ of Texas-Houston, Houston, TX; Henry Wang, The Ohio State Univ, Columbus, OH; Henry R Halperin, Johns Hopkins Univ, Baltimore, MD; Terry L Vanden Hoek, Univ of Illinois at Chicago, Chicago, IL</p> <p>Presentation # RO29 Importance of Preventing Decreased Levels of Lysophosphatidylcholine—DHA in Brain and Plasma for Attenuating Brain Injury After Cardiac Arrest</p> <p>Mitsuaki Nishikimi, Feinstein Insts for Medical Res, Manhasset, NY; Muhammad Shoaib, The Feinstein Inst for Medical, Manhasset, NY; Tomoaki Aoki, FIMR, Northwell Health System, Manhasset, NY; Rishabh Choudhary, NORTHWELL HEALTH, Manhasset, NY; Santiago J Miyara, Feinstein Inst for Medical Res, Manhasset, NY; Tsukasa Yagi, Nihon Univ Hosp, Tokyo; Tai Yin, Nihon Univ Hosp, Tokyo, Manhasset, NY; Lance B Becker, Northwell Health, Manhasset, NY; Junhwan Kim, THE FEINSTEIN INSTITUTE FOR MEDICAL, Manhasset, NY</p> <p>Presentation # RO30 Can Live Video Streaming From Bystander's Smartphone Improve the Quality of Chest Compressions in Real Out-of-Hospital Cardiac Arrest?</p> <p>Gitte Linderøth, Oscar Rosenkrantz, Freddy Lippert, Copenhagen Emergency Medical Services, Copenhagen, Denmark; Doris Oestergaard, Acad for Medical Education and Simulation, CAMES, Copenhagen, Denmark; Annette K. Ersbøll, Natl Inst for Public Health, Copenhagen, Denmark; Christian S. Meyhoff, Dept of Anaesthesia and Intensive Care, Copenhagen Univ Hosp - Bispebjerg and Frederiksberg, Copenhagen, Denmark; Fredrik Folke, Copenhagen Emergency Medical Services, Copenhagen Univ Hosp, Copenhagen, Denmark; Helle C. Christensen, Copenhagen Emergency Medical Services, Copenhagen, Denmark</p> <p><i>Presenting author is noted in bold text</i></p>
<p><i>Sunday</i> 6:00-6:15 pm</p>	<p>Best of the Best Oral Abstract Q&A Discussion <i>Live via Zoom</i></p>