TABLE OF CONTENTS

Welcome........................................................................................................3

Committee....................................................................................................6

Direction.....................................................................................................9

Conference Summary.................................................................................11

Agenda.......................................................................................................15

Notes..........................................................................................................33
CONFERENCE SPONSORS

16th Biennial Congress of the Metastasis Research Society gratefully acknowledge the generous support of the sponsors.

DIAMOND SPONSOR

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SILVER SPONSOR

BRONZE SPONSOR

GENERAL SPONSOR
Welcome message from the Presidents of the Congress

Dear Colleagues and Friends:

We are delighted to invite you to participate in the 16th biennial conference of the Metastasis Research Society to be held in Chengdu, China from September 16-20, 2016 (16th MRS Congress).

The scientific program will provide an opportunity for all participants to exchange the latest information, ideas, and practices on cancer metastasis and encourage debate about controversial issues. High standard keynote lectures, oral and postal presentations, panel discussions and workshops will be given by leading experts in the field.

In addition to the excellent scientific program, we have also prepared some exciting social activities that will provide foreign delegates with an opportunity to explore and relax during their stay in Chengdu. The Welcome Reception and Gala Dinner will give participants a chance to network among colleagues while enjoying the cuisine, culture, and warm hospitality of southwestern China.

Chengdu is an amazing city with long history, comfortable climate, fantastic Sichuan cuisine, and distinctive attractions. We look forward to welcoming you at the 16th MRS Congress in Chengdu, China. Please mark the dates 16-20 September 2016!
Presidents of the Congress

Dr. Jonathan Sleeman
Franz-Volhard Professor
President, Metastasis Research Society
Medical Faculty Mannheim

Dr. Qinghua Zhou
Local organizer of the 16th International Biennial Congress of the Metastasis Research Society
Editor-In-Chief of Thoracic Cancer
Editor-In-Chief of Chinese Journal of Lung Cancer
President of Chinese Society of Tumor Metastasis
Director of Sichuan Lung Cancer Institute/Center
West China Hospital, Sichuan University, China

Dr. Yibin Kang
Warner-Lambert/Parke-Davis professor of Molecular Biology
President-Elect, Metastasis Research Society
Princeton University, USA
**About MRS**

The Metastasis Research Society is an international non-profit organization dedicated to promote the exchange of information and furtherance of research into all aspects of Metastasis, from the molecular bases of tumor cell invasion to clinical management of disseminated cancer.

This unique Society commits itself to providing a forum for scientists and clinicians from all over the world with interests in any aspect of the metastatic process. These aims are primarily realized by the organization of major Metastasis Research Society Congresses held every two years, this year in Chengdu, China, and by publication of high quality, peer-reviewed research papers and reviews in the official journals of the Society, Clinical and Experimental Metastasis and Cancer and Metastasis Reviews.

Since the first inaugural meeting organized in 1984 by the society's founder, Dr. Hellman, the society has brought together international experts in the field every two years. 15 international conferences have been organized since that inaugural conference. For information regarding the previous meeting please see as follows.

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<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>President</th>
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<tbody>
<tr>
<td>1984</td>
<td>London, UK</td>
<td>K. Hellmann</td>
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<tr>
<td>1986</td>
<td>Trieste, Italy</td>
<td>T. Giraldi</td>
</tr>
<tr>
<td>1988</td>
<td>Heidelberg, Germany</td>
<td>V. Schirrmacher</td>
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<td>1990</td>
<td>Bethesda, USA</td>
<td>G. Nicolson</td>
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<tr>
<td>1992</td>
<td>Paris, France</td>
<td>M. France-Poupon</td>
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<td>1994</td>
<td>Washington, DC, USA</td>
<td>L. Liotta</td>
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<tr>
<td>1996</td>
<td>Ghent, Belgium</td>
<td>M. Mareel</td>
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<td>1998</td>
<td>San Diego, USA</td>
<td>W. Stetler-Stevenson</td>
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<td>2000</td>
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<td>S. Eccles</td>
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<td>A. Raz</td>
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<tr>
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<td>Genoa, Italy</td>
<td>A. Albini</td>
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<tr>
<td>2006</td>
<td>Tokushima, Japan</td>
<td>S. Sone</td>
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<td>2008</td>
<td>Vancouver, British Columbia, Canada</td>
<td>D. Welch</td>
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<td>2010</td>
<td>Philadelphia, PA USA</td>
<td>P. Steeg</td>
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<tr>
<td>2012</td>
<td>Brisbane, Australia</td>
<td>E. Thompson</td>
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<td>2014</td>
<td>Heidelberg, Germany</td>
<td>J. Sleeman</td>
</tr>
<tr>
<td>2016</td>
<td>Chengdu, China</td>
<td>Q.H. Zhou, Y.B.Kang</td>
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C

OMMITTEE

THE

16th INTERNATIONAL BIENNIAL CONGRESS OF THE MRS & 12th NATIONAL CONGRESS OF ChMRS
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Yibin Kang</td>
<td>Princeton University, USA</td>
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<tr>
<td>Jonathan Sleeman</td>
<td>University of Heidelberg, Germany</td>
</tr>
<tr>
<td>Kazuyuki Itoh</td>
<td>Osaka Medical Center, Japan</td>
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<tr>
<td>Weigang Fang</td>
<td>Peking University, China</td>
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<tr>
<td>Conor C Lynch</td>
<td>H. Lee Moffitt Cancer Center, USA</td>
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<td>Xiuwu Bian</td>
<td>Third Military University, China</td>
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<td>Lalita Shevde-Samant</td>
<td>University of Alabama, USA</td>
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<tr>
<td>Klaus Pantel</td>
<td>University Cancer Center Hamburg, Germany</td>
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<td>Jian Zhang</td>
<td>Guangxi Medical University, China</td>
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<td>Robin Anderson</td>
<td>Peter MacCallum Cancer Centre, Australia</td>
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<tr>
<td>Rajeev S Samant</td>
<td>University of Alabama at Birmingham, USA</td>
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<tr>
<td>Douglas R Hurst</td>
<td>University of Alabama at Birmingham, USA</td>
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<tr>
<td>Andries Zijlstra</td>
<td>Vanderbilt University, USA</td>
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<tr>
<td>Barbara Fingleton</td>
<td>Vanderbilt University, US</td>
</tr>
<tr>
<td>Lunxiu Qin</td>
<td>Fudan University Huashan Hospital, China</td>
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<tr>
<td>LOCAL COMMITTEE</td>
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<tr>
<td><strong>CONGRESS PRESIDENT</strong></td>
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</tbody>
</table>
| Qinghua Zhou  
West China Hospital, China |
| **CO-CHAIRS** |
| Xishan Wang  
Cancer Hospital Chinese Academy of Medical Sciences, China |
| Erwei Song  
Sun Yat-sen Memorial Hospital, Sun Yat-sen University, China |
| Hongquan Zhang  
School of Basic Medical Sciences, Peking University Health Science Center, China |
| **COMMITTEE** |
| Hao Liang  
General Secretary, West China Hospital, China |
| Feng Xu  
General Secretary, West China Hospital, China |
| Li Fu  
Tianjin Medical University Cancer Institute and Hospital, China |
| Zhiqian Zhang  
Cancer Hospital of Peking University, China |
| Guohong Hu  
Shanghai Jiao Tong University School of Medicine, China |
| Yongzhan Nie  
Xijing Hospital, 4th Military Medical University, China |
| Xiaoming Wang  
Xiamen University Affiliated Zhongshan Hospital, China |
| Jianming Xu  
Zhongshan Hospital, Fudan University, China |
| Qiang Liu  
Dalian Medical University, China |
| Yanbo Liang  
Second Affiliated Hospital of Zhejiang University, China |
| Xiao Xu  
Frist Affiliated Hospital of Zhejiang University, China |
| Liang Li  
Southern Medical University Cancer Center, China |
| Musheng Zeng  
Sun Yat-Sen University, China |
| Jianru Xiao  
Changzheng Hospital, Second Military Medical University, China |
| Jian Zhang  
Guangxi Medical University, China |
| Zhengpin Wang  
Beijing Wanter Bio-pharmaceutical, China |
| Wei Guo  
People's Hospital of Peking University, China |
| Lihong Ye  
nNankai University |
| Guangwen Cao  
Second Military Medical University, China |
| Feng Luo  
West China Hospital, China |
| Jia Hu  
West China Hospital, China |
| Zhixi Li  
West China Hospital, China |
| Jiantao Wang  
West China Hospital, China |
| Li Wang  
West China Hospital, China |
| Yanyang Liu  
West China Hospital, China |
| Lin Hang  
West China Hospital, China |
| Qian Zhou  
West China Hospital, China |
| Wen Li  
West China Hospital, China |
| Wenbiao Zhang  
West China Hospital, China |
| Hanyu Deng  
West China Hospital, China |
| Liyuan Yin  
West China Hospital, China |
| Qiang Wu  
West China Hospital, China |
| Ting Wang  
West China Hospital, China |
| Yunfu Deng  
West China Hospital, China |
How to Get There

By Plane

Shuangliu International Airport

Chengdu is benefit from its optimal geographic position within southwest of China. Shuangliu International Airport is a major airline hub in China’s international airport and has expanded to be one of the fastest growing airports in China over the last decade.

a. BUS SHUTTLE:

Bus shuttle to Jinjiang hotel about every 20 minutes at gate 1 in the Terminal 1 and gate 4 in the Terminal 2 (10RMB/person).

It takes you about 80 minutes from the airport to the hotel passing through 4 stations (Shuangliu international airport station, Nijia bridge station, Sichuan gymnasium station and Huaxiba station). There are only about 10 minutes walking from Huaxiba station to Jinjiang hotel.

b. TAXIS:

Taxis are available at the airport a few meters after customs clearance. Taxis are safe and cheap. A taxi drive from the airport to the Jinjiang hotel takes about 35 minutes (about 65 RMB).
By Railway

Chengdu occupies a hub position in China’s international rail network, and intercity express trains connect Chengdu with all parts of China. The main train stations are the Chengdu North railway station and the newly built Chengdu East railway Station.

a. CHENGDU METRO:

Chengdu metro makes it convenient and safe to reach the hotel from the railway station. There are only 5 stations from the North railway station to the Jinjiang hotel station by the Metro Line 1. It takes you about 30 minutes by Metro Line 2 from the Chengdu East railway Station to Tianfu square station for the interchange of Metro Line 1 and then the next station by Metro Line 1 is the Jinjiang hotel.

b. TAXIS:

A taxi drive from the North railway station to the Jinjiang hotel takes about 20 minutes and 20 RMB. It takes about 30 minutes and 40 RMB from the East railway Station by taxi.
## CONFERENCE SUMMARY

### ONSITE REGISTRATION HOURS

<table>
<thead>
<tr>
<th>Location</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Lobby of VIP Building (VIP)</td>
<td>09:00-22:00</td>
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<tr>
<td>East Lobby (general)</td>
<td>07:30-08:00</td>
</tr>
<tr>
<td>Saturday, September 17</td>
<td>12:00-18:30</td>
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### SPEAKER READY ROOM HOURS

<table>
<thead>
<tr>
<th>Location</th>
<th>Hours</th>
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<tbody>
<tr>
<td>HUANGLONG HALL, 2nd F, NORTH WING</td>
<td>Thursday, 8:00-22:00</td>
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<td>Monday, 08:00-12:00</td>
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### EXHIBIT HOURS

<table>
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<tr>
<th>Location</th>
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<td>CORRIDOE OF 2nd F, NORTH WING</td>
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<td>Monday, 08:00-17:40</td>
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### INDUSTRY SPONSOR MEETING

<table>
<thead>
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<th>Location</th>
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<tbody>
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### OFFICIAL NETWORKING EVENTS

**Friday, September 16**
- **ECAM SATELLITE SYMPOSIUM I**
  - DIGNITARY HALL
  - Time: 07:30-12:00
- **SATELLITE SYMPOSIUM II**
  - FOUR SEASON HALL
  - Time: 08:45-12:00
- **TOPIC 1-2**
  - LOUVRE GARDEN
  - Time: 15:15-18:45

**Saturday, September 17**
- **TOPIC 3-4**
  - LOUVRE GARDEN
  - Time: 08:00-11:30
- **SHORT TALKS**
  - Time: 13:00-17:30
- **POSTER SESSION I**
  - BROCADE CITY ROOM
  - Time: 17:30-19:00

**Sunday, September 18**
- **OPENING CEREMONY**
  - JIN JIANG AUDITORIUM
  - Time: 08:30-09:30
- **TOPIC 5-8**
  - LOUVRE GARDEN
  - Time: 09:30-17:15
- **POSTER SESSION II**
  - BROCADE CITY ROOM
  - Time: 17:15-19:15

**Monday, September 19**
- **TOPIC 9-10**
  - LOUVRE GARDEN
  - Time: 08:00-12:30
- **MRS YOUNG INVESTIGATOR AWARD**
  - LOUVRE GARDEN
  - Time: 16:25-17:10
- **CLOSING REMARKS**
  - LOUVRE GARDEN
  - Time: 17:25-17:40
# CONFERENCE SUMMARY

## CONFERENCE AT A GLANCE

<table>
<thead>
<tr>
<th>FRIDAY, SEPTEMBER 16, 2016</th>
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</table>
AGENDA

The 16th Biennial Congress of the Metastasis Research Society &
The 12th National Congress of the Chinese Society of Tumor Metastasis

Venue
Chengdu JinJiang Hotel, Chengdu, Sichuan Province, China

Co-Chairs:

- Jonathan Sleeman (University of Heidelberg, Germany)
- Yibin Kang (Princeton University, USA)
- Qinghua Zhou (West China Hospital, Sichuan University, China)
Scientific Committee:
- Lalita Shevde-Samant (University of Alabama at Birmingham, USA), MRS
- Robin Anderson (Peter MacCallum Cancer Centre, Australia), MRS
- Douglas R Hurst (University of Alabama at Birmingham, USA), MRS
- Barbara Fingleton (Vanderbilt University, USA), MRS
- Kazuyuki Itoh (Osaka Medical Center of Cancer, Japan), MRS
- Conor C Lynch (H. Lee Moffitt Cancer Center, USA), MRS
- Klaus Pantel (University Cancer Center Hamburg, Germany), MRS
- Rajeev S Samant (University of Alabama at Birmingham, USA), MRS
- Andries Zijlstra (Vanderbilt University, USA), MRS
- Lunxiu Qin (Fudan University Huashan Hospital, China), ChMRS
- Weigang Fang (Peking University, China), ChMRS
- Xiuwu Bian (Third Military University, China), ChMRS
- Jian Zhang (Guangxi Medical University, China), ChMRS

Speaker Ready Room Hours
Room: Huanglong Hall, 2nd Floor, North Wing

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
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</thead>
<tbody>
<tr>
<td>8:00-22:00</td>
<td>Thursday, September, 15</td>
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<tr>
<td>8:00-22:00</td>
<td>Friday, September, 16</td>
</tr>
<tr>
<td>8:00-22:00</td>
<td>Saturday, September, 17</td>
</tr>
<tr>
<td>8:00-22:00</td>
<td>Sunday, September, 18</td>
</tr>
<tr>
<td>8:00-12:00</td>
<td>Monday, September, 19</td>
</tr>
</tbody>
</table>

Registration
Location: (1)VIP: Lobby of VIP Building  (2)Group and General Participants: East Lobby

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-22:00</td>
<td>Thursday, September, 15</td>
</tr>
<tr>
<td>12:00-18:30</td>
<td>Friday, September, 16</td>
</tr>
</tbody>
</table>
7:30-10:00  ECAM Satellite Symposium I

Room: Dignitary Hall, 1st Floor, North Wing
Chairperson: Thomas Cox, University of Copenhagen, Denmark

8:00-8:15  Welcome

8:15-8:45  Cyrus Ghajar, Fred Hutchinson Cancer Center, US (Keynote Talk)

8:45-9:00  Positively selected enhancer elements endow tumor cells with metastatic competence

James Morrow, Case Western Reserve University, US (Abstract#: 01-018)

9:00-9:15  High-resolution sequencing of the transcriptome of single disseminated prostate cancer cells

Miodrag Gužvić, University of Regensburg, Germany (Abstract#: 03-005)

9:15-9:30  Cancer Associated Fibroblasts Share Characteristics of Mesenchymal Stromal Cells and Promote a Pro-Tumorigenic Environment in a STAT3 and ERK1/2-Dependent Manner

Lucia Borriello, Children’s Hospital Los Angeles, US (Abstract#: 05-001)

9:30-9:45  Role of microglia in the early stages of brain metastasis

Kleopatra Andreou, University of Oxford, UK (Abstract#: 08-010)

9:45-10:00  Neutrophils as therapeutic targets in metastatic breast cancer

Kellie Mouchemore, Peter MacCallum Cancer Centre, Australia (Abstract#: 08-013)

10:00-10:30  COFFEE BREAK

10:30-12:00  ECAM Satellite Symposium I

Room: Dignitary Hall, 1st Floor, North Wing
Chairperson: Adrian Weigmanns, QIMR Berghofer Medical Research Institute, Australia

10:30-11:00  Industry speaker: Liping Liu, Ph.D., MBA, CEO & CSO

Shenzhen HighTide Biopharmaceutical, Ltd., China

11:00-11:15  Tinagl1 Suppresses Triple-negative Breast Cancer Progression by Simultaneous Targeting FAK and EGFR Signaling Pathways

Minhong Shen, Princeton University, US (Abstract#: 12-007)
11:15-11:30 Targeting Jagged1 in breast cancer bone metastasis and chemo-resistance
Hanqiu Zheng, Princeton University, US (Abstract#: 13-001)

11:30-11:45 Hypoxia-activated pro-drug Evofosfamide exhibits potent tumor suppressive activity and cooperates with chemotherapy against osteosarcoma
Vasilios Liapis, University of Adelaide, Australia (Abstract#: 13-002)

11:45-12:00 Wrap-up

12:00-13:00 LUNCH & MEET THE EARLY CAREER LEADERSHIP COUNCIL
Room: Dignitary Hall, 1st Floor, North wing

13:00-14:00 MEET THE PROFESSORS
Room: Dignitary Hall, 1st Floor, North wing
Chairperson: Lucia Borriello, University of Southern California, US
Sandra Scherer, University of Heidelberg, Germany

8:45-9:55 Satellite Symposium II (Chinese Young Investigator)
Room: Four Season Hall, 1st Floor, North Wing
Chairperson: Yongzhan Nie, the Fourth Military Medical University

8:45-8:55 Serum microRNA-139-5p is a biomarker of bone metastasis in lung cancer patient
Xu Song, Tianjin Medical University General Hospital, China (Abstract#: 01-017)

8:55-9:05 Induction of the Mesenchymal to Epithelial Transition by Demethylation-Activated microRNA-125b is Involved in the Anti-Migration/Invasion Effects of Arsenic Trioxide on Human Chondrosarcoma
Xing Bao, Peking University People’s Hospital, China (Abstract#: 01-021)

9:05-9:15 The Role of Human Endogenous Retrovirus LTR70-AK124454 in Breast Cancer
Jin Xi, Fudan University, China (Abstract#: 01-031)

9:15-9:25 LncRNA uc.134 Represses Hepatocellular Carcinoma Progression by Regulating Hippo-LATS1/YAP Signaling via Inhibition of Ubiquitin-ligase CUL4A
Ni Wen, Southern Medical University, China (Abstract#: 01-035)

9:25-9:35 Metformin and Arsenic Trioxide Cooperate to Suppress Intrahepatic Cholangiocarcinoma Growth and Invasion via Both AMPK/p38MAPK and mTORC1 Pathways
Sunbin Ling, Zhejiang University School of Medicine, China (Abstract#: 01-036)

9:35-9:45 Colorectal cancer cell-derived exosomes stimulate type M1 macrophage in pre-metastatic niche
Yingkuan Shao, The Second Affiliated Hospital, Zhejiang University School of Medicine, China (Abstract#: 04-009)

9:45-9:55 Variable Intra-Tumor Genomic Heterogeneity of Multiple Lesions in Patients With Hepatocellular Carcinoma
Ruidong Xue, Peking University, China (Abstract#: 05-004)

9:55-10:25 COFFEE BREAK

10:25-12:00 Satellite Symposium II (Chinese Young Investigator)
Room: Four Season Hall, 1st Floor, North Wing
Chairperson: Xiwu Bian, Third Military Medical University, China

10:25-10:35 The secretary phenotype of bleomycin-induced senescent epithelial tumor cells promoted proliferation and migration of associated non-senescent tumor cells
Dan Pu, West China Hospital, China (Abstract#: 06-003)

10:35-10:45 Nifuroxazide exerts potent anti-tumor and anti-metastasis activity in melanoma
Yongxia Zhu, West China Hospital, China (Abstract#: 09-010)

10:45-10:55 DNA methylation in CTC and ctDNA is a promising marker for early detection of lung cancer metastasis
Xiaoming Qiu, West China Hospital, China (Abstract#: 11-004)

10:55-11:05 Acetylation of fascin on lysine 471 inhibits growth and motility of esophageal cancer cells by reducing actin binding
FaMin Zeng, Shantou University Medical College, China (Abstract#: 12-020)

11:05-11:15 COPS3 interacts with Raf-1 promotes metastasis of osteosarcoma via Raf-1/MEK/ERK/RSK signaling
Fan Zhang, Peking University, China (Abstract#: 12-031)

11:15-12:00 Industry speaker: Haidong Chi, Eli Lilly
Jessie Peiluo Zou, Eli Lilly
Friday, September 16

12:00-13:00 LUNCH & MEET THE EARLY CAREER LEADERSHIP COUNCIL  
*Room: Dignitary Hall, 1st Floor, North Wing*

13:00-14:00 MEET THE PROFESSORS  
*Room: Dignitary Hall, 1st Floor, North Wing.*  
*Chairperson:* Lucia Borriello, University of Southern California, USA  
Sandra Scherer, University of Heidelberg, Germany

10:00-11:00 CEM Editorial Board Meeting  
*Room: Chamber of Lotus, 2nd Floor, VIP Building*

11:00-13:00 MRS Executive Board Meeting  
*Room: Chamber of Lotus, 2nd Floor, VIP Building*

12:00-18:30 Registration  
*Location:*  
1) VIP: Lobby of VIP Building  
2) Group and General Participants: East Lobby

14:00-14:15 Opening Remarks  
*Room: Louvre Garden, 1st Floor, North Wing*  
- Jonathan Sleeman, University of Heidelberg, Germany, President, MRS  
- Qinghua Zhou, West China Hospital, China, President, ChMRS  
- Yibin Kang, Princeton University, President-Elect, MRS

14:15-15:15 Keynote Lecture  
*Room: Louvre Garden, 1st Floor, North Wing*  
*Chairperson:* Yibin Kang, Princeton University, US  
Latency, Immune Evasion and Outbreak of Metastatic Stem Cells  
Joan Massagué, Sloan-Kettering Institute, US

15:15-16:15 Topic 1: Heterogeneity and metastatic evolution  
*Room: Louvre Garden, 1st Floor, North Wing*  
*Chairperson:* Douglas Hurst, University of Alabama, US

15:15-15:45 Decoding Phenotype Heterogeneity and Transitions in Small Cell Lung Cancer  
Vito Quaranta, Vanderbilt University, US
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>15:45-16:15</td>
<td>Single-cell analysis of cancer progression and metastasis</td>
<td><em>Devon Lawson, University of California-Irvine, US</em></td>
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<tr>
<td>16:15-16:45</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>16:45-18:45</td>
<td><strong>Topic 2: EMT, CSC and plasticity</strong></td>
<td><strong>Room: Louvre Garden, 1st Floor, North Wing</strong></td>
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<td><strong>Chairperson:</strong> Andries Zijlstra, Vanderbilt University, US</td>
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<tr>
<td>16:45-17:15</td>
<td>EMT in the progression of carcinoma; therapeutic implications</td>
<td><em>Jean Paul Thiery, National University of Singapore, Singapore</em></td>
</tr>
<tr>
<td>17:15-17:45</td>
<td>Regulation of Cell Differentiation by Actin Dynamics and its Application in Cancer Treatment</td>
<td><em>Hideyuki Saya, Keio University, Japan</em></td>
</tr>
<tr>
<td>17:45-18:15</td>
<td>Cancer Stem Cells Interact with Microenvironment to Promote Tumor Invasion and Metastasis</td>
<td><em>Xiuwu Bian, Third Military Medical University, China (ChMRS)</em></td>
</tr>
<tr>
<td>18:15-18:45</td>
<td>Role of integrin-interacting proteins in the control of cancer cell plasticity and metastasis</td>
<td><em>Hongquan Zhang, Peking University, China (ChMRS)</em></td>
</tr>
<tr>
<td>19:15</td>
<td><strong>Conference Reception dinner</strong></td>
<td><strong>Room: Louvre Garden, 1st Floor, North Wing</strong></td>
</tr>
<tr>
<td>21:00-22:30</td>
<td><strong>chMRS Board member’s Meeting</strong></td>
<td><strong>Room: Four Season Hall, 1st Floor, North Wing</strong></td>
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</tbody>
</table>
### Saturday, September 17

#### 8:00-10:00  
**Topic 3: Metastasis organotropism**  
**Room:** Louvre Garden, 1st Floor, North Wing  
**Chairperson:** Conor Lynch, H. Lee Moffitt Cancer Center, US  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>8:00-8:30</td>
<td>Cancer-associated muscle weakness: What's bone got to do with it</td>
<td>Theresa Guise, Indiana University, US</td>
</tr>
<tr>
<td>8:30-9:00</td>
<td>Elucidating cellular and molecular mechanisms that promote liver metastasis</td>
<td>Peter Siegel, McGill University, Canada</td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>New insights into early-stage bone colonization of disseminated breast cancer cells</td>
<td>Xiang H.-F. Zhang, Baylor College of Medicine, US</td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>GOLM1 Modulates EGFR/RTK Cell-Surface Recycling to Drive Hepatocellular Carcinoma Metastasis</td>
<td>Lunxiu Qin, Fudan University, China (ChMRS)</td>
</tr>
</tbody>
</table>

**10:00-10:30  
Coffee Break**

#### 10:30-11:30  
**Topic 4: Dormancy and DTCs**  
**Room:** Louvre Garden, 1st Floor, North Wing  
**Chairperson:** Klaus Pantel, University Medical Center, Germany  

<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>10:30-11:00</td>
<td>Perivascular regulation of disseminated tumor cell dormancy and chemo-resistance</td>
<td>Cyrus Ghajar, Fred Hutchinson Cancer Research Center, US</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>The evolution of breast cancer CTCs mediating brain metastasis</td>
<td>Dario Marchetti, Houston Methodist Research Institute, US</td>
</tr>
</tbody>
</table>

#### 11:45-12:45  
**Lunch Session:** Meet the Journal Editors  
**Room:** Dignitary Hall, 1st Floor, North Wing  
**Chairperson:** Yibin Kang and Jonathan Sleeman  

- Colleen Brady, Cancer Cell
- Alexia-Ileana Zaromytidou, Nature Cell Biology
<table>
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<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td>11:30-13:00</td>
<td><strong>Satellite Symposium &amp; Lunch by GENO</strong></td>
<td><em>Chengdu Hall, 3rd Floor, VIP Building</em></td>
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<tr>
<td>11:30-13:00</td>
<td><strong>Satellite Symposium &amp; Lunch by Medtronic</strong></td>
<td><em>Brocade City Room, 2nd Floor, North Wing</em></td>
</tr>
<tr>
<td>13:00-15:15</td>
<td><strong>Concurrent Symposium I (Short talks)</strong></td>
<td>Room: <em>Dignitary Hall, 1st Floor, North Wing</em>&lt;br&gt;Chairperson: Angelina Londono, University of Alabama at Birmingham, US</td>
</tr>
<tr>
<td>13:00-13:15</td>
<td>GRHL2-miR-200-ZEB1 maintains the epithelial status through transcriptional and epigenetic regulation&lt;br&gt;&lt;br&gt;Ruby YunJu Huang, National University of Singapore, Singapore (Abstract#:02-008)</td>
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</tr>
<tr>
<td>13:15-13:30</td>
<td>Ler2-driven senescence induces expression of factors that promote cancer progression and metastasis&lt;br&gt;&lt;br&gt;Lenka Kyjacova, University of Heidelberg, Germany (Abstract#:06-001)</td>
<td></td>
</tr>
<tr>
<td>13:30-13:45</td>
<td>Impact of intratumoral clonal heterogeneity on phenotype and drug response&lt;br&gt;&lt;br&gt;Anton Wellstein, Georgetown University Medical School, US (Abstract#:05-011)</td>
<td></td>
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<tr>
<td>13:45-14:00</td>
<td>New insights on how an inflammatory tumor microenvironment promotes invasion and early stage breast cancer metastasis&lt;br&gt;&lt;br&gt;Cheryl Jorcyk, Boise State University, US (Abstract#:08-005)</td>
<td></td>
</tr>
<tr>
<td>14:00-14:15</td>
<td>Context-dependent Actions of Heat Shock Factor 1 (HSF1) and Implications for Therapeutic Targeting&lt;br&gt;&lt;br&gt;John Price, Victoria University, Australia (Abstract#:08-012)</td>
<td></td>
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<tr>
<td>14:15-14:30</td>
<td>Role of osteoblasts in osteolytic bone metastasis of renal cell carcinoma&lt;br&gt;&lt;br&gt;Robert Satcher, MD Anderson Cancer Center, US (Abstract#:12-010)</td>
<td></td>
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<tr>
<td>14:30-14:45</td>
<td>Elucidating the role of ZEB1 in metastatic castration resistant prostate cancer&lt;br&gt;&lt;br&gt;Katrina Sweeney, Queensland University of Technology, Australia (Abstract#:02-016)</td>
<td></td>
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<tr>
<td>14:45-15:00</td>
<td>MACC1 – key player and intervention target in solid cancer metastasis&lt;br&gt;&lt;br&gt;Ulrike Stein, Max-Delbrück-Center for Molecular Medicine, Germany (Abstract#:12-005)</td>
<td></td>
</tr>
</tbody>
</table>
15:00-15:15 Nuclear-mitochondrial crosstalk regulate nuclear DNA methylation and gene expression
Danny Welch, Kansas University Medical Center, US (Abstract#:12-003)

15:15-15:45 Coffee Break

15:45-17:00 Concurrent Symposium I (Short talks)

Room: Dignitary Hall, 1st Floor, North Wing
Chairperson: Lucia Borriello, Children’s Hospital Los Angeles, US

15:45-16:00 Development and validation of a clinically relevant mouse model of breast cancer brain metastasis
Normand Pouliot, The University of Melbourne, Australia (Abstract#:07-002)

16:00-16:15 The potency of DNA-PKCs phosphorylation mediated by EGFR nuclear translocation as a new target of anti-cancer agent
Haruhiko Makino, Tottori University, Japan (Abstract#:14-002)

16:15-16:30 Dual-specific T cells and oncolytic virus eradicate large solid tumors
Clare Y Slaney, Peter MacCallum Cancer Centre, Australia (Abstract#:09-008)

16:30-16:45 Lung Epithelial Cell-Specific Expression of Human Lysosomal Acid Lipase Ameliorates Lung Inflammation and Tumor Metastasis in lal−/− Mice
Cong Yan, Indiana University School of Medicine, US (Abstract#:01-022)

16:45-17:00 The role for GALNT14 in lung metastasis of breast cancer
Mi Young Kim, KAIST, South Korea (Abstract#:01-044)

13:00-15:10 Concurrent Symposium II

Room: Louvre Garden, 1st Floor, North Wing
Chairperson: Erik W Thompson, University of Melbourne, Australia
Zhimin Shao, Fudan University, China

13:00-13:30 Epithelial-Mesenchymal Plasticity Status in Circulating Tumor Cells of Breast Cancer Xenograft Models
Erik W Thompson, University of Melbourne, Australia
Combination of patient derived xenografts and a modular 3D microenvironment platform technology enable modelling of osteoblastic prostate cancer bone metastasis

Elizabeth D. Williams, Queensland University of Technology, Australia

Targeting androgen receptor in metastatic prostate cancer

Zhou Wang, University of Pittsburgh Cancer Institute, US

Comprehensive transcriptome analyses identify novel molecular subtypes and an integrated mRNA-lncRNA signature in triple-negative breast cancer

Zhimin Shao, Fudan University, China

The regulation of metastasis for nasopharyngeal carcinoma

Tiebang Kang, Sun Yat-sen University Cancer Center, China (Abstract#:02-026)

Coffee Break

Concurrent Symposium II

Room: Louvre Garden, 1st Floor, North Wing

Chairperson: Elizabeth D. Williams, University of Melbourne, Australia

Zhou Wang, University of Pittsburgh Cancer Institute, US

Function and mechanism of STAT3β in esophageal squamous cell carcinoma

Enmin Li, Shantou University Medical College, China (Abstract#:07-015)

SMYD3-recruited IncRNA EZR-AS1 maintains overexpression of EZR in ESCC cells

LiYan Xu, Shantou University Medical College, China (Abstract#:01-026)

Interaction of prostate cancer cells with microenvironment promotes tumor cells dissemination via Akt/AMPKα/mTOR pathway

Yi Lu, Guangxi Medical University, China (Abstract#:03-004)

PD 0332991, a selective cyclin D kinase 4/6 inhibitor, sensitizes lung cancer cells to killing by EGFR TKIs

Jun Chen, Tianjin Medical University General Hospital, China (Abstract#:09-013)

MiR-26a enhances metastasis potential of lung cancer cells

Ke Xu, Tianjin Medical University General Hospital, China (Abstract#:01-043)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors</th>
<th>Institutions</th>
<th>Abstracts</th>
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<tbody>
<tr>
<td>13:00-15:00</td>
<td>Concurrent Symposium III (Short talks)</td>
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<td></td>
<td><strong>Room:</strong> Four Season Hall, 1st Floor, North Wing</td>
<td><strong>Chairperson:</strong> kang Tiebang, Sun Yat-sen University Cancer Center, China</td>
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<tr>
<td>13:00-13:12</td>
<td>miRNA-663 suppresses glioma cell invasion and has prognostic and therapeutic value for glioblastoma</td>
<td>Yu Shi, The Third Military Medical University, China</td>
<td>(Abstract#:01-019)</td>
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<tr>
<td>13:12-13:24</td>
<td>The expression of PANDA, LincRNA-p21, PUMA in lung tissues of lung cancer patients in Xuanwei area of Yunnan Province</td>
<td>Runxiang Yang, The Third Affiliated Hospital of Kunming Medical University, China</td>
<td>(Abstract#:01-034)</td>
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<tr>
<td>13:24-13:36</td>
<td>POU2F2-oriented network promotes human gastric cancer metastasis</td>
<td>Xiangyuan Zhang, Fourth Military Medical University, China</td>
<td>(Abstract#:01-038)</td>
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<tr>
<td>13:36-13:48</td>
<td>The expression of KPNA2 in Chinese radical prostatectomy and its underlying mechanisms in prostate cancer</td>
<td>Shaojing Du, Peking University Health Science Center, China</td>
<td>(Abstract#:02-013)</td>
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<tr>
<td>13:48-14:00</td>
<td>Dysregulation of NPTN-IT1/NF90 axis by TGFbeta1 induces stemness of bladder cancer cells and tumor recurrence</td>
<td>Yan Jun, Nanjing University, China</td>
<td>(Abstract#:02-014)</td>
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<td>14:00-14:12</td>
<td>Effects of Nanog on endothelial cells promoting stem-like phenotype of CD133 negative glioma cells</td>
<td>Mengsi Zhang, Third Military Medical University, China</td>
<td>(Abstract#:02-019)</td>
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<tr>
<td>14:12-14:24</td>
<td>MiR-20a/106a mediated WTX loss promotes CRC liver metastasis through CDC42 dependent cytoskeleton dynamics regulation</td>
<td>Qingling Zhang, Southern Medical University, China</td>
<td>(Abstract#:05-008)</td>
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<tr>
<td>14:24-14:36</td>
<td>Cerebrospinal fluid of the non-small cell lung cancer patients with leptomeningeal metastasis is a valuable liquid biopsy tissue used for detecting EGFR mutations</td>
<td>Yan Xu, Peking Union Medical College Hospital, China</td>
<td>(Abstract#:07-009)</td>
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<td>14:36-14:48</td>
<td>Crucial roles of RSK in cell motility by catalyzing Ser-897 phosphorylation of EphA2</td>
<td>Yue Zhou, Shanghai University of Traditional Chinese Medicine, China</td>
<td>(Abstract#:08-006)</td>
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</tbody>
</table>
**CD4+Foxp3+ regulatory T cells promote tumor growth and metastasis by the enhancement of tumor-associated macrophages polarization in Lewis lung cancer mice**

*Jinyan Wang, China Medical University, China (Abstract#: 08-017)*

**Coffee Break**

**Concurrent Symposium III (Short talks)**

*Room: Four Season Hall, 1st Floor, North Wing*

*Chairperson: Jun Chen, Tianjin Medical University General Hospital, China*

15:32-15:44 Histone demethylase JMJD2D promotes colorectal cancer metastasis by enhancing glycolysis through co-activation of HIF1α

*Kesong Peng, Xiamen University, China (Abstract#:12-016)*

15:44-15:56 A Unique Genetic Prediction Model for Postoperative Survival in Hepatocellular Carcinoma Patients

*Qiongzhui Dong, Fudan University, China (Abstract#:12-017)*

15:56-16:08 Kisspeptin-10 Inhibits Bone Metastasis and Bone Destruction in Breast Cancer Through Recruitment and Activation of Phosphatase PP2A via GPR54(KISS1R)

*Zhenxi Li, Second Military Medical University, China (Abstract#:13-008)*

16:08-16:20 Establishment and validation of human cancer cells with Cas9 stable expression

*Xiaocui Bian, Peking Union Medical College, China (Abstract#:14-006)*

16:20-16:32 Neuraxis Metastasis from Central Nervous System Tumors: A study of clinical features in 130 cases from a single center

*Mingshan Zhang, Capital Medical University, China (Abstract#:14-009)*


*Yang Li, Tianjin Medical University General Hospital, China (Abstract#:01-041)*

16:48-17:00 Clinical analysis of thoracoscopic pleural biopsy and carbon fixation in the treatment of refractory malignant pleural effusion

*Wenqing Chen, Jilin Province Cancer Hospital, China (Abstract#:13-011)*
17:30-19:00 Poster Session I
*Room:* Brocade City Room, 2nd Floor, North Wing

19:30-21:00 chMRS Young Member Election Meeting
*Room:* Four Season Hall, 1st Floor, North Wing

19:30-21:00 Editorial Board Meeting (Thoracic Cancer) (Chinese Journal of Lung Cancer)
*Room:* Dignitary Hall, 1st Floor, North Wing
<table>
<thead>
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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30-9:30</td>
<td>Opening ceremony with attendance of Sichuan and Chengdu government officials&lt;br&gt;Check-in: 7:30-8:20 (with tickets)&lt;br&gt;Location: JingJiang Auditorium&lt;br&gt;Group photo&lt;br&gt;Location: Stair at the Front Gate of JingJiang Auditorium</td>
</tr>
<tr>
<td>9:30-11:00</td>
<td><strong>Topic 5: Liquid Biopsy: Circulating tumor cells vs. ctDNA</strong>&lt;br&gt;&lt;br&gt;<em>Room</em>: Louvre Garden, 1st Floor, North Wing&lt;br&gt;<em>Chairperson</em>: Klaus Pantel, University Medical Center, Germany&lt;br&gt;&lt;br&gt;9:30-10:00  Liquid Biopsy: Blood-based detection and characterization of circulating tumor cells and circulating nucleic acids&lt;br&gt;<em>Klaus Pantel, University Medical Center, Germany</em>&lt;br&gt;&lt;br&gt;10:00-10:30 Detection, characterization and ex vivo expansion of viable circulating tumor cells&lt;br&gt;<em>Catherine Alix-Panabieres, University Institute of Clinical Research, France</em>&lt;br&gt;&lt;br&gt;10:30-11:00 Liquid biopsies as non-invasive tool to monitor tumor genomes&lt;br&gt;<em>Michael Speicher, Medical University of Graz, Austria</em></td>
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<tr>
<td>11:00-13:00</td>
<td><strong>Topic 6: Stress, inflammation, and immune regulation of metastasis</strong>&lt;br&gt;&lt;br&gt;<em>Room</em>: Louvre Garden, 1st Floor, North Wing&lt;br&gt;<em>Chairperson</em>: Robin Anderson, Peter MacCallum Cancer Centre, Australia&lt;br&gt;&lt;br&gt;11:00-11:30 The Immune System: A Double-Edged Sword in Metastatic Breast Cancer&lt;br&gt;<em>Karin de Visser, Netherlands Cancer Institute, Netherlands</em>&lt;br&gt;&lt;br&gt;11:30-12:00 Innate sensors in cancer progression and immunotherapy&lt;br&gt;<em>Xuetao Cao, Chinese Academy of Medical Sciences, China</em>&lt;br&gt;&lt;br&gt;12:30-13:00 Cellular senescence, the tumor microenvironment and cancer metastasis&lt;br&gt;<em>Judith Campisi, Buck Institute for Research in Aging, US</em></td>
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<tr>
<td>12:30-13:30</td>
<td><strong>Lunch Session: Patient Advocates Forum</strong>&lt;br&gt;&lt;br&gt;<em>Room</em>: Dignitary Hall, 1st Floor, North Wing&lt;br&gt;<em>Chairperson</em>: Irwin Gelman, Rosewell Park Cancer Institute, US</td>
</tr>
<tr>
<td>12:30-13:30</td>
<td><strong>Satellite Symposium&amp; Lunch by Lily</strong>&lt;br&gt;&lt;br&gt;<em>Room</em>: Sichuan Hall, 3rd Floor, VIP Building</td>
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</tbody>
</table>
12:30-13:30 **Satellite Symposium & Lunch by DIAO**  
*Room: Chengdu Hall, 3rd Floor, VIP Building*

13:30-14:15 **Kurt Hellmann Award Lecture**  
*Room: Louvre Garden, 1st Floor, North Wing*  
*Chairperson: Qinghua Zhou, West China Hospital, China*  

Brain Metastasis of Breast Cancer  
*Patricia Steeg, National Cancer Institute, US*

14:15-15:15 **Topic 7: Advanced imaging in metastasis research and treatment**  
*Room: Louvre Garden, 1st Floor, North Wing*  
*Chairperson: Rajeev Samant, University of Alabama, US*

- Illuminating Cancer Systems with Imaging Reporters: p53 deficiency and metastatic potential in PDX models of triple negative breast  
  *David Piwnica-Worms, M.D. Anderson Cancer Center, US*
- Plasticity of cancer invasion and metastasis  
  *Peter Friedl, M.D. Anderson Cancer Center, US*

15:15-15:45 **Coffee Break**

15:45-17:15 **Topic 8: Immunotherapy, targeted therapies and drug development**  
*Room: Louvre Garden, 1st Floor, North Wing*  
*Chairperson: Kazuyuki Itoh, Osaka Medical Center, Japan*

- Pathways Controlling Response and Resistance to Immune Checkpoint Blockade for Cancer  
  *Andy Minn, University of Pennsylvania, US*
- The enhancement of chimeric antigen receptor (CAR) T cell therapy for treating solid tumors  
- Clare Slaney, Peter MacCallum Cancer Centre, Australia  
  Translational medicine of lung cancer metastasis: from bench to bedside  
  *Qinghua Zhou, West China Hospital, Sichuan University, China, ChMRS*

17:15-19:15 **Poster Session II**  
*Room: Brocade City Room, 2nd Floor, North Wing*

19:15 **Invited Speaker Dinner**  
*Location: Garden Restaurant, 9th Floor, East Wing*
8:00-10:00  Topic 9: Exosomes and other vesicles in metastasis

Room: Louvre Garden, 1st Floor, North Wing
Chairperson: Thomas Cox, University of Copenhagen, Denmark

8:00-8:30  Tumor exosomes promote organotrophic metastasis
David Lyden, Weil Cornell Medical College, US

8:30-9:00  Large Oncosomes: New Frontiers for Intercellular Communication in Cancer
Dolores Di Vizio, Cedars-Sinai, US

9:00-9:30  Autocrine role of exosomes in migration and invasion
Alissa Weaver, Vanderbilt University, US

9:30-10:00  Exosome-derived microRNAs contribute to prostate cancer chemo-resistance
Jian Zhang, Guangxi Medical University, China, ChMRS

10:00-10:30  Coffee Break

10:30-12:30  Topic 10: Non-coding RNAs and other regulators in metastasis

Room: Louvre Garden, 1st Floor, North Wing
Chairperson: Barbara Fingleton, Vanderbilt University, US

10:30-11:00  Regulation of Tumor Metastasis and Radioresistance by MicroRNAs and Their Targets
Li Ma, M.D. Anderson Cancer Center, US

11:00-11:30  Noncoding RNA regulates breast cancer metastasis
Erwei Song, Sun Yat-sen Memorial Hospital, China (ChMRS)

11:30-12:00  Competitive IncRNA Pair Controls Cancer Metastasis by Regulating EphrinA1 Translation
Tianhua Zhou, Zhejiang University, China

12:00-12:30  Macrophage signaling cascade determines breast cancer distal metastasis
BinZhi Qian, University of Edinburgh, UK

12:30-14:30  Lunch Session: MRS Annual General Membership Meeting
Room: Four Season Hall, 1st Floor, North Wing

12:30-13:30  Satellite Symposium & Lunch by Sciclone Pharmaceuticals
Room: Jinjiang Hall, 2nd Floor, West and North Wing
12:30-13:30  **Satellite Symposium & Lunch by Jiangsu HengRui**  
*Room:* Sichuan Hall, 3rd Floor, VIP Building

12:30-13:30  **Satellite Symposium & Lunch by Simcere**  
*Room:* Jinjiang Hall, 2nd Floor, West and North Wing

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14:30-15:10  **ECAM-selected speaker**  
*Room:* Louvre Garden, 1st Floor, North Wing  
*Chairperson:* Lalita Shevde-Samant, University of Alabama, US

Blocking breast cancer metastasis by targeting synergistic interactions between tumor and host  
*Alana Welm, Huntsman Cancer Institute, US*

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15:10-15:55  **Fidler Innovation Award Lecture**  
*Room:* Louvre Garden, 1st Floor, North Wing  
*Chairperson:* Yibin Kang, Princeton University, US

Combating Cancer Metastasis: Devising Innovative Therapeutic/Diagnostic Strategies Based on Novel Biological Insights  
*Dihua Yu, M.D. Anderson Cancer Center, US*

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15:55-16:25  **Coffee Break**

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16:25-17:10  **MRS Young Investigator Award**  
*Room:* Louvre Garden, 1st Floor, North Wing  
*Chairperson:* Jonathan Sleeman, University of Heidelberg, Germany

Epithelial-Mesenchymal Plasticity in Carcinoma Metastasis  
*Jing Yang, University of California, San Diego, US*

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17:10-17:25  **Poster Awards**  
*Room:* Louvre Garden, 1st Floor, North Wing  
*Chairperson:* Qinghua Zhou, West China Hospital, Sichuan University

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17:25-17:40  **Closing Remarks**  
*Room:* Louvre Garden, 1st Floor, North Wing  
- Yibin Kang, Princeton University, US  
- Qinghua Zhou, West China Hospital, Sichuan University

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18:30  **Conference Banquet**  
*Location:* Louvre Garden, 1st Floor, North Wing