



ISABS Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine

www.isabs.net **Le Méridien Lav Hotel / Split, June 17-22, 2019**

With the participation of Nobel Laureates



Association of



Program



Registration Desk Hours

Le Méridien Lav Hotel

Sunday, June 16	3:00 p.m. – 8:00 p.m.
Monday, June 17	8:00 a.m. – 5:00 p.m.
Tuesday, June 18	7:30 a.m. – 5:00 p.m.
Wednesday, June 19	7:30 a.m. – 6:00 p.m.
Thursday, June 20	7:30 a.m. – 5:00 p.m.
Friday, June 21	7:30 a.m. – 5:00 p.m.

Exhibit Hall Hours

Le Méridien Lav Hotel

Monday, June 17	8:30 a.m. – 5:00 p.m.
Tuesday, June 18	8:30 a.m. – 5:00 p.m.
Wednesday, June 19	8:30 a.m. – 5:00 p.m.
Thursday, June 20	8:30 a.m. – 5:00 p.m.
Friday, June 21	8:30 a.m. – 5:00 p.m.

English is the official language of the ISABS and its meetings; neither oral nor written translations will be provided. Although precautions are taken to prevent schedule changes, speakers and program schedules may change due to unforeseen circumstances.

As a courtesy to others, meeting attendees are asked to silence their cell phones when attending the sessions.

Sunday, June 16

9:00 a.m. - 12:00 p.m. AAFS and ISABS Introduction to Forensic Sciences (For Students)

9:00 a.m. - 4:00 p.m. Mayo Clinic Short Course on Epigenomics

9:00 a.m. - 12:00 p.m.	Session 1 Fundamentals	Moderator: Keith D. Robertson	Mayo Clinic, Rochester, MN, USA	
9:00 a.m. - 9:30 a.m.		Keith D. Robertson	Mayo Clinic, Rochester, MN, USA	Fundamental mechanisms underlying the regulation of gene transcription
9:30 a.m. - 10:00 a.m.		Julie M. Cunningham	Mayo Clinic, Rochester, MN, USA	Molecular basis of epigenetic control: epigenetic regulation by post-synthetic DNA and RNA modifications
10:00 a.m. - 10:30 a.m.		Raul A. Urrutia	Medical College of Wisconsin, Milwaukee, WI, USA	Molecular basis of epigenetic control: epigenetic regulation through chromatin modifying complexes
10:30 a.m. - 11:00 a.m.		Haojie Huang	Mayo Clinic, Rochester, MN, USA	Molecular basis of epigenetic control: epigenetic regulation by the RNA world
11:00 a.m. - 11:30 a.m.		Alexandre Gaspar-Maia	Mayo Clinic, Rochester, MN, USA	Molecular basis of epigenetic control: chromatin architecture and nuclear organization
11:30 a.m. - 12:00 p.m.		Tamas Ordog	Mayo Clinic, Rochester, MN, USA	Epigenetic states and inheritance: epigenetic inheritance and environmental epigenetics

12:00 p.m. - 1:00 p.m. Break for Lunch + Networking

1:00 p.m. - 4:00 p.m.	Session 2 Applications	Moderator: Keith D. Robertson	Mayo Clinic, Rochester, MN, USA	
1:00 p.m. - 1:30 p.m.		Alexandre Gaspar-Maia	Mayo Clinic, Rochester, MN, USA	Epigenetic states and inheritance: cellular reprogramming
1:30 p.m. - 2:00 p.m.		Jeong-Heon Lee	Mayo Clinic, Rochester, MN, USA	Epigenetics in the lab: epigenomic methodologies
2:00 p.m. - 2:30 p.m.		Hu Li	Mayo Clinic, Rochester, MN, USA	Epigenetics in the lab: bioinformatic analysis of epigenomic data
2:30 p.m. - 3:00 p.m.		Gwen A. Lomberk	Medical College of Wisconsin, Milwaukee, WI, USA	Epigenomics in medicine: epigenetic basis of human disease—Cancer
3:00 p.m. - 3:30 p.m.		Tamas Ordog	Mayo Clinic, Rochester, MN, USA	Epigenomics in medicine: epigenetic basis of human disease—Non-cancer
3:30 p.m. - 4:00 p.m.		Grzegorz S. Nowakowski	Mayo Clinic, Rochester, MN, USA	Epigenomics in medicine: epigenetic pharmacology

4:00 p.m. - 7:30 p.m. 7th Croatian Congress of Human Genetics

Monday, June 17

9:00 a.m. - 10:10 a.m. Opening Ceremony

10:10 a.m. - 12:25 p.m.	Opening Session Opening Plenaries	Moderator: Dragan Primorac	ISABS & *	
10:10 a.m. - 10:55 a.m.		A. Keith Stewart	Mayo Clinic, Scottsdale, AZ, USA	Genome-informed medicine 2019
10:55 a.m. - 11:40 a.m.		Joshua Akey	Princeton University, Princeton, NJ, USA	Archaic human DNA in the genome of modern humans
11:40 a.m. - 12:25 p.m.		James Landers	University of Virginia School of Medicine, Charlottesville, VA, USA	Microfluidics: science, technology, and applications in forensics and medicine

12:25 p.m. - 12:50 p.m. ISABS Millennium Photo

12:50 p.m. - 2:00 p.m. Break for Lunch + Networking

2:00 p.m. - 4:45 p.m.	Oral Session 1: Individualized and Regenerative Medicine	Moderator: Tamas Ordog	Mayo Clinic, Rochester, MN, USA	
2:00 p.m. - 2:25 p.m.		Manolis Kellis	Massachusetts Institute of Technology, The Broad Institute, Cambridge, MA, USA	From genomics to therapeutics: uncovering and manipulating the genomic circuitry of human disease
2:25 p.m. - 2:50 p.m.		Nilufer Ertekin-Taner	Mayo Clinic, Jacksonville, FL, USA	Comparative – omics in neurodegenerative diseases: pathways of convergence and divergence
2:50 p.m. - 3:15 p.m.		John B. Kisiel	Mayo Clinic, Rochester, MN, USA	Liquid biopsy for early detection of cancer: recent advances and key challenges

3:15 p.m. - 3:30 p.m. Break

3:30 p.m. - 3:55 p.m.		Arnold I. Caplan	Case Western Reserve University, Cleveland, OH, USA	Mesenchymal stem cells: time to change the name
3:55 p.m. - 4:20 p.m.		Andre van Wijnen	Mayo Clinic, Rochester, MN, USA	Epigenetics of skeletal development and mesenchymal stem cell differentiation
4:20 p.m. - 4:45 p.m.		Dragan Primorac	ISABS & *	Articular cartilage regeneration: current and future technologies

5:05 p.m. - 10:00 p.m. Conference Social Program

5:05 p.m. - 10:00 p.m. Welcome Mixer and Social Program for Invited Speakers and Guests (By Invitation)

5:45 p.m. - 7:30 p.m. Welcome Mixer for Registered Attendees and Guests (By Registration)

* St. Catherine Specialty Hospital, Zabok, Croatia; Universities of Split, Osijek and Rijeka, Croatia; Children's Hospital Srebrnjak, Zagreb, Croatia; Eberly College of Science The Pennsylvania State University, University Park, State College, PA, USA; The Henry C. Lee College of Criminal Justice and Forensic Sciences, University of New Haven, West Haven, CT, USA; Regiomed Kliniken, Coburg, Germany

Tuesday, June 18

8:30 a.m. - 11:35 a.m.	Oral Session 2: Forensic Genetics	Moderator: James Landers	University of Virginia School of Medicine, Charlottesville, VA, USA	
8:30 a.m. - 8:55 a.m.		Jodi Irwin	Federal Bureau of Investigation, Quantico, VA, USA	MPS implementation in forensic casework
8:55 a.m. - 9:20 a.m.		Daniele Podini	George Washington University, Washington, D.C., USA	Microhaplotypes: a comprehensive forensic DNA marker
9:20 a.m. - 9:45 a.m.		Mitchell M. Holland	The Pennsylvania State University, University Park, State College, PA, USA	DCMPS of mtDNA heteroplasmy: an established tool for forensic investigations
9:45 a.m. - 9:55 a.m.		Short talk selected from submitted abstracts		
9:55 a.m. - 10:10 a.m. Break				
10:10 a.m. - 10:35 a.m.		Antti Sajantila	University of Helsinki, Helsinki, Finland	Use of human and virus DNA for assessing ancestry in forensic and archaeological context
10:35 a.m. - 11:00 a.m.		Catarina Gomes Alves Xavier	Medical University Innsbruck, Innsbruck, Austria	Development and validation of prototype MPS tools to infer appearance, ancestry and age from forensic DNA samples
11:00 a.m. - 11:25 a.m.		Manfred Kayser	Erasmus University Medical Center Rotterdam, Rotterdam, The Netherlands	Improving forensic Y-STR and Y-SNP analysis
11:25 a.m. - 11:35 a.m.		Short talk selected from submitted abstracts		
11:35 a.m. - 1:30 p.m.	Poster Session 1: Individualized Medicine	Moderator: Gwen A. Lomberk	Medical College of Wisconsin, Milwaukee, WI, USA	
12:00 p.m. - 1:30 p.m. Joint Session: ISABS, Regimed Kliniken, Germany, University of Split, Croatia (By Invitation)				
1:30 p.m. - 5:00 p.m.	Oral Session 3: Genomics and Epigenomics in Medicine	Moderator: Keith D. Robertson	Mayo Clinic, Rochester, MN, USA	
1:30 p.m. - 1:55 p.m.		Eric W. Klee	Mayo Clinic, Rochester, MN, USA	The use of multi-omics to resolve undiagnosed rare disease patients
1:55 p.m. - 2:20 p.m.		Mark A. Frye	Mayo Clinic, Rochester, MN, USA	Genetics of bipolar disease
2:20 p.m. - 2:45 p.m.		Tamas Ordog	Mayo Clinic, Rochester, MN, USA	Interrogating and manipulating lineage-critical enhancers for therapeutic benefit
2:45 p.m. - 2:55 p.m.		Short talk selected from submitted abstracts		
2:55 p.m. - 3:10 p.m. Break				

Tuesday, June 18

3:10 p.m. - 3:35 p.m.		Rugang Zhang	The Wistar Institute, Philadelphia, PA, USA	Approaches to SWI/SNF alterations in cancer
3:35 p.m. - 4:00 p.m.		Raul A. Urrutia	Medical College of Wisconsin, Milwaukee, WI, USA	Epigenomics of pancreatic cancer
4:00 p.m. - 4:25 p.m.		Magnus Essand	Uppsala University, Uppsala, Sweden	Cancer immunotherapy using genetically engineered viruses and immune cells
4:25 p.m. - 4:50 p.m.		Grzegorz S. Nowakowski	Mayo Clinic, Rochester, MN, USA	Therapy of aggressive B-cell lymphoma – aligning alterations into pathways and pathways into therapeutic targets
4:50 p.m. - 5:00 p.m.		Short talk selected from submitted abstracts		
5:00 p.m. - 8:00 p.m.	Free			
8:00 p.m. - 9:00 p.m.	Evening Lecture 1 Special Plenary Lecture	Moderator: Tamas Ordog	Mayo Clinic, Rochester, MN, USA	
8:00 p.m. - 9:00 p.m.		Richard Weinshilboum	Mayo Clinic, Rochester, MN, USA	Genes and drug response: an Odyssey

Wednesday, June 19

8:30 a.m. - 11:35 a.m.	Oral Session 4: Innovative Approaches in Forensics, Anthropology and Medicine	Moderator: Mitchell M. Holland	The Pennsylvania State University, University Park, State College, PA, USA	
8:30 a.m. - 8:55 a.m.		Ryan C. Bailey	University of Michigan, Ann Arbor, MI, USA	Microfluidic tools for automating epigenetics
8:55 a.m. - 9:20 a.m.		Gordan Lauc	University of Zagreb, Genos Ltd., Zagreb, Croatia	The Human Glycome Project - exploring the new frontier in personalised medicine
9:20 a.m. - 9:45 a.m.		Matthias Meyer	Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany	Improving techniques for the retrieval and analysis of ancient human DNA
9:45 a.m. - 9:55 a.m.		Short talk selected from submitted abstracts		
9:55 a.m. - 10:10 a.m. Break				
10:10 a.m. - 10:35 a.m.		Noah Rosenberg	Stanford University, Stanford, CA, USA	Matching DNA records with disjoint sets of genetic markers
10:35 a.m. - 11:00 a.m.		Yaniv Erlich	Columbia University, New York, NY, USA	Long range familial searches: treat lightly!
11:00 a.m. - 11:25 a.m.		Fredrick Bieber	Harvard University, Cambridge, MA, USA	Genealogics: public DNA databases in forensic investigation
11:25 a.m. - 11:35 a.m.		Short talk selected from submitted abstracts		
11:35 a.m. - 12:30 p.m. Break for Lunch + Networking				
12:30 p.m. - 4:15 p.m.	Nobel Laureate Session	Moderator: Dragan Primorac	ISABS & *	
12:30 p.m. - 1:15 p.m.		Ada Yonath	The Weizman Institute of Science, Rehovot, Israel	Ribosomes: A Connection Between The Far Past & Near Future
1:15 p.m. - 2:00 p.m.		Avram Hershko	The Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel	The ubiquitin system for protein degradation: some roles in health and disease
2:00 p.m. - 2:45 p.m.		Robert Huber	Max-Planck-Institut für Biochemie, Technische Universität München, Universität Duisburg-Essen, Germany	New Ways of Vision: Protein Structures in Translational Medicine and Business Development, my Experience
2:45 p.m. - 3:30 p.m.		Paul Modrich	Duke University Medical Center, Durham, NC, USA	Mechanisms in human DNA mismatch repair
3:30 p.m. - 4:15 p.m.	Questions and Discussion			
4:15 p.m. - 7:30 p.m. Split Sightseeing for Invited Speakers (By Invitation Only)				
5:15 p.m. - 6:05 p.m. Nobel Spirit - Croatian Radiotelevision (By Invitation)				
7:30 p.m. - 11:25 p.m. Conference Banquet and Award Ceremony				

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Thursday, June 20

8:30 a.m. - 1:30 p.m.	Human Glycome Project	Moderator: Richard Cummings	Beth Israel Deaconess Medical Center, Harvard Medical School, Harvard Medical School, Boston, MA, US	
8:55 a.m. - 9:20 a.m.		Yurii Aulchenko	Novosibirsk University, Novosibirsk, Russia	Genetic differences determining inter-individual variation in protein glycosylation
9:20 a.m. - 9:45 a.m.		Vlatka Zoldos	University of Zagreb, Zagreb, Croatia	Epigenetic regulation of protein glycosylation
9:45 a.m. - 10:10 a.m.		Michael Hawkeye Pierce	University of Georgia, Athens, GA, USA	Identifying the Human Sialome as a key to unlocking the Human Glycome
10:10 a.m. - 10:25 a.m. Break				
10:20 a.m. - 10:45 a.m.		Sabine Flitsch	University of Manchester, Manchester, United Kingdom	The application of enzymes for glycoengineering
10:45 a.m. - 11:10 a.m.		Manfred Wuhrer	Leiden University Medical School, Leiden, The Netherlands	Glycomics signatures of autoimmune diseases and cancer
11:10 a.m. - 11:35 a.m.		Mike Tiemeyer	University of Georgia, Athens, GA, USA	The glycomic diversity of homogenous human cell populations derived from pluripotent precursors
11:35 a.m. - 12:00 p.m.		Richard Drake	Medical University of South Carolina, Charleston, SC, USA	Reproducibility and portability of solid-phase N-glycan MALDI profiling workflows for tissues, cells and biofluids
12:00 p.m. - 1:30 p.m.	Four short talks			
8:30 a.m. - 11:35 a.m.	Oral Session 5: Anthropological Genetics	Moderator: Manfred Kayser	Erasmus University Medical Center Rotterdam, Rotterdam, The Netherlands	
8:30 a.m. - 8:55 a.m.		Viviane Slon	Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany	Inferring interactions between Neanderthals and Denisovans from ancient DNA
8:55 a.m. - 9:20 a.m.		Tom Gilbert	University of Copenhagen, Copenhagen, Denmark	Human genetic consequences of the second plague pandemic
9:20 a.m. - 9:45 a.m.		Mattias Jakobsson	Uppsala University, Uppsala, Sweden	Interrogating early human history using ancient DNA from Africa
9:45 a.m. - 9:55 a.m.	Short talk selected from submitted abstracts			
9:55 a.m. - 10:10 a.m. Break				
10:10 a.m. - 10:35 a.m.		Wolfgang Haak	Max Planck Institute for the Science of Human History, Jena, Germany	Into the great wide open: 3000 years of human population history in the Caucasus region
10:35 a.m. - 11:00 a.m.		Joachim Burger	University of Mainz, Mainz, Germany	Demographic and evolutionary inference from palaeogenomes
11:00 a.m. - 11:25 a.m.		Simon Mead	University College London Hospitals, London, United Kingdom	Genetic adaptation to prion diseases with a particular reference to Kuru in Papua New Guinea and CJD in Europe

Thursday, June 20

11:25 a.m. - 11:35 a.m.		Short talk selected from submitted abstracts		
11:35 a.m. - 1:30 p.m.	Break for Lunch + Networking + Poster Session 2: Anthropological Genetics	Moderator: TBD		
1:30 p.m. - 4:35 p.m.	Oral Session 6: Circulating Biomarkers in Medicine	Moderator: Minetta C. Liu	Mayo Clinic, Rochester, MN, USA	
1:30 p.m. - 1:55 p.m.		Henry A. Erlich	Children's Hospital Oakland Research Institute, Oakland, CA, USA	Next-generation sequencing for non-invasive prenatal diagnosis of the hemoglobinopathies: a model for autosomal recessive diseases
1:55 p.m. - 2:20 p.m.		George Vasmatazis	Mayo Clinic, Rochester, MN, USA	Personalized therapy monitoring and relapse detection strategies using abnormal tumor related DNA junctions
2:20 p.m. - 2:45 p.m.		Wolfgang Janni	University of Ulm, Ulm, Germany	Clinical utility of circulating tumor cells in early and advanced breast cancer
2:45 p.m. - 2:55 p.m.		Short talk selected from submitted abstracts		
2:55 p.m. - 3:10 p.m.	Break			
3:10 p.m. - 3:35 p.m.		Minetta C. Liu	Mayo Clinic, Rochester, MN, USA	Development of circulating tumor cell- and cell-free-DNA-based assays for the management of solid tumors
3:35 p.m. - 4:00 p.m.		Luis A. Diaz, Jr.	Memorial Sloan Kettering Cancer Center, New York, NY, USA	Clinical applications of circulating tumor DNA
4:00 p.m. - 4:25 p.m.		Thereasa Rich	Guardant Health, Redwood City, CA, USA	Analytical and clinical validation of a comprehensive cell-free circulating tumor genotyping assay
4:25 p.m. - 4:35 p.m.		Short talk selected from submitted abstracts		
1:30 p.m. - 5:30 p.m.	Oral Session 7: Interdisciplinary Session of American Academy of Forensic Sciences and ISABS 2019	Moderator: Henry Lee	University of New Haven, New Haven, CT, USA	
1:30 p.m. - 1:45 p.m.		Henry Lee	University of New Haven, New Haven, CT, USA	How to interpret science properly in the court
1:45 p.m. - 2:00 p.m.		Haskel Pitluck	Crystal Lake, IL, USA	Understanding of forensic expert report by judges
2:00 p.m. - 2:15 p.m.		Robert Barsley	New Orleans, LA, USA	Forensic bitemark evidence in court
2:15 p.m. - 2:30 p.m.		Carla Noziglia	Augusta, Georgia, USA	Ethical issues in court

Thursday, June 20

2:30 p.m. - 3:00 p.m. Discussion and Coffee Break

3:00 p.m. - 3:15 p.m.	Samiah Ibrahim	Ottawa, ON, Canada	Forensic intelligence: application of interdisciplinary data for law enforcement purposes
3:15 p.m. - 3:30 p.m.	Maria Susana Ciruzzi	Paediatric Hospital Dr. Juan P. Garrahan, Buenos Aires, Argentina	The child as witness: competency and credibility
3:30 p.m. - 3:45 p.m.	Martin Olivier	Department of Computer Science, University of Pretoria, South Africa	Medico-legal examinations as a paradigm for digital examinations
3:45 p.m. - 4:00 p.m.	Giuseppe Troccoli	Mental Health Services, Bari, Italy	Forensic Psychiatry: the contribution to investigations
4:15 p.m. - 4:30 p.m.	Virginia Lynch	Forensic Consultant, Oakland University	Forensic nursing science: an alliance of health and justice
4:30 p.m. - 4:45 p.m.	Peter Ausili	US Drug Enforcement Administration (Retired), Chicago, IL, USA	Challenging expert witnesses in drug cases
4:45 p.m. - 5:00 p.m.	Davor Derencinovic	University of Zagreb, Zagreb, Croatia	European standards on the collection and retention of DNA for the purposes of the criminal proceedings

5:00 p.m. - 5:30 p.m. Wrap-Up Discussion

5:45 p.m. - 7:00 p.m. Round Table by ISABS, Croatian Judges Association and Croatian Academy of Legal Sciences (Croatian language)

	Introduction	Damir Primorac	University of Split, Split, Croatia	DNA and criminal justice in Croatia (Kazneno-pravni aspekt DNA analize u Hrvatskoj)
		Damir Kontrec	Supreme Court of The Republic of Croatia, Zagreb, Croatia	DNA in civilian and common law in Croatia (Analiza DNA s građansko pravnog aspekta u Hrvatskoj)
	Opening Remarks for Discussion	Stanko Bejatovic	Serbian Association for Criminal Law and Practice; Faculty of Law, University of Kragujevac, Serbia	The role of DNA in criminal investigation in Serbia (Kazneno-pravni aspekt DNA analize u Srbiji)
		Marta Dragicevic Prtenjaca	University of Zagreb, Zagreb, Croatia	Introduction to European innocence network - Croatian perspective (Uvod u Europsku mrežu neudžnosti - Hrvatski model)
		Suncana Roksandic Vidlicka	University of Zagreb, Zagreb, Croatia	The use of DNA analysis in retrial of criminal cases in Croatia (Analiza DNA tijekom obnove pravomoćno okončanog kaznenog postupka - Hrvatska praksa)
8:00 p.m. - 9:00 p.m.	Evening Lecture 2 Special Plenary Lecture	Moderator: Manfred Kayser	Erasmus University Medical Center Rotterdam, Rotterdam, The Netherlands	
8:00 p.m. - 9:00 p.m.		Mark Thomas	University College London, London, United Kingdom	Genetic astrology

Friday, June 21

8:30 a.m. - 11:35 a.m.	Oral Session 8: Epigenetics in Forensics, Anthropology, and Medicine	Moderator: Raul A. Urrutia	Medical College of Wisconsin, Milwaukee, WI, USA	
8:30 a.m. - 8:55 a.m.		Michael S. Kobor	University of British Columbia, Vancouver, BC, Canada	Environmental factors shaping the human epigenome
8:55 a.m. - 9:20 a.m.		Keith D. Robertson	Mayo Clinic, Rochester, MN, USA	Identifying and targeting epigenetic defects in liver disease
9:20 a.m. - 9:45 a.m.		Raul Mostoslavsky	Massachusetts General Hospital, Harvard Medical School, The Broad Institute, Boston, MA, USA	Linking cancer, epigenetics and metabolism: lessons from SIRT6
9:45 a.m. - 9:55 a.m.		Short talk selected from submitted abstracts		
9:55 a.m. - 10:10 a.m. Break				
10:10 a.m. - 10:35 a.m.		Ludovic Orlando	University of Toulouse, Toulouse, France	From short, degraded, ancient DNA molecules to genome-wide epigenetic signatures: exploring our epigenetic past
10:35 a.m. - 11:00 a.m.		Bastiaan Heijmans	Leiden University Medical Center, Leiden, The Netherlands	Cross-omics analysis in populations to understand the role of epigenomic change in human ageing
11:00 a.m. - 11:25 a.m.		Haojie Huang	Mayo Clinic, Rochester, MN, USA	Gene mutation, epigenetic remodeling and therapy resistance in cancer
11:25 a.m. - 11:35 a.m.		Short talk selected from submitted abstracts		
11:35 a.m. - 1:30 p.m.	Break for Lunch + Networking + Poster Session 3: Forensic Genetics	Moderator: Daniele Podini	George Washington University, Washington, D.C., USA	
1:30 p.m. - 2:20 p.m.	Oral session 8A: Epigenetics in Forensics, Anthropology, and Medicine (Continued)	Moderator: XXXXXX		
1:30 p.m. - 1:55 p.m.		Zhiguo Zhang	Columbia University, New York, NY, USA	Epigenetic alterations in glioma
1:55 p.m. - 2:20 p.m.		Hwan Young Lee	Seoul National University College of Medicine, Seoul, South Korea	Epigenetic age signatures in bones
2:20 p.m. - 2:35 p.m. Break				

Friday, June 21

2:35 p.m. - 4:50 p.m.	Oral Session 9: Microbiome Analysis in Forensics, Anthropology, and Medicine	Moderator: Joachim Burger	University of Mainz, Mainz, Germany	
2:35 p.m. - 3:00 p.m.		Johannes Krause	Max Planck Institute for the Science of Human History, Jena, Germany	The genetic history of the plague: from the Stone Age to the 18th century
3:00 p.m. - 3:25 p.m.		Anne Stone	University of Arizona, Tucson, AZ, USA	Tracking a killer: using ancient DNA to understand the evolutionary history of <i>Mycobacterium tuberculosis</i>
3:25 p.m. - 3:50 p.m.		Christoph Thaiss	University of Pennsylvania, Philadelphia, PA, USA	Microbiome dynamics in metabolic disease
3:50 p.m. - 4:15 p.m.		Jacques Schrenzel	University of Geneva, Geneva, Switzerland	Microbiome analysis in clinical medicine: hope or hype?
4:15 p.m. - 4:40 p.m.		Zhenjiang Xu	Nanchang University, Nanchang, China	Accurate estimates of the post-mortem interval using cadaver-associated microbiomes
4:40 p.m. - 4:50 p.m.		Short talk selected from submitted abstracts		
4:50 p.m. - 5:00 p.m.	Closing Remarks	Dragan Primorac	ISABS & *	
5:30 p.m. - 7:30 p.m.		Henry Lee	University of New Haven, New Haven, CT, USA	Fire and Explosion Investigation and Forensic Analysis (Lecture)

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Saturday, June 22

11:00 a.m. - 2:00 p.m.	Location: Kava "Sveti Kajo"	Henry Lee	University of New Haven, New Haven, CT, USA	Fire and Explosion Investigation and Forensic Analysis (Practical Workshop)
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STRATEGIC PARTNER

PHILIPS



ISABS Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine

www.isabs.net Le Méridien Lav Hotel / Split, June 17-22, 2019

With the participation of Nobel Laureates

