# IMMUNE TOLERANCE: MECHANISM, DISEASES & THERAPEUTICS

October 28-November 1, 2024

Arranged by

Chuan Wu, National Cancer Institute, NIH, USA Sun Hur, Harvard Medical School, USA Axel Kallies, The University of Melbourne, Australia Bin Li, Shanghai Jiaotong University School of Medicine, China Tim Sparwasser, University of Mainz, Germany





# IMMUNE TOLERANCE: MECHANISM, DISEASES AND THERAPEUTICS

Monday, October 28- Friday, November 1, 2024

Monday	7:00 pm	1 T-Cell Tolerance
Tuesday	9:00 am	2 Allograft Tolerance
Tuesday	2:00 pm	Poster Session
Tuesday	3:00 pm	Chinese Tea and Beer Tasting
Tuesday	7:00 pm	3 Autoimmune Diseases
Wednesday	9:00 am	4 Microbiota and Mucosal Tolerance
Wednesday	2:00 pm	Visit to Old Suzhou*
Wednesday	7:00 pm	5 Tumor Immune Tolerance
Thursday	9:00 am	6 Humoral Tolerance
Thursday	2:00 pm	7 Infectious Tolerance
Thursday	6:00 pm	Cocktails and Banquet
Friday	9:00 am	9 Fetal Immune Tolerance

Oral presentation sessions are located in the CSHA Auditorium
Poster session and Chinese Tea & Beer Tasting are in the Lake Front Hall.
Cocktail social hour is held outside in the Suz Garden.
Old Suzhou visits depart from the CSHA lobby
\*optional tour requires additional fee.

Meal locations and times are as follows: Lunch: Main Cafeteria 12:00pm - 1:30pm Dinner: Main Cafeteria 6:00pm - 7:30pm Banquet: Suz Garden 7:00pm

More information will be available at CSHA office. (Map at the end of this abstract book)

#### **PROGRAM**

### MONDAY, October 28-7:00 PM

SESSION 1	TCELL	TOLERANCE
JEJJIVIN I	1-(/	LULEDANGE

Chairperson: Chuan Wu, National Cancer Institute, Bethesda,

Maryland, USA

#### **KEYNOTE SPEAKER**

Metabolic reprogramming of T cell immunity and tolerance—A
journey from reductionist to systems immunology
Hongbo Chi [35'+10']
Presenter affiliation: St. Jude Children's Research Hospital, Memphis,
Tennessee

# The transcription factor ETS1 controls the postselection differentiation of thymic iNKT1 cells

Roxroy C. Morgan, Cameron Frank, Ezra Moos, Mary Attaway, Randy A. Melanson, Olubusayo Bolonduro, Andrew Koh, Elizabeth T. Bartom, Barbara L. Kee [20'+10']

Presenter affiliation: University of Chicago, Chicago, Illinois.

Functional specialization of regulatory T cell-mediated immune regulation in health and disease

<u>Li-Fan Lu</u> [20'+10']

Presenter affiliation: University of California, San Diego, La Jolla, California.

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# TUESDAY, October 29-9:00 AM

SESSION 2	ALLOGRAFT TOLERANCE	
Chairpersons:	Jakub Abramson, Weizmann Institute of Science, Rehovot, Israel Chuan Wu, National Cancer Institute, Bethesda, Maryland, USA	
immune respondamit Binyamin, Givony, Danielle Merav Kedmi, H Kotlovski, Yael	al cells contribute to sexual dimorphism of the nse Dena Leshkowitz, Afek Elnekave, Osher Ben-Nun, Tal e Serr, Shifra Ben-Dor, Rebecca Haffner-Krausz, Hadas Keren-Shaul, Jan Dobeš, Ayelet Avin, Yulia Goldfarb, Jakub Abramson [20'+10'] tion: Weizmann Institute of Science, Rehovot, Israel.	4
Chen Dong [20	CD8+ T cell fates by Bcl6 O'+10'] tion: Westlake University, Hangzhou, China.	5
TCR allo-recog Saisi Qu, Yu Cu [10'+5']	e mismatch induces high TCMR risk through direct gnition ii, Rui Qin, Weiwei Yin, Jianghua Chen, <u>Wei Chen</u> tion: Zhejiang University, Hangzhou, China.	6
Anat Gelfand, H Presenter affilia Institute of Tech	ell dynamics in the tumor microenvironment lila Razon, <u>Ari Glasner</u> [10'+5'] tion: Rappaport Faculty of Medicine, Technion-Israel nnology, Haifa, Israel.	7
Break		
homeostasis Kairong Cui, Zu	ry elements restrain IFN-γ expression for tissue ojia Chen, Keji Zhao, <u>Chuan Wu</u> [20'+10'] tion: NIH, Bethesda, Maryland.	8
Wanjun Chen	ne tolerance and diseases [20'+10'] tion: National Institutes of Health, NIDCR, Bethesda,	9

Mary Attaway, Belen Flores Kuri, Barbara L. Kee [10'+5'] Presenter affiliation: University of Chicago, Chicago, Illinois.	10
SPONSOR TALK	
Translational control in the immune system—Too many roads not taken <u>Changchun Xiao</u> [20'+10']  Presenter affiliation: Head of China Research, Sanofi and Founding Director, Suzhou, China.	11
TUESDAY, October 29—2:00 PM	
POSTER SESSION	
Causal relationship between gut microbiota, blood metabolites and multiple sclerosis—Evidence from mendelian randomization study	
<u>Lian Chen</u> , Wei Wang, Dai-shi Tian, Chuan Qin Presenter affiliation: Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China.	12
Calculus bovis improves experimental autoimmune encephalomyelitis via gut microbiome Lian Chen, Wei Wang, Chuan Qin, Dai-shi Tian Presenter affiliation: Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China.	13
In vivo screens identify FZD4 as a druggable cholesterol regulator to overcome cross-tolerance to sorafenib and PD-1 blockade in hepatocellular carcinoma  Lanqi Gong, Jie Luo, Xin-Yuan Guan  Presenter affiliation: The University of Hong Kong, Hong Kong, China; The University of Hong Kong-Shenzhen Hospital, Shenzhen, China.	14
SOCS1 haploinsufficiency in HLH links IFN-γ-induced hyperinflammation with sex-biased TLR7 upregulation and B cell hyperactivation  Yuke He, Chengmei Xie, Jianyang Ma, Yuting Qin, Marija Jelusic, Todor Arsov, Nicholas P. D Liau, Vicki Athanasopoulos, Jeffrey J. Babon, Nan Shen, Carola G. Vinuesa  Presenter affiliation: China-Australia Centre for Personalised Immunology, Shanghai, China.	15

Roles for Ets1 in T cell selection

The functional assembly of FOXP3-FOXP1 heterometric complex through phase separation Xue Jiang, Zhan Xu, Bin Li Presenter affiliation: Shanghai Jiao Tong University School of	
Medicine, Shanghai, China.	16
Antigen-specific T cell vaccine ameliorates rheumatoid arthritis by reconstituting neutrophil repertoire Lulu Cao, Shanzhao Jin, Xin Feng, Qian Wang, Jing Li, Huanqun Zhu, Xue Li, Yuebo Jin, Yue Yang, Feng Sun, Yingni Li, Ru Li, Hua Ye, jing He, Shuwei Dong, Jie Tian, Fanlei Hu, Zhanguo Li Presenter affiliation: Peking University People's Hospital and Beijing Key Laboratory for Rheumatism Mechanism and Immune Diagnosis (BZ0135), Beijing, China.	17
MIP2 as a potential therapeutic agent against intracerebral hemorrhage Rabeea Siddique, <u>Suliman Khan</u> Presenter affiliation: The Second Affiliated Hospital of Zhengzhou University, Zhengzhou, China.	18
Investigation of the role and mechanism of hepatocyte Sirt7 in alcoholic liver disease Gaoshuang L. Liang, Jinying P. Peng, <u>Zhuan L. Li</u> Presenter affiliation: Hunan Normal University School of Medicine, Changsha, China.	19
TREM2 mediates metabolic and immune regulation of lipid- associated macrophages in lymph node metastasis Cuicui Huang, Lanqi Gong, Anne WM Lee, Xinyuan Guan, <u>Shanshan</u> Li	
Presenter affiliation: The University of Hong Kong-Shenzhen Hospital, Shenzhen, China.	20
cJun/AP-1 activation mediates Treg fragility and promotes tumor clearance	
Wenqing Cao, Ruoyi Xue, Xin Li, <u>Chang Liu</u> Presenter affiliation: Nanjing University, Nanjing, China.	21
Preferential accumulation of CD62-KLRG1+ memory CD8 T cells in decidualized endometrium—Pathogen-specific defense to protect the embryo?	
<u>Lu Liu</u> , Xixi Huang, Tingxuan Yin, Xianyang Hu, Meirong Du Presenter affiliation: Fudan University, Shanghai, China.	22

transplantation tolerance by targeting alloreactive CD4+ T cells Yongbo Liu, Bingran Wang, Di Sun, Linrong Lu, Yuan Liu, Qiang Xia Presenter affiliation: Renji Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China.	23
Pathogenic granzyme K-expressing CD8 T cells promote recurrent airway inflammatory diseases Feng Lan, Jizhou Li, Wenxuan Miao, Fei Sun, Xin Liu, Jianbin Wang, Luo Zhang, Hai Qi	
Presenter affiliation: Tsinghua University, Beijing, China.  Enhancing therapeutic efficacy of adenomyosis—A new strategy via a biomimetic drug delivery system with macrophage membrane-encapsulated dydrogesterone nanocrystals Jing Luo, Renwen Zhang, Yixing Zou, Aihua Liao Presenter affiliation: Huazhong University of Science and Technology, Wuhan, China.	24
Trio analysis of rare coding variants in Chinese childhood lupus reveals novel candidate genes <u>Jianyang Ma</u> , Yuting Qin, Soon-Min Hong, Nan Shen, Vinuesa G. Carola, Yuke He Presenter affiliation: China-Australia Centre for Personalized Immunology (CACPI), Shanghai, China.	26
Loss of function gene variation in TET2 can cause human lupus Yuting Qin, Qian Shen, Yuke He, Jianyang Ma, Carola G. Vinuesa Presenter affiliation: China-Australia Centre for Personalised Immunology, Renji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China.	27
Interdependence between stemness and regulatory function in B-1 cells and molecular basis Qian Shen, Howard Wang, Xiangpeng Meng, Jonathan A. Roco, Amalie Grenov, Carola Vinuesa Presenter affiliation: Francis Crick Institute, London, United Kingdom.	28
Aging-associated decline of neuronal PD-L1 augments CD8+ T cell-mediated neuroinflammation  Mengjiao Sun, Nuo Cheng, Kaibin Shi, Wei-Na Jin  Presenter affiliation: China National Clinical Research Center for Neurological Diseases, Beijing, China; Chinese Institutes for Medical Research, Beijing, China.	29

Massive parallel sequencing delineating dynamics and formation of immune repertoire from non-cancer repertoire to low-grade PIN and then to prostate cancer Qingkai Wang, Danhua Su	
Presenter affiliation: Chinese Academy of Medical Sciences & Peking Union Medical College, Suzhou, China.	30
Characterization of T-bet-expressing Treg cells in tumor immunity Sang-Nee Tan, Jing Hao, Jing Ge, Yazheng Yang, Meng Lin, Xiaohong Zhao, Genyu Wang, Ling Ni, Chen Dong Presenter affiliation: Westlake University, Zhejiang, China; Tsinghua University, Beijing, China.	31
Repeated Omicron infections overcome T cell immune imprinting to original SARS-CoV-2	
Ying Wang Presenter affiliation: Shanghai Jiaotong University School of Medicine, Shanghai, China.	32
A host enzyme reduces non-alcoholic fatty liver disease by inactivating intestinal lipopolysaccharide	
Zhiyan Wang, Nore Ojogun, Yiling Liu, Robert Munford, Mingfang Lu Presenter affiliation: Fudan University, Shanghai, China.	33
Cancer neutrophil encyclopedia—A deep dive into antigen- presenting warriors Yingcheng Wu	
Presenter affiliation: Fudan University, Shanghai, China.	34
Combined multidimensional single-cell protein and RNA profiling reveals increased circulating low-density neutrophils during pregnancy Junyu Xu	
Presenter affiliation: Sun Yat-sen University, Guangzhou, China.	35
YL-001 enhances CAR-T cells potency through impairing CAR-Tregs	
Guiming Li, Husheng Mei, Mingqi Hou, Xiaochen Tang, Wenjun Zhang, Zhan Xu, Rui Liang, Bin Li, Aibin Liang, Jing Yang Presenter affiliation: Tongji University, Shanghai, China.	36

• • •	Npl4 interaction selectively inhibits tumor- latory T cell development to enhance antitumor	
	nifa Cao, <u>Ruixian Yu,</u> Chao Dong, Shi Jiao, Zhaocai	
Presenter affiliat	tion: Fudan University, Shanghai, China.	37
<b>switch governi</b> <u>Weiqi Zhang,</u> Xi Li, Xueyu Dai	ion unveils FOXP3-T-bet complex as a pivotal ng the Th1 program in regulatory T cells innan Liu, Zheng Bao, Shigang Yin, Feihong Luo, Bin tion: Shanghai Jiao Tong University School of ghai, China.	38
that contribute pediatric nasor Yu Zhang, Lanq	tial analysis reveals microenvironmental features to immune discrepancies between adult and charyngeal carcinomas i Gong, Yizhuo Zhang tion: Sun Yat-Sen University Cancer Center, ina.	39
otomycosis by Wenguang Shi,	al Staphylococcus spp. reduce the recurrence of regulating tryptophan metabolism Xiangyu Mou, Wenjing Zhao tion: Sun Yat-Sen University, Shenzhen, China.	40
	TUESDAY, October 29—3:00 PM	
	Chinese Tea and Beer Tasting	
	TUESDAY, October 29—7:00 PM	
SESSION 3	AUTOIMMUNE DISEASES	
Chairpersons:	<b>Tim Sparwasser,</b> University of Mainz, Mainz, Germany <b>Chaoran Li,</b> Emory University School of Medicine, Atlanta, Georgia, USA	
	ood memory—From B cells to the CNS	
Hai Qi [20'+10' Presenter affiliat	I tion: Tsinghua University, Beijing, China.	41

	[20'+10'] tion: Yale University, New Haven, Connecticut.	42
Metabolic targets for the treatment of autoimmune diseases <u>Tim D. Sparwasser</u> [20'+10']  Presenter affiliation: University Medicine Mainz, Mainz, Germany.		43
Treg subsets a Cody Elkins, Ch Haydn Kissick,	ots cholesterol homeostasis to dysregulate VAT and metabolic health hengyu Ye, Christopher D. Scharer, Mandy L. Ford, Chaoran Li [10'+5'] tion: Emory University School of Medicine, Atlanta,	44
Metabolic regu	llation of regulatory T cell development and	
Yangyang Li, Yu	unyue Shen, Jing Wang, Jiankun Song, Qin Yu, ang Dong [10'+5']	
	ition: ShanghaiTech University, Shanghai, China.	45
	SPONSOR TALK	
Building a proteome-wide resource for protein sciences  Tao Chen [20'+10']  Presenter affiliation: Absea Biotechnology Ltd., Berlin, Germany.		
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	tion: Absea Biotechnology Ltd., Berlin, Germany.	46
Presenter affilia	wednesday, October 30—9:00 AM	46
Presenter affilians SESSION 4 Chairpersons: Sin1-mTOR signetabolism and Bing Su, Ziyang [20'+10']	WEDNESDAY, October 30—9:00 AM  MICROBIOTA AND MUCOSAL TOLERANCE  Xiaoyu Hu, Tsinghua University, Beijing, China Sun Hur, Harvard Medical School, Boston, Massachusetts, USA  gnaling mediated regulation of immune cell	46

A tuft cell-centric checkpoint of type 2 immunity Jiali Wang, Ruoxi Shen, Kunpeng Yang, Xiaohuan Guo, Jingyou Yu,	
Chuan Wu, Xue-Kun Guo, Xiaoyu Hu [20'+10']	
Presenter affiliation: Institute for Immunology, Beijing, China; School of	
Basic Medical Sciences, Beijing, China; Tsinghua-Peking Center for Life Sciences, Beijing, China.	48
A distinct cis-regulatory element is required for ILC3s to maintain intestinal food tolerance through amplifying RORyt expression Jie Zhao, Haoyu Liu, Na Li, Panwei Song, Wenyan Wang, Xiaohuan Guo [10'+5']	
Presenter affiliation: Tsinghua University, Beijing, China.	49
SUB1-DOCK2 axis dictates autoimmunity by controlling the migration of self-reactive CD4+ T cells  Xiaoxue Li, Feng Wang [10'+5']	
Presenter affiliation: Shanghai Jiao Tong University School of Medicine, Shanghai, China.	50
Break	
Innate immune determinants of intestinal physiology, tolerance, and inflammation	
Gregory F. Sonnenberg [20'+10']	
Presenter affiliation: Weill Cornell Medicine, Cornell University, New York, New York.	51
Nucleic acid-driven self-assemblies—FoxP3 and Aire Sun Hur [20'+10']	
Presenter affiliation: Harvard Medical School, Boston, Massachusetts.	52
Gut commensal <i>Bacteroides spp</i> protects against atherosclerosis by regulating cholesterol metabolism	
Chao Yin, Gan Lin, Xiangyu Mou, Wenjing Zhao [10'+5']	
Presenter affiliation: Shenzhen Campus of Sun Yat-Sen University, Shenzhen, Guangdong, China.	53

WEDNESDAY, October 30-2:00 PM

Visit to Old Suzhou

# WEDNESDAY, October 30-7:00 PM

SESSION 5	TUMOR IMMUNE TOLERANCE	
Chairpersons:	<b>Thomas Gebhardt,</b> University of Melbourne, Melbourne, Australia <b>Kairui Mao,</b> Xiamen University, Xiamen, China	
Thomas Gebhar	taneous and metastatic melanoma rdt [20'+10'] tion: University of Melbourne, Melbourne, Australia.	54
immunotherapy Peng Wu [20'+		55
novel mechanis Qiyuan Yang, Yu Zheng [20'+10	ed regulation of CIITA-MHCII pathway—Unveiling a sm of intra-tumoral Treg function uqiong Liang, Tomoko Hatanaka, Jingting Yu, <u>Ye</u> '] tion: Salk Institute for Biological Studies, La Jolla,	56
trafficking and Kairui Mao, Siyu	alized Treg-mregDC crosstalk limits antigen restrains anti-tumor immunity in colorectal cancer uan You, Shuqin Li [10'+5'] tion: Xiamen University, Xiamen, China.	57
activation and Xianjun Gao, Fa	ansfer Tmem176b to suppress T cell early drive immune evasion ang Liu, Abin You, Feng Ye, <u>Nengming Xiao</u> [10'+5'] tion: Xiamen University, Xiamen, China.	58
and anti-tumor Xue-Li Zhang, S Zhang [10'+5']	Shu-Yu Xiao, Aziguli Tulamaiti, Yan Yang, Zhi-Gang tion: State Key Laboratory of Systems Medicine for	59

Alternative epigenetic imprints authorize the Treg heterogeneity in the thymus Xuelei Wang, Yingying Xu, Liangjiao Yao, Song Mei, Qifan Zhao, Yi Zang, Kepeng Yan, Gang Wei, Bin Li, Yan Zhang, Wei Lv [10'+5'] Presenter affiliation: University of Chinese Academy of Sciences, Shanghai, China.		
	THURSDAY, October 31—9:00 AM	
SESSION 6	HUMORAL TOLERANCE	
Chairpersons:	<b>Ludger Klein</b> , Ludwig-Maximilians-Universität Müncher Munich, Germany <b>Mingzhao Zhu</b> , Institute of Microbiology, CAS, Beijing, China	١,
	KEYNOTE SPEAKER	
Peering into the secrets of self-reactive B cells Carola Vinuesa, Amalie Grenov, Vicki Athanasopoulos, Yuke He, Qian Shen, Nan Shen [35'+10'] Presenter affiliation: The Francis Crick Institute, London, United Kingdom.		61
Role of B cells in central T cell tolerance <u>Ludger Klein</u> [20'+10']  Presenter affiliation: Ludwig-Maximilians-Universität München, Munich, Germany.		62
<b>Bi-directional neuro-immune communication regulates host defense against helminth infection</b> Yinsheng Wang, Xiaoyu Zhang, Heping Xu, Coco Chu [10'+5'] Presenter affiliation: Insitute for Immunology, Beijing, China.		63
Break		
future of Treg- Bin Li [20'+10"	tion: Shanghai Jiao Tong University School of	64

H2A.Z-primed epigenetic landscape promotes memory CD8 T cell recall response Wei Liang, Jiyu Ding, Mingzhao Zhu [10'+5']	
Presenter affiliation: Institute of Biophysics, CAS, Beijing, China; Institute of Microbiology, CAS, Beijing, China.	65
Targeting tissue-resident helper T cells for immunotherapy of ovarian cancer metastasis  Zijian Xu, Ming Li [10'+5']  Presenter affiliation: Memorial Sloan Kettering Cancer Center, New	
York, New York.	66
Direct presentation of inflammation-associated self antigens by thymic innate-like T cells induces elimination of autoreactive CD8 thymocytes	
Yuanyuan You, Josefine Dunst, Kewei Ye, Patrick A. Sandoz, Annika Reinhardt, Inga Sandrock, Natalia R. Comet, Rupak Dey Sarkar, Emily Yang, Estelle Duprez, Judith Agudo, Brian D. Brown, Paul J. Utz, Wolfgang Kastenmüller, Carmen Gerlach, Immo Prinz, Björn Önfelt, Taras Kreslavskiy [10'+5']	
* * *	67
THURSDAY, October 31—2:00 PM	
SESSION 7 INFECTIOUS TOLERANCE	
<b>Chairpersons:</b> Axel Kallies, University of Melbourne, Melbourne, Austra Xiaofei Yu, Fudan University, Shanghai, China	ılia
Molecular and cellular regulation of exhausted T cell differentiation  Axel Kallies [20'+10']  Presenter affiliation: University of Melbourne, Melbourne, Australia.	68
Clonal diversity of human effector and memory T cells— Extending to regulatory T cells Corinne De Gregorio, Alessio Murgia, Blanca Fernandez, Xinlei Xi, Jun Siong Low, Antonio Lanzavecchia, Antonino Cassotta, Federica Sallusto [20'+10']	
Presenter affiliation: Università della Svizzera italiana, Bellinzona,	69

range acid induces innate infinune tolerance via epigenetic	
reprogramming Weiwei Shi, Tiffany Cassmann, Aditya Bhagwate, Taro Hitosugi, W. K.	
Eddie Ip [10'+5'] Presenter affiliation: Mayo Clinic, Rochester, Minnesota; Mayo Clinic, Rochester, Minnesota.	70
Extramedullary neutrophil generation in lung promotes stroke- associated pneumonia	
Nuo Cheng, Ying Zhang, Wenyan He, <u>Kaibin Shi</u> [10'+5'] Presenter affiliation: Chinese Institutes for Medical Research, Beijing, China; China National Clinical Research Center for Neurological Diseases, Beijing Tiantan Hospital, Capital Medical University, Beijing, China.	71
Break	
Cholesterol metabolism regulates tumor-associated macrophage function Jun Xiao, Shuang Wang, Weiyun Li, Hongyan Wang [20'+10'] Presenter affiliation: Shanghai Institute of Biochemistry and Cell Biology, Shanghai, China.	72
The neuritin-cannabinoid receptor 2 axis negatively regulates inflammatory diseases by targeting T cells Ping Wei, Kaimin Zhang, Fan Pan [10'+5'] Presenter affiliation: Shenzhen University of Advanced Technology (SUAT), Chinese Academy of Sciences (CAS), Shenzhen, China.	73
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An immune defense pathway for stress tolerance  Xiaofei Yu, Mengyu Xia, Jiabin Lan, Xinyu Zhou, Anoj Ilange [10'+5']  Presenter affiliation: Fudan University, Shanghai, China.	74
SPONSOR TALK	
Thermofisher [20'+10']	

THURSDAY, October 31—6:00 PM

**COCKTAILS and BANQUET** 

SESSION 8	FETAL IMMUNE TOLERANCE	
Chairpersons:	Chrysothemis Brown, Memorial Sloan Kettering Cand Center, New York, New York, USA Li-hao Huang, Fudan University, Shanghai, China	er
Chrysothemis B	tion: Memorial Sloan Kettering Cancer Center, New	75
•	stricts neonatal inflammation via metabolic shaping	
	Zhu, Zhaohai Cui, Yuxin Zhang, Ran Jia, Bo Hu, Wei Lijuan Zhang, Pan Zhou, Ying Yu, Qiang Liu, <u>Jie Zhou</u>	
	tion: Tianjin Medical University, Tianjin, China.	76
functions as no based adoptive high-risk nasop Jiang Li, Xiufeng	ve (DN) tumor-infiltrating lymphocyte (TIL) subset ovel regulatory T cells and predicts outcome of TIL-e cell therapy in Epstein-Barr virus DNA-selected pharyngeal carcinoma g Liu, Junbao Zhang [10'+5'] tion: Sun Yat-sen University Cancer Center, ina.	77
subpopulations remission in au Zhangyao Su, H	metabolic regulation of exhausted CD8+ T-cell s enhances anti-CD3 mAb-mediated diabetes atoimmune diabetes lang Zhao, Lingling Bian, Xinyu Xu [10'+5'] tion: The First Affiliated Hospital of Nanjing Medical ing, China.	78
Sing Sing Way	arned from mothers and babies [20'+10'] tion: Cincinnati Children's Hosptial, Cincinnati, Ohio.	79

and initialification	
Jiaqi Wu, Shuangshuang Liu, Wei Dan, Yanmei Wang, Li-hao Huang	
[10'+5']	
Presenter affiliation: Fudan University, Zhongshan Hospital, Shanghai,	
China.	80
Shapeshifting FoxP3 self-assembly allows multiway DNA bridging	
Fangwei Leng, Raquel Merino, Xi Wang, Wenxiang Zhang, Taekjip Ha,	
Sun Hur [10'+5']	
Presenter affiliation: Boston Children's Hospital, Boston,	

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Experimental psoriasis-induced activation of intestinal

and inflammation

macrophages—Implications for intestinal chylomicron secretion

Massachusetts; Harvard Medical School, Bosotn, Massachusetts.