

MONDAY, 22 JUNE 2015

	Auditorium	Sala Verde
07.30	Meet the Expert Alberto Bardelli (IT)	Meet the Expert Silvia Giordano (IT)
08.30	Keynote Lecture Angiogenesis Peter Carmeliet (BE)	
09.15	Proffered Papers II	
10.15	Poster Viewing / Coffee Break	
10.45	Symposium Microenvironment Erik Sahai (UK) Ravid Strausmann (IL) 2 presenters from best abstracts Mario Colombo (IT)	
12.30	Lunch	12.30-13.30 Satellite Symposium: NanoString Technologies
13.15	Poster Defence	
14.30	Symposium Metabolism Jacques Pouyssegur (FR) Paola Chiarugi (IT) 2 presenters from best abstracts Karen Vousden (UK)	
16.15	Poster Viewing / Coffee Break	
16.45	Symposium Undruggable Targets Ashok Venkitaraman (UK) Gerard Evan (UK) 2 presenters from best abstracts	
18.15	Keynote Lecture Animal Models Mariano Barbacid (ES)	
19.00		
20.00	Conference Dinner (access with ticket only)	

Exhibition 10.15 - 17.00

TUESDAY, 23 JUNE 2015

	Auditorium
08.30	Keynote Lecture Precision Medicine in Oncology Pasi Jänne (US)
09.15	Keynote Lecture Epigenetics Manel Esteller (ES)
10.00	Coffee Break
10.30	Giorgio Prodi Lecture Maurizio D'Incalci (IT)
11.15	Symposium Inflammation Paola Allavena (IT) Lisa M. Coussens (US) 2 presenters from best abstracts Thomas Tüting (DE)
13.00	SIC Awards Conference Highlights & Closing Remarks
13.30	

**20-23
JUNE
2015**

**FLORENCE
ITALY**

EACR-AACR-SIC Special Conference 2015

Scientific Programme

ABSTRACT NR.

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SATURDAY 20 JUNE 2015

14:00 - 14:30 Opening Address (Auditorium)

Welcome by EACR
Chair: R. Marais (United Kingdom)

Welcome by AACR
Chair: P. Jänne (USA)

Welcome by SIC
Chair: R. Dolcetti (Italy)

Welcome by the Director of Istituto Toscano
Tumori
Speaker: L. Luzzatto (Italy)

14:30 - 15:30 Opening Lecture: Non-coding RNA (Auditorium)

Chair: P. Jänne (USA)

14:30 MicroRNA-based therapeutics in cancer 1
Speaker: F.J. Slack (USA)

16:00 - 18:00 Plenary Symposium: Immuno-therapy (Auditorium)

Chair: R. Dolcetti (Italy)

16:00 Immune checkpoint blockade in cancer therapy: 2
New insights, opportunities, and prospects for a
cure
Speaker: J.P. Allison (USA)

16:30 PD-1 pathway blockade: Future clinical directions 3
Speaker: S. Topalian (USA)

17:00 Proffered paper: Radiation and dual PD-L1 and 4
CTLA4 checkpoint blockade overcome tumor
resistance and distinctly improve immunity
A. Maity, C. Twyman-Saint Victor, A.J. Recht, R. Rengan,
L.M. Schuchter, D.A. Pryma, S.M. Hahn, E.J. Wherry,
R.H. Vonderheide, A.J. Minn (USA)

17:10 Proffered paper: Cancer chemotherapy and viral 5
mimicry
A. Sistiugu, I. Vitale, T. Yamazaki, E. Vacchelli, G. Kroemer,
L. Zitvogel (Italy)

17:30 What T cells see on human cancer 6
Speaker: T. Schumacher (Netherlands)

17:50 Discussion & Roundup

18:00-19:30 Welcome Reception

SUNDAY 21 JUNE 2015

07:30 - 08:30 Meet the Expert Session (Auditorium)

07:30 Speaker: A.T. Shaw (USA) 7

07:30 - 08:30 Meet the Expert Session (Sala Verde)

07:30 Speaker: P. Jänne (USA) 8

08:30 - 09:15 Keynote Lecture: Genomically-Driven "Basket" Clinical Trials (Auditorium)

Chair: S. Giordano (Italy)

08:30 Genomically-driven "basket" clinical trials 9
Speaker: J. Baselga (USA)

09:15 - 10:15 Proffered Papers 1 (Auditorium)

Chair: C. Ambrogio (Spain)

Chair: E. Goka (USA)

09:15 Proffered paper: A kinase-independent role for 10
LMTK3 in chromatin remodeling
Y. Xu, H. Zhang, V. Nguyen, J. Nunes, N. Angelopoulos,
J. Stebbing, L. Magnani, G. Giamas (United Kingdom)

09:25 Proffered paper: Epigenetic silencing of 11
β-arrestin1 and its intragenic miR-326 controls
medulloblastoma growth
E. Miele, A. Po, A. Mastronuzzi, S. Valente, A. Carai,
I. Screpanti, F. Giangaspero, M. Levrero,
F. Locatelli, E. Ferretti (Italy)

09:35 Proffered paper: Acquired resistance to ERK 12
inhibitors resulting from a novel P-loop mutation
of ERK2
P.A. Clarke, T. Roe, K. Swabey, C. McAndrew, K. Boxall,
I. Westwood, R. Van Montfort, B. Al-Lazikani,
P. Workman (United Kingdom)

09:45 Proffered paper: Mitochondrial metabolism 13
promotes metastatic progression
P. Porporato, V.L. Payen, P. Sonveaux (Belgium)

09:55 Proffered paper: HEDGEHOG/GLI-E2F1 axis 14
modulates iASPP expression and activation and
regulates melanoma cell growth
S. Pandolfi, V. Montagnani, B. Stecca (Italy)

10:05 Proffered paper: Stress induced phenotypic 15
plasticity drives multi-drug tolerance along with
stemness in melanoma
D. Ravindran Menon, A. Emran, B. Gabrielli, P. Soyer, N. Haas,
R. Somasundaram, M. Herlyn, H. Schaidler (Australia)

10:45 - 12:30 Symposium: Melanoma Targeted Drugs (Auditorium)

Chair: A. Berns (Netherlands)

10:45 Improving patient outcomes to targeted 16
therapies in melanoma
Speaker: R. Marais (United Kingdom)

11:10 Large-scale genetic in vivo perturbations to 17
reveal novel cancer vulnerabilities
Speaker: D. Peeper, (Netherlands)

11:35 Proffered paper: Suppression of oncogene 18
transcription - PNA as novel targeted cancer
therapy for BRAF-V600E mutant melanoma
J. Rothman, O. Surriga, S.D. Vasudeva, G. Ambrosini,
G.K. Schwartz (USA)

11:45 Proffered paper: Novel therapeutic approaches 19
by targeting CD74 expression in melanoma
S. Ekmekcioglu, J. Roszik, S.E. Woodman, E.A. Grimm (USA)

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11:55	Melanoma resistance to targeted therapy: A translation issue? Speaker: C. Robert (France)	20	
12:20	Discussion & Roundup		
14:30 - 16:15	Symposium: Tumour Heterogeneity (Auditorium)		
	Chair: C. Dive (United Kingdom)	21	
14:30	Deciphering drivers of cancer evolution Speaker: C. Swanton (United Kingdom)		
14:55	Heterogeneity of acquired resistance to active targeted inhibitors of BCR-ABL and FLT3 Speaker: N.P. Shah (USA)	22	
15:20	Proffered paper: Tumor heterogeneity contributes to anti-EGFR therapy resistance in glioblastoma C. Zanca, W. Cavenee, <u>F. Furnari</u> (USA)	23	
15:30	Proffered paper: Prospective identification of RET resistance mutations predicted to emerge from treatment with multi-kinase inhibitors and the development of potent, selective inhibitors that address these mutations E.K. Evans, P. Fleming, J.L. Kim, A.K. Gardino, W. Hu, M. Maynard, K.J. DiPietro, T. Guzi, N.E. Kohl, <u>C. Lengauer</u> (USA)	24	
15:40	Mouse models of lung cancer: Tumour heterogeneity and cell-of-origin of thoracic tumors Speaker: A. Berns (Netherlands)	25	
16:05	Discussion & Roundup		
16:45 - 18:15	Symposium: Circulating Tumour Cells (Auditorium)		
	Chair: A. Bardelli (Italy)		
16:45	Cancer biomarkers in circulating tumor DNA Speaker: F. Di Nicolantonio (Italy)	26	
17:15	Versatility of circulating tumour cells in lung cancer: Biology, drug development and biomarkers C. Dive (United Kingdom)	27	
17:45	Proffered paper: Long-range regulators of HOTAIR as prognostic biomarkers for the stratification of hormone receptor positive breast cancer M.J. Milevskiy, F. Al-Ejeh, J.M. Saunus, K.S. Northwood, P. Bailey, K.P. Nephew, S.L. Edwards, S.J. Clark, S.R. Lakhani, <u>M.A. Brown</u> (Australia)	28	
17:55	Proffered paper: cfDNA profiling of non-small-cell lung cancer using Ion Torrent NGS <u>B. Ottolini</u> , A. Cox, P. Woll, K. Page, D. Guttery, L. Primrose, J.H. Pringle, M. Martins, D. Fennell, J.A. Shaw (United Kingdom)	29	
18:05	Discussion & Roundup		
18:15 - 19:00	Keynote Lecture: Cancer Genomics and Drug Resistance (Auditorium)		
	Chair: R. Marais (United Kingdom)		
18:15	Cancer genomics and drug resistance Speaker: E. Mardis (USA)	30	
MONDAY 22 JUNE 2015			
07:30 - 08:30 Meet the Expert Session (Auditorium)			
07:30	Clonal evolution and drug resistance: From cancer avatars to liquid biopsies Speaker: A. Bardelli (Italy)		31
07:30 - 08:30 Meet the Expert Session (Sala Verde)			
07:30	Applications of patient-derived xenograft models to translational cancer research Speaker: S. Giordano (Italy)		32
08:30 - 09:15 Keynote Lecture: Angiogenesis (Auditorium)			
	Chair: A.T. Shaw (USA)		
08:30	Angiogenesis revisited: Role and therapeutic potential of targeting endothelial metabolism Speaker: P. Carmeliet (Belgium)		33
09:15 - 10:15 Proffered Papers 2 (Auditorium)			
	Chair: S. Ventura (Italy) Chair: M. Macagno (Italy)		
09:15	Proffered paper: p140Cap scaffold protein, a new prognostic marker in ERBB2 breast cancer, limits ErbB2 breast cancer progression in a preclinical animal model S. Grasso, I. Russo, V. Saleme, F. Cavallo, A. Amici, M. Iezzi, P. Di Stefano, E. Turco, <u>P. Defilippi</u> (Italy)		34
09:25	Proffered paper: Overexpression of HER2 and EGFR supports the osseous growth of prostate cancer cells <u>G. Lorenzatti</u> , K.C. Day, S.J. Dawsey, A.R. Paul, S. Daignault-Newton, N. Palanisamy, L. El-Sawy, M.L. Day (USA)		35
09:35	Proffered paper: ATM kinase modulates HER2 tumorigenicity in breast cancer V. Stagni, I. Manni, V. Oropallo, M. Mottolese, A. Di Benedetto, G. Piaggio, R. Falcioni, F. Sperati, M.T. Cencioni, <u>D. Barilà</u> (Italy)		36
09:45	Proffered paper: hMENA11a sustains HER3 activation and contributes to HER3-mediated resistance to PI3K inhibitors <u>P. Trono</u> , F. Di Modugno, R. Circo, S. Spada, R. Melchionna, B. Palermo, S. Matteoni, S. Soddu, R. De Maria, P. Nisticò (Italy)		37
09:55	Proffered paper: Combined inhibition of Ddr1 and Notch signaling is an effective therapeutic strategy to treat K-Ras-driven/p53-null lung adenocarcinomas <u>C. Ambrogio</u> , G. Gómez-López, D. Santamaría, M. Barbacid (Spain)		38
10:05	Proffered paper: Gain of function mutant p53 proteins cooperate with E2F4 to transcriptionally downregulate RAD17 and BRCA1 gene expression F. Valenti, F. Ganci, G. Fontemaggi, A. Sacconi, S. Strano, G. Blandino, <u>S. Di Agostino</u> (Italy)		39
10:45 - 12:30 Symposium: Microenvironment (Auditorium)			
	Chair: M. Colombo (Italy)		
10:45	Learning from imaging the failure of targeted therapy Speaker: E. Sahai (United Kingdom)		40
11:10	Tumor microbiome mediated-chemoresistance Speaker: R. Straussman (Israel)		41

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11:35	Proffered paper: A c-MET inhibitor reduces bone metastases induced by renal cancer stem cells <u>I. Roato</u> , L. Trusolino, L. D'Amico, G. Migliardi, D.C. Belisario, L. Dalle Carbonare, T. Perera, P.M. Comoglio, R. Ferracini (Italy)	42
11:45	Proffered paper: Resistance to MET inhibitors: Which is the role of tumor microenvironment? <u>M. Apicella</u> , A. Bertotti, C. Zanon, S. Giordano, S. Corso (Italy)	43
11:55	Extracellular matrix impinges on immune functions and shapes the tumour microenvironment Speaker: M. Colombo, (Italy)	44
12:20	Discussion & Roundup	
14:30 - 16:15	Symposium: Metabolism (Auditorium) Chair: J. Pouyssegur (France)	
14:30	Hypoxic microenvironment and tumor metabolism Speaker: J. Pouyssegur (France)	45
14:55	Reciprocal metabolic deregulation of tumor/stroma interplay: A new druggable synergy Speaker: P. Chiarugi (Italy)	46
15:20	Proffered paper: Metabolic remodeling and dependence on oxoglutarate dehydrogenase induced by oncogenic PIK3CA <u>N. Ilic</u> , A.J. Aguirre, S. Singh, S.E. Moody, N.A. Spardy, B.A. Weir, J.M. Asara, H.R. Widlund, F. Vazquez, W.C. Hahn (USA)	47
15:30	Proffered paper: TRAPping the metabolic adaptations of NF1-associated tumors <u>I. Masgras</u> , G. Guzzo, F. Piscato, M. Curtarello, S. Indraccolo, F. Calabrese, A.M. Brunati, P. Bernardi, A. Rasola (Italy)	48
15:40	Serine metabolism and cancer therapy – looking for new targets Speaker: K. Vousden (United Kingdom)	49
16:05	Discussion and Roundup	
16:45 - 18:15	Symposium: Undruggable Targets (Auditorium) Chair: K. Vousden (United Kingdom)	
16:45	Extending the reach of target discovery and validation to novel classes Speaker: A. Venkitaraman (United Kingdom)	50
17:15	Targeting cancer's engines, not its drivers Speaker: G.I. Evan (United Kingdom)	51
17:45	Proffered paper: An integrated pipeline for pharmaco-genomic studies in patient derived tumour cells <u>A. Bruna</u> , W. Greenwood, M. Callari, A. Sati, O. Rueda, V. Serra, M. Garnett, C. Caldas (United Kingdom)	52
17:55	Proffered paper: Drugging the undruggable: Development of small molecule activators of protein phosphatase 2A for cancer treatment M. Ohlmeyer, M. Galsky, R. Sears, M. Chance, D. Brautigan, W. Xu, Y. Ioannou, A. DiFeo, <u>G. Narla</u> (USA)	53
18:05	Discussion and Roundup	
18:15 - 19:00	Keynote Lecture: Animal Models (Auditorium) Chair: M. Oren (Israel)	
18:15	Modeling human cancer in mice: An essential tool for the development of future therapies Speaker: M. Barbacid (Spain)	54

TUESDAY 23 JUNE 2015

08:30 - 09:15	Keynote Lecture: Precision Medicine in Oncology (Auditorium) Chair: S. Giordano (Italy)	
08:30	Precision medicine in oncology Speaker: P. Jänne (USA)	55
09:15 - 10:00	Keynote Lecture: Epigenetics (Auditorium) Chair: D. Peeper (Netherlands)	
09:15	Cancer pharmacoepigenetics: Genes and drugs Speaker: M. Esteller (Spain)	56
10:30 - 11:15	Award Lecture: "Giorgio Prodi" Lecture (Auditorium) Chair: S. Giordano (Italy)	
10:30	From seabed to bedside: Lessons learnt from the marine-derived anticancer drug trabectedin Award Lecturer: M. D'Incalci (Italy)	57
11:15 - 13:00	Symposium: Inflammation (Auditorium) Chair: L.M. Coussens (USA)	
11:15	Targeting of tumor-associated macrophages and cancer-related inflammation Speaker: P. Allavena (Italy)	58
11:40	Inflammation and cancer: Reprogramming the immune microenvironment as an anti-cancer therapeutic strategy Speaker: L.M. Coussens (USA)	59
12:05	Proffered paper: The T-cell immune landscape predicts clinical outcome in neuroblastoma <u>D. Fruci</u> , M. Mina, R. Boldrini, A. Citti, P. Romania, V. D'Alicandro, M.A. De Ioris, A. Castellano, C. Furlanello, F. Locatelli (Italy)	60
12:15	Proffered paper: Regulation of the immunosuppressive microenvironment of liver metastases by TNFR2 B. Ham, Z. D'Costa, N. Wang, M.C. Fernandez, F. Bourdeau, P. Auguste, <u>P. Brodt</u> (Canada)	61
12:25	Neutrophilic inflammation and melanoma metastasis Speaker: T. Tüting (Germany)	62
12:50	Discussion & Roundup	
13:00 - 13:35	Closing Session (Auditorium) Chair: S. Giordano (Italy)	
	SIC Awards	
	"Piero Trivella" Award for the Best Posters Speaker: M.G. Trivella (Italy)	
	"Elena Cappannini" Award for the Best 2014 Publication Speaker: F. Fallarino (Italy)	
	"Pezcoller Foundation" Scholarship Award Speaker: D. Bassi (Italy)	
	Travel Grants	
	Conference Highlights & Farewell Message	