



Tuesday, 19 May 2026 – Primer Day

Session 1 – 8:00-10:00 AM – AM Primer Day Session

Moderators – TBA

- 8:00** Introduction and Welcome | ISSVA Board of Directors
- 8:10** ISSVA Classification | Dov Goldenberg
- 8:25** Infantile Hemangioma - Diagnosis, Associations, Management | Eulalia Baselga and Maria Garzon
- 8:54** KHE | Alexandra Borst
- 9:10** Liver Hemangioma & Other Tumors | Ionela Iacobas and Patricia Burrows
- 9:25** OBGYN Concerns/Prenatal Management | Beth Schwartz
- 9:40** Pathology of Vascular Anomalies | Thuy Phung

10:00 Break (30 min)

Session 2 – 10:30-12:30 – AM Primer Day Session

Moderators - TBA

- 10:30** Genetics of Vascular Malformations | Sarah Sheppard
- 10:47** Arteriovenous Malformations | Henar Cuervo
- 11:04** Lymphatic Malformations | Sally Cohen-Cutler
- 11:21** Patient Organizations and Networks - The EU and USA Perspective | Caroline Van den Bosch and Mellene Finger
- 11:38** Vascular Malformations – Imaging and IR | Anne Marie Cahill
- 11:55** Vascular Malformations – Surgical Options | Ann Kulungowski
- 12:12** Vascular Malformations – Medication Options | Emmanuel Seront

12:30 Lunch (90 min)

13:00-13:45 – Classification Session

Session 3 – 14:00-16:00 – Innovation and Outcomes in Complicated Lymphatic Anomalies

Moderator: Denise Adams

- 14:00** Basic Science Discoveries - GSD | Michael Dellinger
- 14:13** Genomics; Latest Outcomes with New Techniques | Hakon Hakonarson
- 14:26** A Conundrum.... Lack of genotype. When the phenotypes do not fit the genotype. How do we approach medical therapies? | Sally Cohen-Cutler
- 14:36** Innovative Diagnostics for CCLAs and Innovative Interventional Approaches with Outcome Data | Abhay Srinivasan
- 14:49** Surgical Interventions: When, What, and Outcomes | Pablo Laje
- 15:02** The GI Approach | Naylor Brownell

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15:15 Panel - Case Presentation | All from session, plus - Allison Britt, Melanie Savoca, Erin Pinto, Meg Maguire, Kathleen Rooney, Megan Perez

16:00 Break (30 min)

Session 4 - 16:30-18:00 – Difficult Cases

Moderator - TBA

Cases (Order, TBD)

- Non-Immune Hydrops Fetalis as an Initial Presentation of PIK3CA-Related Overgrowth Syndrome: A Case Consistent with Megalencephaly-Capillary Malformation | Margaret Cote
- Successful use of alpelisib in a young infant with a massive cervicofacial lymphatic malformation | Michael Fox
- BRAF Mutation in Eruptive Pyogenic Granuloma-Like Lesions Developing Over Vascular Anomaly | Shannon Wessel
- Recurrent bright red blood per rectum in an infant with PiK3R1 variant | Allison Miller

18:00-19:30 - Opening Reception

Wednesday, 20 May 2026 – Scientific Sessions

7:00-8:00 – Sponsored Breakfast Symposium – Relay Therapeutics

Session 1 – Tumors - 8:00-10:00

Moderators: TBA

- 8:00** Infantile hemangiomas in preterm infants: high-risk clinical features and increased treatment requirement with comparable beta-blocker safety | Flora Bradley
- 8:10** Glutamine Addiction Rewires the Glutamine-Asparagine Axis to drive Endothelial Proliferation and Angiogenesis in Infantile Hemangioma | Tong Qiu
- 8:20** Germline SOX18 Mutation in an Infant with Multifocal Cutaneous and Visceral Hemangiomas | Qiu Kumar
- 8:30** Scalp infantile hemangioma regression rate and effect on hair follicle: a long-term follow-up | Xiaoxi Lin
- 8:40** Breast Region Infantile Hemangiomas: clinical presentation, outcome pathway and therapeutic challenge | Anne Domp Martin
- 8:50** The successful use of a minimally invasive temperature-controlled Radio Frequency (RF) device to treat recalcitrant symptomatic hemangiomas in children | Kevin Hopkins
- 9:00** Infantile Hemangiomas that Don't Read the Textbook: Unexpected Outcomes in Adolescents and Adults | Final Patel
- 9:10** Complicated Vascular Tumors: Evaluating Diagnostic Concordance Among Clinical, Imaging, and Pathologic Findings | Miriam Meghniagi
- 9:20** Angiopoietin-2 promotes invasion and angiogenesis in kaposiform haemangioendothelioma |

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Yuru Lan

- 9:30** Kaposiform Hemangioendothelioma (KHE) Beyond Infancy: Clinical and Radiologic Characteristics | Anne Sailer
- 9:40** Cryotherapy with CryoPen® versus Surgical Excision for Pediatric Pyogenic Granuloma: A Prospective Nonrandomized Clinical Trial | Christina Flucher
- 9:50** Examining Ulceration in Infantile Hemangiomas: Are Black Patients at Risk for More Severe Presentations? | Aisa Longnecker

10:00 Break (30 min)

Session 2 - AVM 1 – 10:30-12:00

Moderators: TBA

- 10:30** Hierarchical Micro-Nano Cascade Delivery for Precise and Durable Molecular Therapy of Diffuse Extracranial AVMs | Xiangyi Wu
- 10:40** Beyond the RAS/MAPK Pathway: A Novel PIK3CA-Linked High-Flow Spinal AVM | Iksha Kumar
- 10:50** Pediatric Presentations of HHT and CM-AVM | Alexandra Borst
- 11:00** Capillary Malformation-Arteriovenous Malformation Syndrome Associated with Gastrointestinal Neuroendocrine Tumor: A Report of Two Cases | Alexandra Borst
- 11:10** Retrospective Single-Center Study on the Association Between Pregnancy and Extracranial Arteriovenous Malformations | Julien Coulie
- 11:20** Trametinib for the Treatment of Complicated Extracranial Arteriovenous Malformations | Chaw Ning Lee
- 11:30** A Phase II Trial of Cobimetinib in Patients with Extracranial Arteriovenous Malformations | Joanna Mack
- 11:40** Precision Medicine Approach to Arteriovenous Malformations: cfDNA-Based Diagnostics Enable Effective Targeted Therapy | Ren Cai
- 11:50** Scientific Committee Talk | Dov Goldenberg and Ionela Iacobas
- 12:00** **Keynote Address – Taija Mäkinen**

12:35 Lunch and Posters (85 min)

12:35-13:35 – Sponsored Lunch Symposium – Novartis

Session 3 - AVM 2 – 14:00 - 16:00

Moderators: TBA

- 14:00** Hereditary hemorrhagic telangiectasia in pediatrics: Clinical characteristics, imaging findings, and genetic mutations | Abdallah Al-Ani
- 14:10** Hepatic Involvement in Patients with Hereditary Hemorrhagic Telangiectasia: A Cross Sectional Study from a Referral Center | Marcelo Serra
- 14:20** Single-Center Experience in Interventional Therapy for Congenital Portosystemic Shunts in Children | Shen Gang
- 14:30** Take 2: Techniques for re-intervening on pelvic AVMs with prior proximal embolization |

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Monica Matsumoto

- 14:40** De Novo Development of Arteriovenous Malformations Following Lateral Marginal Vein Thrombosis in Klippel-Trenaunay Syndrome: A Three-Patient Case Series | Monica Matsumoto
- 14:50** Intraneural Arteries in Arteriovenous Malformations: Their Role in Neurological Symptoms | Ahmad Alomari
- 15:00** Periorbital Arteriovenous Malformation Treated by Genotype Guided Trametinib | Ren Cai
- 15:10** Direct Puncture of the Left Inferior Alveolar Vein for Embolization of a Mandibular Arteriovenous Malformation | Brennan Cook
- 15:20** Giant cervical AVM in a child with Bannayan-Riley-Ruvalcaba syndrome (BRRS) | Hideki Mori
- 15:30** Modified Electro Sclero Therapy (MEST) + Surgery. The ideal treatment for diffuse, disfiguring, facial AVM with hypertrophy? | Giacomo Colletti
- 15:40** A Highly Complex Cervico-Occipital High-Flow Vascular Malformation in a PTEN-PHOS Patient: Multistage Endovascular, Surgical, and Medical Management | Dario Teplisky
- 15:50** Analysis of Outcome and Adverse Events after Peripheral Arteriovenous Malformation embolization: Single Korean Referral Vascular Anomalies Center 20 years-Experience | Sang Yub Lee

16:00 – Break

16:30 – Late Breaking Abstract Session

Moderators: TBA

- Presentations to be announced soon

17:05 – Dr Mulliken Tribute - *Presenters: Miikka Vikkula and Steven Fishman*

17:30 – General Assembly (ISSVA Member Meeting)

ISSVA Board of Directors

Thursday, 21 May 2026 – Scientific Sessions

7:00-8:00 – Sponsored Breakfast Symposium – Protara Therapeutics

Session 4 - Other Studies 1 – 8:00-10:00

Moderators: TBA

- 8:00** EPHB4 mutations cause CM-AVM2, Central Conducting Lymphatic Anomalies, Vein of Galen malformations, and other vascular anomalies: Widening the Clinical Spectrum of Phenotypic Expression | Final Patel
- 8:10** LOSS OF FUNCTION OF FZD6 CAUSES CENTRAL CONDUCTING LYMPHATIC ANOMALY AND POSSIBLY SENSORINEURAL HEARING LOSS | Luciana Garlisi
- 8:20** Pathogenic PIK3CA variants induced proteasome insufficiency and VE-CADHERIN and CD31

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- proteostasis defects in Lymphatic Malformations | Nour Bacha
- 8:30** Integrin- $\alpha 9$ in oncogenic PI3K-driven lymphatic malformations: a key player in disease recurrence? | Sandra Castillo
- 8:40** Establishment of Patient-Derived Endothelial Cell Models of Kaposiform Hemangioendothelioma for Mechanistic Studies and Therapeutic Screening | Jiangyuan Zhou
- 8:50** Novel RAS Inhibitor RMC7977 Blocks Vascular Overgrowth of NRASQ61R Mutant Endothelial Cells | Sara Alharbi
- 9:00** Safety and efficacy of percutaneous core needle biopsy of vascular anomalies | Eleanor Kim
- 9:10** Metabolic Effects of Two-Year Sirolimus in Adult Vascular Malformations: A VASE Sub Analysis | Emmanuel Seront
- 9:20** Response to alpelisib in patients who did not respond to sirolimus | Marina Heskel
- 9:30** Revisiting live vaccine contraindications under mTOR inhibition: insights from a measles outbreak in patients treated with sirolimus. | Emma Kocsis Derfalvi
- 9:40** Impact of Vascular Malformations on Women's Health: Results from the Survey of Women with vascular Anomalies (SWAN) Study | Elissa Engel
- 9:50** Visible and Invisible Burdens: The Psychosocial Impact of Vascular Malformations in Adolescence | Lauren Hill

10:00 Break

Session 5 - Lymphatics – 10:30-12:30

Moderators: TBA

- 10:30** Biallelic variants in ITGA9 cause recessive central conducting lymphatic anomaly with nonimmune hydrops fetalis | Micheal March
- 10:40** Human Endothelial Cells Expressing the NRASQ61R Mutation Associated with Kaposiform Lymphangiomatosis Induce Non-Cell Autonomous Changes in Neighboring Wild-Type Endothelial Cells/ Lymphatic-specific NRASQ61R models of kaposiform lymphangiomatosis replicate key clinical features of the disease | Charles McDaniel
- 10:50** Pathogenic variants in RIT1 cause central conducting lymphatic anomaly | Lola Zerbib
- 11:00** Somatic in-frame duplication and insertion variants in the switch II region of three RAS genes cause complex lymphatic anomalies | Dong Li
- 11:10** Sirolimus Is More Effective Than Alpelisib in Blocking Vascular Overgrowth of NRAS Q61R Mutant Endothelial Cells in Cell Culture and Xenograft Models of Kaposiform Lymphangiomatosis | Svatava Merkle
- 11:20** 20S proteasome inhibitors as a novel therapy for lymphatic and venous malformations | Nour Bacha
- 11:30** Generalized Lymphatic Anomaly due to due to a gene Fusion Responsive to Sirolimus Treatment | Miikka Vikkula
- 11:40** Peripheral Lymphedema with Systemic Lymphatic Complications in Childhood: Clinical, Imaging, Genetic Findings, and ISSVA Classification Insights | Luisa Ciucci
- 11:50** The role of near-infrared fluorescence imaging in the diagnosis and surgical management of lymphatic malformations and chylous disorders | Miguel Amore
- 12:00** Predicting the Occurrence of Spontaneous Regression for Children with Head and Neck

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Lymphatic Malformations | Juliana Bonilla-Velez

12:10 Management of intra-abdominal lymphatic malformations at a tertiary pediatric institution | Christine Boone

12:20 Maternal Sirolimus Therapy for Fetal Extensive Lymphatic Cystic Malformation: Selection Criteria, Management, and Outcomes in a Series of Six Cases | Laurent Guibaud

12:30 Lunch and Posters

12:30-13:30 – Sponsored Lunch Symposium – Palvella

Session 6 – Venous – 14:00-16:00

Moderators: TBA

14:00 Generation of iPSC-derived human venous organoids for the modeling of venous malformations and drug discovery | Cai Wang

14:10 A Novel Murine Model of TIE2-Driven Venous Malformation | Elisa Boscolo

14:20 Beyond the Hotspot: MAP3K3 Variant Spectrum in Vascular Anomalies | Allison Britt

14:30 Genetic insights and nomenclature challenges in adult hepatic vascular lesions: a 20-case series and literature review | Lara Rodriguez-Laguna

14:40 Polymeric Rapamycin Nanoparticles Encapsulating Ponatinib Cause Regression of Venous Malformations | Kathleen Cullion

14:50 Thrombin-Antithrombin Complex (TAT) as an Early Marker of Post-Sclerotherapy Hypercoagulability in Venous Malformations: A Dynamic Biomarker Analysis | Xiaonan Yang

15:00 Bone Involvement in Venous Malformation: Spectrum of Various Imaging Patterns | Victoire Roblot

15:10 Sirolimus for Progressive Colonic Vascular Congestion in an Adolescent Without Detectable Vascular Malformation | Ramrada Lekwuttikarn

15:20 Medical Management in Patients with Symptomatic Venous Malformations: A Large Case Series | Tyson Echols

15:30 Foam Sclerotherapy for Airway Venous Malformations: Clinical Outcomes and Molecular Background | Lev Voznitsyn

15:40 Safety and Efficacy of Bleomycin Electrosclerotherapy in Low-Flow Vascular Malformations Resistant to Sclerotherapy: A Prospective Cohort Comparing VGD Straight and Cluster Electrodes | Annouk Bisdorff-Bresson

15:50 Needleless Electrosclerotherapy for Slow-Flow Vascular Malformations of the Pharynx, Palate, and Larynx | Giacomo Colletti

16:00 Break

16:30 Session 7 – Capillary – 16:30-18:00

Moderators: TBA

16:30 Single-vessel transcriptome map pathological landscapes and reveal NR2F2-mediated smooth muscle cell phenotype acquisition in capillary malformations | Wenbin Tan

16:40 GNAQ/GNA11 209-induced vascular anomalies: expansion of the clinical phenotype | Flora

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- Bradley
- 16:50** GNAQ-related Overgrowth Spectrum (GROS): A proposal for an updated disease classification | Emma Scott
- 17:00** A Retrospective Review on GNAQ Somatic Mutations and Associated Phenotypes | Annette Kroes
- 17:10** vasomotors symptoms : expanding the phenotype of GNA11 capillary malformations | Olivia Boccaro
- 17:20** Pharmacologic activation of PI3K α /AKT in GNAQ p.R183Q endothelial cells reduces endothelial permeability and reduces angiopoietin-2 (ANGPT2) | Joyce Bischoff
- 17:30** Expanding the phenotype spectrum of MAP2K1 variants: Unilateral Skeletal, Vascular, pigmented, and auditory involvement | Bayan Matarneh
- 17:40** Development of a Multimodal Risk Scoring System for Predicting Asymmetric Overgrowth in Limb Capillary Malformations | Xiaoxi Lin
- 17:50** Cutis marmorata telangiectatica congenita: an atypical clinical presentation of vascular malformations | Olivia Boccaro
- 19:00 – 22:00** – ISSVA Social Event – Offsite – Reading Terminal Market (across the street from the venue)

22 May 2026 – Scientific Sessions

Session 8 - Other Studies II – 8:00-10:00

Moderators: TBA

- 8:00** Utility of a Swine Animal Model for Testing the Chondrotoxicity Potential of Sclerosing Agents | Jennifer Mayer
- 8:10** Co-Expression of Histone Lysine Methyl Transferases and PIK3 Mutations in Vascular Anomalies | David Carpentieri
- 8:20** Droplet Digital PCR as a First-Line Detection Tool in the Genetic Diagnosis of Vascular Anomalies | Tara Lane
- 8:30** If at first you don't succeed, try try again : The value of iterative genetic testing in patients with vascular anomalies | Nya Nelson
- 8:40** Prevalence and Clinical Impact of Dysphagia in Pediatric Lymphatic Malformations: A Retrospective Cohort Study | Maha Alsomali
- 8:50** Alpelisib for vascular anomalies beyond PROS: evidence of efficacy for diverse genotypes and phenotypes | Deeti Pithadia
- 9:00** Everolimus is a safe and effective alternative to sirolimus in patients with complex vascular anomalies | Annegret Holm
- 9:10** Transperineal approach technique for the treatment of slow-flow perirectal vascular malformations. | Alejandro Celis Jimenez
- 9:20** Topical Timolol for Residual Infantile Hemangiomas in Children Aged 1-5 Years with

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- 9:30** Psychosocial Distress: A Justified Option Beyond Infancy | Olga Bogomolets
Click, Learn, Treat: Developing an On-Demand Multispecialty Hub for Vascular Anomalies Education | Joana Mack
- 9:40** Defining and recording Patient Centered Goals of Treatment in a multidisciplinary vascular anomalies clinic. | Tony Penington
- 9:50** Reproductive and pregnancy outcomes following treatment with sirolimus for vascular malformations | Emmanuel Seront

10:00 Break

Session 9 – Combined – 10:30-12:30

Moderators: TBA

- 10:30** Leveraging microphysiological models of vascular malformations to screen novel therapeutic approaches | William Polacheck
- 10:40** A diagnostic workflow for spatially-guided sequencing in vascular anomalies enabled by non destructive 3D histopathology | René Hagerling
- 10:50** Expanding the Phenotypic Spectrum of KRAS-Associated Vascular Malformations: Two Contrasting Cases | Will Swansson
- 11:00** Gorham Stout Disease with a Somatic BRAF Variant Responding to Combined Sirolimus and Trametinib Therapy | Michael Briones
- 11:10** Zovegalisib (RLY-2608), a novel, mutant-selective, PI3Ka inhibitor, induces lesion regression, with minimal hyperinsulinemia, in murine models of PIK3CA-mutant vascular malformations | Mariona Graupera
- 11:20** PIK'ing Apart Vascular Malformations: Genetic Testing in Overgrowth Syndromes | Tien Do
- 11:30** Serum D-2-hydroxyglutarate: a non-invasive diagnostic tool for Maffucci syndrome over Ollier disease | Annouk Bisdorff-Bresson
- 11:40** Portal venous thrombosis associated with colorectal venous malformations in patients with PIK3CA-related overgrowth spectrum. | Mariya Kristeva
- 11:50** Evaluating Safety and Efficacy of Trametinib in Patients with Noonan Syndrome and Lymphatic Disorders | Sumukh Kumar
- 12:00** A Tracheostomy-Free Approach to Airway-Involving Low-Flow Vascular Malformations: Elective Prolonged Intubation and Percutaneous Sclerotherapy | Dario Teplisky
- 12:10** Management of patients with localized low-flow malformations in the gluteal region | Paolo Gasparella
- 12:20** Short-Term Outcomes with Surgical Treatment of Peri- and Intra-Articular Vascular Anomalies | Samantha Spencer

12:30 Lunch and Posters

12:45-14:45 – Nursing Coordinator's Meeting

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Session 10 - Difficult Cases – 14:00-16:00

Moderators: TBA

- 14:00** Identification of a de novo variant in GABP α in a patient with multiple vascular tumors of an unclassified entity | Annegret Holm
- 14:10** Diagnostic Evolution in a Complex Vascular Anomaly: A Nine-Year Journey from Kaposiform hemangioendothelioma to Suspected Kaposiform lymphangiomatosis | Lynette Wee
- 14:20** Facial capillary malformation with dural sinus malformation and arteriovenous fistula (CAMS II): endovascular diagnosis and treatment | Paloma Triana
- 14:30** Navigating Treatment without a Molecular Target: Complex lymphatic anomaly with extensive osseous involvement in a pediatric patient | Matt Hawkins
- 14:40** Ex-situ mesenteric resection of a venolymphatic malformation and autotransplantation | Edith Klappe
- 14:50** Sirolimus and Pregnancy: A Vascular Anomaly Success Story | Rachel Mayo
- 15:00** Prenatal Sirolimus - 2 year follow up case | Autumn Atkinson
- 15:10** Refractory Anemia in CLOVES Syndrome | Jiejun Xia
- 15:20** 18-month-old male presenting with partial paraplegia | Daniel M Balkin
- 15:30** En face margin assessment in cutaneous arteriovenous malformations of the face: a novel approach. | Maha Alsomali
- 15:40** Intracranial arteriovenous malformation with excellent response to alpelisib | Marina Heskell
- 15:50** Multimodal Endovascular Treatment of a Complex Recurrent Auricular Vascular Anomaly with Targeted Embolization and Laser Ablation | Carlo Angello Sanchez Montaño

16:00 Closing Ceremony | ISSVA Board of Directors

****Closing Coffee Reception immediately to follow Closing Ceremony**

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