

Day	Time	Programme category (e.g., talk, break, keynote lecture etc.)	Speaker name and topic of talk
1(21st)	21:00-21:05	WELCOME	Michael Dustin- Welcome and intro to Christopher Peel Fund for Interdisciplinary Research and Keynote speakers.
1	21:05-21:40	KEYNOTE 1	Diane Mathis- Mechanisms protecting us from autoimmunity
1	21:45-22:20	KEYNOTE 2	Christophe Benoist- Systems immunology insights into regulatory T cells
2(22nd)	09:00-09:02	INTRO TO S1	Antigen receptor structure- Nagaja Capitani
2	09:02-09:26	S1	Ryan Notti- Structural insights into T-cell receptor activation
2	09:31-09:35	S1	Nicole La Gruta- Aging T cells, granzyme K and the uncoupling of immune and organismal aging
2	10:00-10:10	S1	Joao Ferreira Fernandes- Structural insights into B-cell receptor assembly and flexibility
2	10:15-10:40	S1	Matteo Iannacone- The tissue logic of immune surveillance — lessons from the liver
2	10:45-11:15	COFFEE	
	11:15-11:17	INTRO TO S2	Tolerance (Pixelgen Sponsored)- Peter Djali
2	11:17-11:41	S2	Julie Zikherman- Balancing tolerance and immunity at the BCR
2	11:46-11:56	S2	Ed Jenkins- Role of T cell shape in immunosurveillance
2	12:00-12:24	S2	Nicole Joller- TIGIT beyond Inhibition - From Immune Restraint to Tissue Repair
2	12:29-12:53	S2	Carrie Lucas- Nature's lessons for decoding immunity
2	13:00-14:30	LUNCH	Meet the speakers
2	14:30-17:00	POSTER SESSION 1	Odd posters
2	17:00-17:02	INTRO TO S3	Mechanoimmunology (ATTACK/Granza Bio Sponsored)- Hsin-Fang Chang
2	17:02-17:26	S3	Omer Dushek- Optimising CAR-T cells antigen sensitivity by force-shielding
2	17:31-17:41	S3	Aliya Holland- Mechanosurveillance of Senescent Cells
	17:46-17:56	S3	Ashwin Kumar Jainarayanan- Size-based resolution of natural killer cell particles enables isolation of supramolecular attack particles
2	18:01-18:16	S3	Morgan Huse- Mechanical topography of T cell killing
2	18:21-18:31	S3	Salvatore Valitutti- Stenocytosis as a mechanism of supramolecular attack particle transfer at the cytotoxic T lymphocyte lytic synapse and its impact on target cell death
2	18:40-19:15	S3	Neuroimmunology special talk- Francisco Quintana
	19:30	DINNER	
3(23rd)	09:00-09:02	INTRO TO S4	B cell receptor signaling- Jürgen Wienands
3	09:02-09:26	S4	Pieta Mattila- Septins in the regulation of the B cell immunological synapse and the immune response
3	09:31-09:41	S4	Jürgen Wienands- Phase-separation of B-lymphoid signaling elements in X-linked antibody-deficiency

3	9:46-9:10	S4	Katelyn Spillane- CD20 integrates cytoskeletal mechanics, lipid signalling, and metabolism to regulate early B cell responses to antigen
3	10:15-10:39	S4	Tomohiro Kurosaki- Differential expansion and migration of IgM and IgG plasma cells
3	10:44-11:08	S4	Katherine Susa- Structural basis of B cell co-receptor signaling and characterization of new antibodies targeting CD19.
3	11:15-11:45	COFFEE	
3	11:45-11:47	INTRO TO S5	T cell receptor signaling (CIBSS Sponsored)- Susana Minguet
3	11:47-11:11	S5	Sudha Kumari- Actin networks in control of T cell interactions and signaling
3	12:16-12:26	S5	Alina Shomuradova- CD3 cytoplasmic motifs regulate proximal TCR signalling to shape antigen discrimination
3	12:31-12:55	S5	Jay Groves- Active condensation of LAT as a discretized signal gating mechanism in T cells
3	13:00-14:30	LUNCH	Meet the speakers
3	14:30-14:32	INTRO TO S6	Metabolism- Maria Mittelbrunn
3	14:32-15:01	S6	Nuria Martinez- B cell and germinal center metabolism
3	15:01-15:11	S6	Annabelle Buschky- Engineering CAR T cells to overcome the negative impact of the tumor microenvironment
	15:16-15:26	S6	Maria Mittelbrunn- Metabolism and inflammaging
3	15:31-16:30	S6	Dirk Brenner- Redox metabolism in T cells and cancer.
3	16:30-22:30	EXCURSION	Buses to Siena.
4(24 th)	09:00-09:02	INTRO TO S7	Differentiation (Sentcell Sponsored)- Alessio Lanna
4	09:02-09:26	S7	Maté Biro- Mechanical control of T cell access to tumours
4	09:31-09:41	S7	Adrian Fernandez Rego- Diacylglycerol kinase z supports CD40-mediated immune synapse formation, mTORC1 signaling and plasma cell fate in B lymphocytes
4	09:45-09:55	S7	Mohammad Al-Aghbar- Quantitative T cell receptor signaling defines early checkpoints in helper T cell differentiation
4	10:00-10:24	S7	Carmen Gerach- Multiple axes of T cell differentiation
4	10:29-10:53	S7	Alessio Lanna- Metabolic imprinting of T cells enables peripheral TCR plasticity and preparatory immunity.
4	11:00-11:30	COFFEE	
4	11:30-11:32	INTRO TO S8	Infection and Autoimmunity (Almirall sponsored)- Cristina Gutierrez Caballero
4	11:32-11:56	S8	Anne Spurkland- TCR signaling and Multiple Sclerosis risk
4	12:01-12:25	S8	Sho Yamasaki- Novel unconventional T cell subset recognizing mycobacterial lipids
4	12:30-12:54	S8	Tal Arnon- Dynamics of B cell recirculation and memory
4	13:00-14:30	LUNCH	Meet the speakers
4	14:30	POSTER SESSION 2	Odd numbers
4	17:00-17:02	INTRO TO S9	Tumour Immunology (Synolo Sponsored)- Anish Suri
4	17:02-17:26	S9	Daniel Billadeau- NKG7: Sitting at the Crossroads of T cell Lysosome Biology and Metabolism

4	17:31-17:41	S9	Ana Valeria Melendez Mayorga- From single to dual signaling: rethinking intracellular architecture in CAR T cells
4	17:46-17:56	S9	Nagaja Capitani- T cell killing of leukemic cells
4	18:01-18:11	S9	Jonathan Hill- Logic-gated Protein Therapeutics for Enhancing Tumor-selective T cell Responses
	18:16-18:26	S9	Annie Lin- From Sorting to Shaping: Membrane Remodeling at Ligand-Receptor Interfaces Potentiates Activation
4	18:31-18:55	S9	Li Tang- Type 2 Immunity May Hold Key to Long-Term Cancer Remission: The Journey from Bench to Bedside and Back
4	19:00		Poster prizes (Nat Rev Immunol, Immunity, Science Signaling)
4	19:20		Organizers- Business meeting and Concluding remarks
4	19:30	DINNER	Banquet
4	22:00	DANCE PARTY	Edward Jenkins- DJ
5	07:00-08:00	<i>Breakfast</i>	
5	08:00	<i>Buses</i>	Buses depart to Florence and Pisa