MONDAY, July 27

12:30 – 1:00 pm (CST)
BCVS 2020 Scientific Sessions: Opening Welcome
12:30 Opening Remarks from the President of the American Heart Association
    Mitch Elkind, MD, AHA President, New York, New York
12:45 Welcome Remarks from the BCVS Council Chair
    Elizabeth McNally, MD, PHD, BCVS Council Chair, Chicago, Illinois

1:00–2:00 pm
Concurrent Session 1A
Beyond the Heart: Systemic Effects of Pathogenic Cardiac Remodeling
Moderator: John Elrod, PhD, Philadelphia, Pennsylvania

1:00 TBD
    Deepak Srivastava, MD, San Francisco, California
1:15 TBD
    Sarah Faubel, MD, Aurora, Colorado
1:30 TBD
    Howard Jacobs, Tampere, Finland
1:45 Q&A

1:00 – 2:00 pm
Concurrent Session 1B
Cutting-edge Approaches to Targeting Complex Cardiomyopathies
Moderator: Jil Tardiff, MD, PhD, Tucson, Arizona
1:00 TBD
    Brett Colson, MS, Tucson, Arizona
1:15 TBD
    Sharlene Day, MD, Ann Arbor, Michigan
1:30 TBD
    Corrado Poggesi, MD, Florence, Italy
1:45  Q&A

2:00 – 3:00 pm
Moderated Poster Session 1A
Poster Professor: Danish Sayed, PhD, Newark, New Jersey
2:00  Abstract 1: TBD

2:07  Abstract 2: TBD
2:14  Abstract 3: TBD
2:21  Abstract 4: TBD
2:28  Abstract 5: TBD
2:35  Abstract 6: TBD
2:42  Q&A

2:00 – 3:00 pm
Moderated Poster Session 1B
Poster Professor: Ravi Shah, MD, Boston, Massachusetts

2:00  Abstract 1: TBD
2:07  Abstract 2: TBD
2:14  Abstract 3: TBD
2:21  Abstract 4: TBD
2:28  Abstract 5: TBD
2:35  Abstract 6: TBD
2:42  Q&A

3:00 – 4:00 pm
Concurrent Session 2A
Cardiovascular Risk Factors-Nicotine Use, Diet and Physical Activities as Modulators

Moderator: Loren Wold, PhD, Columbus Ohio

3:00  TBD
   Aruni Bhatnagaar, PhD, Louisville, Kentucky
3:15  TBD
   Naomi Hamburg, MD, Boston, Massachusetts
3:30  TBD
   Jason Gardner, PhD, New Orleans, Louisiana
3:45  Q&A

3:00– 4:00 pm
Concurrent Session 2B
Covid-19 and Cardiovascular Disease
Moderator: TBD

3:00  TBD
Eduardo Marban, MD, Los Angeles, California

3:45  Q&A

4:00 – 5:00 PM
ACS Japanese: Inflammation and Cardiac Remodeling in Heart Failure
Moderator: Junichi Sadoshima, MD, Newark, New Jersey

4:00  TBD
Hideaki Inazumi, MD, Kyoto, Japan
4:15  TBD
Junya Matsuda, MD, PhD, Tokyo, Japan
4:30  TBD
Masayoshi Suda, PhD, Nigata, Japan
4:45  Q&A

4:00 – 5:00 pm
ACS Korean: Cellular and Molecular Mechanisms of Heart Failure
Moderator: Young-sup Yoon, MD, Atlanta, Georgia

4:00  TBD
Jong-ho Kim, PhD, Seoul, Korea
4:15  TBD
Hun-jun Park, MD, Seoul, Korea
4:30  TBD
Chulan Kwon, PhD, Baltimore, Maryland
4:45  Q&A
TUESDAY, July 28

10:00 – 11:00 AM (CST)
Concurrent Session 3A
Molecular Predictors & Markers of Heart Failure Progression
Moderator: Kristine Deleon-Pennell, PhD, Charleston, South Carolina

10:00  Single-cell analysis to dissect heart failure biology
       Seitaro Nomura, MD, Tokyo, Japan
10:15  Top-down proteomics for understanding and diagnosis of heart diseases
       Ying Ge, MD, Madison, Wisconsin
10:30  Pathology-dependent protein-protein interactions as new therapeutic
       Targets of Heart Failure
       Motohiro Nishida, PhD, Fukuoka, Japan
10:45  Q&A

10:00 – 11:00 am
Concurrent Session 3B
Cardiac Effects of Oxidation and Inflammation
Moderator: Ameen Ismahil, PhD, Birmingham, Alabama

10:00  TBD
       Pilar Alcaide, MS, Boston, Massachusetts
10:15  Extracellular vesicles from ischemic cardiomyocytes signal bone marrow
       cells
       Gangjian Qin, MD, Birmingham, Alabama
10:30  TBD
       Dian Cao, MD, Dallas, TX
10:45  Q&A

11:00 am – Noon
Concurrent Session 4A
Apoptosis, Necrosis and Autophagy in Heart Disease
Moderator: Asa Gustafsson, PhD, La Jolla, California

11:00  CaMKII-dependent ryanodine receptor phosphorylation mediates sepsis-
       induced cardiomyocyte apoptosis and contractile dysfunction
       Martin Petroff, PhD, La Plata, Argentina
11:15  The role of mitochondrial calcium in activating the permeability transition
       pore
       Elizabeth Murphy, PhD, Bethesda, Maryland
11:30  TBD
       Derek Hausenloy, PhD, London, England
11:45  Q&A
11:00 am – Noon
Concurrent Session 4B
Novel Pathogenic Pathways in Cardiac Remodeling: Early vs. Late
Moderator: John Calvert, PhD, Suwanee, Georgia

11:00 Molecular mechanisms of myocardial reverse remodeling after myocarditis
Yasushi Fujio, MD, Suita, Japan
11:15 TBD
Ronglih Liao, PhD, Palo Alto, California
11:30 Tsg101 facilitates p62-dependent Keap1 sequestration in cardiomyocytes to protect hearts against oxidative damage
Guo-chang Fan, PhD, Cincinnati, Ohio
11:45 Q&A

Noon – 1:00 PM
General Session 5: Keynote Lecture
All is in Flux: Cardiac Metabolism in Transition
Moderator: Ivor Benjamin, MD, Milwaukee, Wisconsin

Noon Heinrich Taegtmeyer, MD, Houston, Texas
12:45 Q&A

1:00 – 1:30 pm
Break

1:30 – 2:30 PM
Early Career Session
Amplify the Signal, Not the Noise
Moderator: Priscila Sato, PhD, Philadelphia, Pennsylvania

1:30 TBD
Gary Keller, BS, Chicago, Illinois
1:50 TBD
Michael Kennedy, PhD, Chicago, Illinois
2:15 Q&A

1:30 – 2:30 PM
ACS SAHA: Research Advances to Treat Heart Failure
Moderator: Sathyamangla Naga Prasad, PhD, Cleveland, Ohio

1:30 TBD
Hemal Patel, PhD, San Diego, California
1:45 TBD
Farah Sheikh, PhD, La Jolla, California
2:00 TBD
Saumya Das, MD, PhD, Boston, Massachusetts

2:15 Q&A

2:30–3:30 PM
Moderated Poster Session 2A
Poster Professor: Jean Bopassa, PhD, UTHealth, San Antonio, Texas

2:30 Abstract 1: TBD
2:37 Abstract 2: TBD
2:44 Abstract 3: TBD
2:51 Abstract 4: TBD
2:58 Abstract 5: TBD
3:05 Abstract 6: TBD
3:12 Q&A

2:30–3:30 PM
Moderated Poster Session 2B
Poster Professor: Joan Heller Brown, PhD, La Jolla, California

2:30 Abstract 1: TBD
2:37 Abstract 2: TBD
2:44 Abstract 3: TBD
2:51 Abstract 4: TBD
2:58 Abstract 5: TBD
3:05 Abstract 6: TBD
3:12 Q&A

3:30 – 4:30 PM
Concurrent Session 6A
Harnessing Precision Medicine to Treat Cardiovascular Disease
Moderator: Renzhi Han, PhD, Columbus, Ohio

3:30 TBD
Lior Zangi, PhD, New York, New York
3:45 TBD
Barbara Casadei, MD, Oxford, England
4:00 TBD
Jennifer Davis, PhD, Seattle, Washington
4:15 Q&A

3:30 – 4:30 PM
Concurrent Session 6B
Novel Animal Models and Translational Insights
Moderator: Martin Petroff, PhD, La Plata, Argentina

3:30 Defining immune mechanisms of HFpEF using a mouse model
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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Location</th>
<th>Topic</th>
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<tr>
<td>3:45</td>
<td>TBD</td>
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<tr>
<td>4:00</td>
<td>Edward Thorp, PhD, Chicago, IL</td>
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<td>Translational aspects of cardiovascular risk factors for novel therapies</td>
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<td>4:15</td>
<td>Rabea Hinkel, DVM, Munich, DE</td>
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<td>Q&amp;A</td>
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WEDNESDAY, July 29

10:00 – 11:00 AM (CST)
Concurrent Session 7A
HfPEF in Metabolic Diseases
Moderator: Jonathan Kirk, Maywood, Illinois

10:00 Role of iron in cardiovascular disease
Hossein Ardehali, MD, Chicago, Illinois

10:15 TBD
Yajing Wang, MD, PhD, Philadelphia, Pennsylvania

10:30 TBD
Gopal Babu, PhD, Newark, New Jersey

10:45 Q&A

10:00 – 11:00 AM
Concurrent Session 7B
Cardiotoxicity of Cancer Therapeutics: Mechanisms and Potential Therapies
Moderator: Richard Becker, MD, Cincinnati, Ohio

10:00 TBD
Bonnie Ky, MD, Philadelphia, Pennsylvania

10:15 Can cardiomyocyte proliferation impact anthracycline cardiotoxicity?
Loren Field, PhD, Indianapolis, Indiana

10:30 TBD
Carrie Lenneman, MD, Birmingham, Alabama

10:45 Q&A

11:00 AM – Noon
General Session 8
Molecular Mechanisms of Cardiac Hypertrophy (BCVS-HFA Joint Session)
Moderator: Rebekah Gundry, PhD, Omaha, Nebraska

11:00 TBD
Johannes Vogel, PhD, Zurich, Switzerland

11:15 Developmental mechanisms of cardiac hypertrophic growth
Katherine Yutzey, PhD, Cincinnati, Ohio

11:30 Atrial cardiomyopathy in patients with heart failure
Niels Voigt, MD, Gottingen, Germany

11:45 Q&A

11:00 AM – Noon
Workshop 1
Nailing Your Statistics: Rigorous Analysis for Grants & Papers
(hosted by Circulation Research)
Moderator: Jane Freedman, MD, Worchester, Massachusetts

11:00    TBD
    Jennifer Below, PhD, Nashville, Tennessee
11:20    TBD
    Glenn Dillon, PhD, Dallas, Texas
11:45    Q&A

Noon – 12:30 PM
Break

12:30 – 1:30 PM
General Session 9A
Outstanding Early Career Investigator Award Competition
Moderator: Hesham Sadek, MD, PhD, Dallas, Texas

12:30    Oral Abstract 1 – TBD
12:45    Oral Abstract 2 – TBD
1:00     Oral Abstract 3 – TBD
1:15     Q&A

12:30 – 1:30 PM
General Session 9B
Metabolism and Redox Mechanisms in Heart Failure
Moderator: Mahesh Gupta, PHD, Chicago, Illinois

12:30    TBD
    Rajasekaran Namakkal-Soorappan, PhD, Birmingham, Alabama
12:45    Myoglobin regulates cardiomyocyte differentiation
    Sruti Shiva, PhD, Pittsburgh, Pennsylvania
1:00     The gut microbiota modulates cardiac repair and metabolism after
    infarction
    Patrick Hsieh, MD, PhD, Taipei City, Taiwan
1:15     Q&A

1:30 – 2:30 PM
General Session 10 (AHA Zoom)
Women in Science: Go for It
Moderator: Rong Tian, MD, Seattle, Washington

1:30     Lee Ann Piano, Leadership and Empowerment Speaker, Chicago, Illinois
2:15     Q&A

1:30 – 2:30 PM
ACS ACRE
Critical Signaling Pathways in Heart Failure
Moderator: Faqian Li, MD, Minneapolis, Minnesota

1:30 TBD
   Jeff Molkentin, PhD, Cincinnati, Ohio
1:45 Developmental signaling pathways in cardiac repair and regeneration
   Sean Wu, PhD, Stanford, California
2:00 TBD
   Peipei Ping, PhD, Los Angeles, California
2:15 Q&A

2:30 – 3:30 PM
Moderated Poster Session 3A
Poster Professor: Young-sup Yoon, MD, Atlanta, Georgia

2:30 Abstract 1: TBD
2:37 Abstract 2: TBD
2:44 Abstract 3: TBD
2:51 Abstract 4: TBD
2:58 Abstract 5: TBD
3:05 Abstract 6: TBD
3:12 Q&A

2:30 – 3:30 PM
Moderated Poster Session 3B
Poster Professor: Beata Wolska, PhD, Chicago, Illinois

2:30 Abstract 1: TBD
2:37 Abstract 2: TBD
2:44 Abstract 3: TBD
2:51 Abstract 4: TBD
2:58 Abstract 5: TBD
3:05 Abstract 6: TBD
3:12 Q&A

3:30 – 4:30 PM
Concurrent Session 11A
Molecular & Cellular Therapy for Heart Failure
Moderator: Li Qian, PhD, Chapel Hill, North Carolina

3:30 TBD
   Jianyi Zhang, MD, Birmingham, Alabama
3:45 Injectable biomaterials for treating myocardial infarction and heart failure
   Karen Christman, PhD, La Jolla, California
4:00 Molecular control of heart regeneration: insights from platypus, armadillos, bats and whales
Guo Huang, PhD, San Francisco, California

4:15 Q&A

3:30 – 4:30 PM
Concurrent Session 11B
Diastolic & Contractile Dysfunction in Heart Failure
Moderator: John Ralphe, MD, Madison, Wisconsin

3:30 TBD
Jenn Kanter, PhD, Seattle, Washington
3:45 TBD
Julian Stelzer, MSc, Cleveland, Ohio
4:00 TBD
Margaret Westfall, PhD, Ann Arbor, Michigan
4:15 Q&A

4:30 – 5:30 PM
General Session 12
Genomic, Genetic and Epigenetic Mechanism of Heart Failure
Moderator: Susan Cheng, MD, Los Angeles, California

4:30 TBD
Ke Cheng, MD, Raleigh, North Carolina
4:45 TBD
Jennifer Hall, PhD, Minneapolis, Minnesota
5:00 Pathogenic role of senoculesin age-related disorders
Ippei Shimizu, MD, Niigata, Japan
5:15 Q&A

4:30 – 5:30 PM
Workshop 2
The Practice of Biomedical Research: Honesty Transparency and Early Career Funding Opportunities
Moderator: Leslie Leinwand, PhD, Boulder, Colorado

4:30 TBD
Jane Freedman, MD, Worchester, Massachusetts
4:30 TBD
Susan Garfinkel, PhD, Columbus, Ohio
4:45 TBD
Joseph Hill, MD, PhD, Dallas, Texas
5:00 Q&A
THURSDAY, July 30

10:00 – 11:00 AM
Concurrent Session 13A
Extracellular Matrix; Fibroblasts & More
Moderator: Onur Kanisicak, PhD, Cincinnati, Ohio

10:00  Fibroblast-controlled contractile performance of heart muscle
       Wolfram Zimmerman, MD, Göttingen, Germany
10:15  Fibroblasts in cardiac homeostasis and disease
       Michelle Talquist, PhD, Honolulu, Hawaii
10:30  TBD
       Dario Diviani, PhD, Lausanne, Switzerland

10:00 – 11:00 AM
Concurrent Session 13B
Regulation of Small RNAs in Heart Failure
Moderator: Jaunian Chen, PhD, Los Angeles, California

10:00  TBD
       Raj Kishore, PhD, Philadelphia, Pennsylvania
10:15  Activation of endogenous cardiomyocyte proliferation for heart repair
       Yi-gang Wang, MD, PhD, Cincinnati, Ohio
10:30  TBD
       Keith Jones, PhD, Maywood, Illinois
10:45  Q&A

11:00 – Noon
Concurrent Session 14A
Cardiac Arrhythmias: from Basic Mechanisms to Precision Medicine
Moderator: Steven Houser, PhD, Philadelphia, Pennsylvania

11:00  Insights into arrhythmia mechanisms and therapies from cardiac reprogramming
       Stacey Rentschler, MD, St Louis, Missouri
11:15  TBD
       Thomas Hund, PhD, Columbus, Ohio
11:30  TBD
       Francesca Stillitano, PhD, New York, New York
11:45  Q&A

11:00 – Noon
Concurrent Session 14B
Systems Approaches to Cardiac Disease: Novel Mechanisms
Moderator: Chengxue Qin, DPhil, Melbourne, Australia

11:00  TBD
       Christine Mummery, Leiden, Netherlands
11:15        TBD
            Brian O’Rourke, Baltimore, Maryland
11:30        TBD
            Catherine Makarewich, PhD, Cincinnati, Ohio
11:45        Q&A

Noon – 1:00 pm
Moderated Poster Session 4A
Poster Professor: Glenn Rowe, PhD, Birmingham, Alabama

12:00        Abstract 1: TBD
12:07        Abstract 2: TBD
12:14        Abstract 3: TBD
12:21        Abstract 4: TBD
12:28        Abstract 5: TBD
12:35        Abstract 6: TBD
12:42        Q&A

12:00 pm – 1:00 pm
Moderated Poster Session 4B
Poster Professor: Sarah Schumacher, PhD, Cleveland, Ohio

12:00        Abstract 1: TBD
12:07        Abstract 2: TBD
12:14        Abstract 3: TBD
12:21        Abstract 4: TBD
12:28        Abstract 5: TBD
12:35        Abstract 6: TBD
12:42        Q&A

1:00        Conference Adjourns