COMMITTEES

President
Sergio Romagnani

Vice President
Francesco Annunziato

SIICA President
Vincenzo Barnaba

Scientific Committee
Francesco Annunziato
Vincenzo Barnaba
Raffaele Badolato
Piergiuseppe De Berardinis
Armando Gabrielli
Massimo Locati
Vito Pistoia
Carlo Pucillo
Angela Santoni
Angelo Vacca

Local Organizing Committee
Francesco Annunziato
Lorenzo Cosmi
Francesco Liotta
Enrico Maggi
Andrea Matucci
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Dear Members and Colleagues,

It is my great honor and pleasure to welcome you to Florence for the IX National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA 2014)! All previous SIICA National Conferences have been highly qualitative and successful. However, this IX National Conference is really special. First of all, Florence is a unique city in the world because it is universally considered as the cradle of arts. But Florence may be in some way also considered one of the main cradles of science. Leonardo da Vinci was both artist and scientist. Moreover, we cannot forget the strict link between Florence and Galileo Galilei, who has been considered the inventor of the experimental method and therefore of the modern concept of scientific research. Galileo made its first scientific discovery in 1481 at the University of Pisa, which was strongly and systematically developed by Lorenzo il Magnifico in 1473 and then re-opened in 1543 by the duke Cosimo I Medici, who also provided the Building of Knowledge in 1589 as a site of the University. Galileo died in Arcetri (Florence) in 1642 and was buried in the “Basilica di Santa Croce”. Florence is also special as a site of the IX SIICA National Conference because there is a very strong link between Florence and Immunology. From the top of my old age and my long history in the field, I can say that Florence has also been the cradle of the Italian Clinical Immunology and Allergology. The history of Italian Immunology Societies has been very complex and tormented and still it is. But there is no doubt that the first Chair of Clinical Immunology and the first School of Specialization in Allergology and Clinical Immunology were established in Florence in 1968 and since then the University of Florence has been one of the most prestigious centers for immunologic research and an important center for the diagnosis and therapy of both allergic and immune-mediated diseases. For all these reasons, once again I would like to underline that the IX SIICA National Conference in Florence will be a special event. In addition, the scientific program developed by Francesco Annunziato together with the SIICA Council Members, presents itself as absolutely outstanding for the type of very hot topics and the high level of the invited speakers, both foreigners and Italians. With regard to the quality of the social program no comments are needed because the city, as I said at the beginning, is unique in the world for its monuments and art masterpieces.

Therefore, I firmly believe that the IX SIICA National Conference in Florence will become for all of you an unforgettable event.

Sergio Romagnani
President of the IX SIICA National Conference

VIENNA NATIONAL CONFERENCE of the ITALIAN SOCIETY of IMMUNOLOGY, CLINICAL IMMUNOLOGY and ALLERGOLOGY

Florence, 28-31 May 2014

WELCOME

Dear Colleagues and Friends,

SIICA is honored to welcome you to the IX National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA 2014) in Florence! One fundamental mission of SIICA is the organization of its Annual Meeting (i.e., the National Conference) in order to foster the dialogue between basic and clinical immunologists, allowing an open forum for informal, high-quality discussions, and, overall, the scientific development of young scientists. For this reason, the Annual Meeting of SIICA provides a relevant number of travel grants and awards in different areas of immunology research and offers a great opportunity to younger members to present their data. Many Italian immunologists give their first scientific presentation at the Annual Meeting of SIICA.

As you could see in the scientific program, the IX SIICA National Conference appears very appealing and covers several and important topics on innate and adaptive immunity, immunoregulation, allergy, mucosal immunity, antigen-presentation, tumor immunology, epigenetic mechanisms of the immune response. Several Italian immunologists are recognized as international leaders in their field, and Florentine Scientists in particular have actively contributed to the development of immunology. Besides the scientific program special social events are foreseen: the hosting town Florence is the wonderful “Florentia”, called the Athens of the Middle Ages, and known as the birthplace of the Renaissance. Florence is an ideal venue for the IX SIICA National Conference, for its history, culture, art, architecture, monuments, and…. its cooking. We are confident that the scientific sessions together with the glamour of Florence, will make the IX SIICA National Conference an extraordinary appointment.

Finally, I would like to thank the SIICA Council Members very much and in particular Sergio Romagnani and Francesco Annunziato, hosts of the Conference, who have organized this prestigious event in Florence.

We are glad to welcoming you to Florence!

Vincenzo Barnaba
SIICA President
GENERAL INFORMATION

SIICA SECRETARIAT

Rita Repizzi
Tel. +39 333 4398196
siica.amministrazione@siica.it
SIICA secretariat desk is located in the exhibition area (booth n.18).

ORGANIZING SECRETARIAT

OIC srl
Viale Giacomo Matteotti, 7
50121 Florence, Italy
Tel. +39 055 50351
Fax +39 055 5001912
infosiica2014@oic.it
www.oic.it/siica2014

The registration desk is located in the basement.
The registration desk on site is open according to the following time schedule:

Wednesday, 28 May       8.00 - 19.30
Thursday, 29 May        8.00 - 19.30
Friday, 30 May          8.00 - 19.30
Saturday, 31 May        8.00 – 13.30

CONFERENCE VENUE

Palazzo dei Congressi
Piazza Adua, 1
50123 Florence, Italy
Tel. +39 055 49721
Fax + 39 055 4973237
The Conference Venue is located in the centre of Florence at walking distance from the main attractions and
the main railway station “Santa Maria Novella”.

TRANSPORTATION TO THE CONFERENCE VENUE

• From Florence “A. Vespucci” airport: a bus connection (Volainbus) is operating from the airport to the city
centre (main railway station) every 20-25 minutes.
• From the “Santa Maria Novella” train station: the Conference Venue is located just in front of the main railway
station at 2 minutes walking distance.
• Taxi: taxi in Florence can be called by telephone (055 4242 or 055 4390) or found at the official taxi stands.
   It is prohibited to stop taxi on the road.
• Bus: Florence has a comprehensive network of local bus routes. Most of them stop at the main railway station
   and therefore near the Conference Venue. Bus tickets can be purchased at most coffee bars and kiosks. Fare
   is € 1,20 multiple trips, valid up to 90 minutes. Tickets valid for 3 or 7 days are also available, at the fare of
   € 12,00 and € 18,00 respectively.

CAR PARKING
There are several paying parking areas around the Conference Venue.
GENERAL INFORMATION

REGISTRATION FEES

<table>
<thead>
<tr>
<th>FEES (VAT included)</th>
<th>On-Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member SIICA*</td>
<td>€ 50,00</td>
</tr>
<tr>
<td>Non Member</td>
<td>€ 300,00</td>
</tr>
<tr>
<td>Bioinformatics Course on Wednesday 28 May</td>
<td>€ 180,00</td>
</tr>
<tr>
<td>Accompanying person</td>
<td>€ 50,00</td>
</tr>
</tbody>
</table>

*The reduced fee will be applied only to members with regular membership payments.

Conference registration fee includes:
- Access to all scientific sessions and to the Bioinformatics Course on Wednesday 28 May, if pre-booked
- Access to the exhibition area
- Conference kit including name badge and certificate of attendance
- Final program
- Welcome Reception on Wednesday 28 May

Registration is mandatory for oral and poster presenters.

Bioinformatics Course registration fee includes:
- Access to the Course only
- Course kit including name badge and certificate of attendance
- Final program

Accompanying person fee includes:
- Welcome Reception on Wednesday 28 May
- One half day guided tour of Florence on Thursday 29 May

Accompanying person fee does not entitle to attend the scientific sessions.

The Social Dinner is not included in the registration and has a separate fee for all participants, see the Social Program section for more information on this event (see page 8).

CANCELLATION AND REFUNDS

We kindly remind you that cancellations of the registration and social event were accepted until 30 April 2014. No refund is allowed for cancellations received after this date. All accepted refunds will be processed and issued after the Conference.

BADGE

Each participant receives a name badge upon check-in at the registration desk. The badge is the official Conference pass and must be worn at all times. Badges are colour-coded as follows:
- Red - Faculty Member
- Transparent - Participant
- Gold - Bioinformatics Course Participant
- Blue - Accompanying person
- Yellow - Industry Member

CERTIFICATE OF ATTENDANCE

Regularly registered participants receive a certificate of attendance included in the registration kit.

LANGUAGE

The official language of the Conference is English and no simultaneous translation is foreseen during the scientific sessions.
GENERAL INFORMATION

CATERING FACILITIES
Coffee stations are offered in the exhibition area according to the scientific program time schedule. A snack will be distributed to participants in the industry sponsored sessions. The Conference Venue is located downtown Florence with plenty of restaurants and snack bars close by.

CLOAKROOM AND LUGGAGE DEPOSIT
A cloakroom and luggage deposit located in the basement will be available during the official Conference time schedule. For lost and found items, please refer to the cloakroom on site.

EXHIBITION AREA
The exhibition area is located in the basement close to the Auditorium.

The exhibition area is open according to the following time schedule:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, 28 May</td>
<td>14.00 - 19.30</td>
</tr>
<tr>
<td>Thursday, 29 May</td>
<td>8.30 - 19.30</td>
</tr>
<tr>
<td>Friday, 30 May</td>
<td>8.30 - 19.30</td>
</tr>
<tr>
<td>Saturday, 31 May</td>
<td>8.30 – 13.30</td>
</tr>
</tbody>
</table>

INSURANCE
The Conference Organizers do not assume any liability for personal injuries sustained or loss of, or damage to, property belonging to Conference participants (or their accompanying persons), either during or as result of the Conference. Participants are recommended to make their own arrangements with respect to health and travel insurance.

INTERNET
Wi-Fi is available in the Conference Venue (access code for participants: Username: SIICA14 - Password: Firenze). In addition, workstations with Internet connection are located near the registration desk and available for all participants from 29 May. Participants are kindly requested to limit the use of Internet workstations to maximum 10 minutes to allow other participants to benefit of this service.

USEFUL TELEPHONE NUMBERS IN FLORENCE
Medical emergency 118
Fire emergency 115
Police 113
Taxi call 055 4242 or 4390
For international calls from Italy 00 + country code + number
For international calls to Italy +39 + city code + number
IX NATIONAL CONFERENCE of the ITALIAN SOCIETY of IMMUNOLOGY, CLINICAL IMMUNOLOGY and ALLERGOLOGY
Florence, 28-31 May 2014

SOCIAL PROGRAM

WELCOME RECEPTION
Conference Venue
Palazzo dei Congressi
Wednesday, 28 May - hrs 18.15

The Welcome Reception starts at 18.15 in the Conference Venue. Participation is included in the Conference registration fee.

SOCIAL DINNER
The Social Dinner is scheduled on 30 May at 20.30 at the “Terrazza Brunelleschi”, 5th floor, Grand Hotel Baglioni (Piazza dell’Unità Italiana 6), located in the city centre (near the Santa Maria Novella Railway Station). The cost is not included in the registration fees. Tickets can be purchased at the registration desk, upon availability. The prices are € 60,00 and € 40,00 for under 35. Pre-booked tickets are included in the personal registration envelope. The dress code for this evening is business informal.

ACCOMPANYING PERSONS PROGRAM
Accompanying person fee includes:
• Welcome Reception, Wednesday 28 May
• One half day guided tour of Florence, Thursday 29 May (Medieval and Renaissance Florence - walking tour)

The voucher of the tour of Florence is included in the personal registration envelope.
SCIENTIFIC INFORMATION

SESSIONS SCHEDULE
As the scientific program is made of parallel sessions, speakers are recommended to strictly respect the allotted time given for their presentations to contribute to the smooth running of all scheduled sessions.

POSTER SESSIONS
Posters are displayed in the Poster Area, lower level. Posters have to be mounted on Wednesday, 28 May from 14.00 to 18.00 and will remain posted until Saturday 31 May.
It is absolutely forbidden to use drawing-pins, nails or similar tools to fix the posters to the boards: double-sided tape is available in the Poster Area.
The Author is kindly requested to stand close to the poster during the Poster Sessions for possible questions from participants.
The Poster Sessions are scheduled as follows:
Poster Session I (P1 – P5), Thursday, 29 May 13.15 - 14.15
Poster Session II (P6-P15), Friday, 30 May 13.15 - 14.15

SIICA ASSEMBLIES
SIICA Assembly and approval of the Society Statute are scheduled on Wednesday, 28 May at 14.00 in the Auditorium.
SIICA Assembly and results of the Council elections are scheduled on Friday, 30 May at 18.15 in the Auditorium.

SIICA COUNCIL ELECTIONS
The elections for the renewal of the Society Council will take place at SIICA booth (n.18) in the exhibition area according to the following time schedule:
Wednesday, 28 May 15.00-17.30
Thursday, 29 May 9.00-15.00
Friday, 30 May 9.00-15.00

Each elector can express up to six preferences. The active members who have paid the membership dues and Honorary members are all eligible to vote for these elections.
The results of the elections will be announced during the SIICA Assembly scheduled on Friday, 30 May at 18.15 in the Auditorium.

SLIDE CENTRE
A slide centre is located in the basement close to the Auditorium. A computerized slide centre system manages all the presentations contained in the scientific program through a central network.
The slide centre room is available for speakers to deliver their PowerPoint presentations with the following timetable:
Wednesday, 28 May 8.00 - 18.30
Thursday, 29 May 8.00 - 19.30
Friday, 30 May 8.00 - 19.30
Saturday, 31 May 8.00 - 13.30

SYMPOSIUM OF VETERINARY IMMUNOLOGY
The Symposium of Veterinary Immunology is scheduled on Wednesday, 28 May from 8.30 to 15.00 in the Room Onice at the ground floor in the Conference Venue.
ACKNOWLEDGMENTS

The Italian Society of Immunology, Clinical Immunology and Allergology (SIICA) would like to thank the following partners for their support.
SCIENTIFIC PROGRAM
## TIME TABLE

### WEDNESDAY, 28 MAY 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Auditorium</th>
<th>Room Verde</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.30-13.00</td>
<td>Bioinformatics Course</td>
<td></td>
</tr>
<tr>
<td>14.00 - 15.00</td>
<td>SIICA Assembly and approval of the Society Statute</td>
<td></td>
</tr>
<tr>
<td>15.00 - 15.30</td>
<td>OPENING CEREMONY</td>
<td></td>
</tr>
<tr>
<td>15.30 - 17.30</td>
<td>Plenary Symposium 1</td>
<td>Immunoregulatory cells</td>
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<tr>
<td>17.30 - 18.15</td>
<td>KEYNOTE LECTURE 1</td>
<td>EFIS-IL Award</td>
</tr>
<tr>
<td>18.15 - 19.30</td>
<td>Welcome Reception</td>
<td></td>
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### THURSDAY, 29 MAY 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Auditorium</th>
<th>Room Verde</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.30 - 10.30</td>
<td>Plenary Symposium 2</td>
<td>Tumor immunology</td>
</tr>
<tr>
<td>10.30 - 10.45</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10.45 - 12.15</td>
<td>Workshop 1</td>
<td>Adaptive immunity</td>
</tr>
<tr>
<td>12.15 - 13.00</td>
<td>Industry Sponsored Session</td>
<td>Lymphomas and leukemias</td>
</tr>
<tr>
<td>13.15 - 14.15</td>
<td>Poster session I (P1 - P5)</td>
<td></td>
</tr>
<tr>
<td>14.15 - 16.15</td>
<td>Plenary Symposium 3</td>
<td>SIICA-EAACI Biologicals</td>
</tr>
<tr>
<td>16.15 - 16.30</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>16.30 - 18.00</td>
<td>Workshop 3 - Part 1</td>
<td>Innate immunity</td>
</tr>
<tr>
<td>18.00 - 19.30</td>
<td>Workshop 3 - Part 2</td>
<td>Immunodeficiencies</td>
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<tr>
<td></td>
<td></td>
<td>Innate immunity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Granulocytes and mast cells</td>
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<tr>
<td></td>
<td></td>
<td>Immunodeficiencies</td>
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### FRIDAY, 30 MAY 2014

<table>
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<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>8.30 - 10.30</td>
<td>Auditorium</td>
<td>Plenary Symposium 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mucosal immunology</td>
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<tr>
<td>10.30 - 10.45</td>
<td>Room Verde</td>
<td>Break</td>
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<tr>
<td>10.45 - 12.15</td>
<td>Auditorium</td>
<td>Workshop 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Allergic inflammation</td>
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<tr>
<td>12.15 - 13.00</td>
<td>Room Verde</td>
<td>Industry Sponsored Session</td>
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<tr>
<td>13.15 - 14.15</td>
<td>Room Verde</td>
<td>Poster session II (P6 - P15)</td>
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<tr>
<td>14.15 - 15.45</td>
<td>Auditorium</td>
<td>Workshop 8 - Part 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tumor Immunology</td>
</tr>
<tr>
<td>15.45 - 17.15</td>
<td>Room Verde</td>
<td>Workshop 8 - Part 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tumor Immunology</td>
</tr>
<tr>
<td>17.15 - 17.30</td>
<td>Room Verde</td>
<td>Break</td>
</tr>
<tr>
<td>17.30 - 18.15</td>
<td>Room Verde</td>
<td>KEYNOTE LECTURE 2</td>
</tr>
<tr>
<td>18.15 - 19.30</td>
<td>Room Verde</td>
<td>SIICA Assembly and results of the Council elections</td>
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### SATURDAY, 31 MAY 2014

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8.30 - 10.30</td>
<td>Room Auditorium</td>
<td>Plenary Symposium 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cellular innate immunity</td>
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<tr>
<td>10.30 - 11.00</td>
<td>Room Verde</td>
<td>Break</td>
</tr>
<tr>
<td>11.00 - 12.30</td>
<td>Room Auditorium</td>
<td>Workshop 11</td>
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<tr>
<td></td>
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<td>Autoimmune disorders</td>
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<tr>
<td>12.30 - 13.15</td>
<td>Room Verde</td>
<td>KEYNOTE LECTURE 3</td>
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<tr>
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<td></td>
<td>SIICA</td>
</tr>
<tr>
<td>13.15 - 13.30</td>
<td>Room Verde</td>
<td>CLOSING CEREMONY</td>
</tr>
</tbody>
</table>
WEDNESDAY 28 MAY 2014

8.30-13.00
ROOM VERDE

BIOINFORMATICS COURSE

In collaboration with

BC1 The legacy of pathways for the immune cell
  D. Cavalieri (Italy)

BC2 Immune pathways; from the literature to graphical and computational models
  T. Freeman (UK)

BC3 What is systems biology and how we can use systems biology to understand and model the immune system?
  A. Csilacz Nagy (UK)

BC4 Systems biology approaches to vaccine adjuvant development
  E. De Gregorio (Italy)

BC5 Structural bioinformatics of antibodies
  A. Tramontano (Italy)

BC6 Systems biology of miRNA networks and the link between tumor progression and immune response
  J. Vera-González (Germany)

Break

“PATHWAY BASED TOOLS FOR MODULE NETWORK ANALYSIS OF IMMUNOGENOMICS DATA”

BC7 Gene expression: pathway analysis tools
  L. Beltrame (Italy)

BC8 miRNA analysis tools
  C. Romualdi (Italy)

BC9 Integration of miRNA and gene expression data
  E. Calura (Italy)

BC10 Protein network analyses in large datasets
  M. Ramazzotti (Italy)
WEDNESDAY 28 MAY 2014

14.00-15.00
AUDITORIUM
SIICA ASSEMBLY AND APPROVAL OF THE SOCIETY STATUTE

15.00-15.30
AUDITORIUM
OPENING CEREMONY

15.30-17.30
AUDITORIUM
PLENARY SYMPOSIUM 1 - IMMUNOREGULATORY CELLS

CHAIRMAN
M.G. Roncarolo (Italy)

PS1.1 The role of gut flora in the differentiation of regulatory B cells
C. Mauri (UK)

PS1.2 Role of CD14-NFAT signalling pathway in innate immunity
F. Granucci (Italy)

PS1.3 Mast cells contribute to the expansion and differentiation of IL-10-competent B cells and to the gut homeostasis
C.E.M. Pucillo (Italy)

PS1.4 Endotoxin tolerance as a novel defense strategy in infectious diseases: the role of Aryl hydrocarbon receptor
F. Fallarino (Italy)

PS1.5 CCR5 and PD-1 mark Tr1-like cells in lymphoid and non-lymphoid tissues that inhibit B cell responses and colitis
F. Facciotti, N. Gagliani, B. Häring, J.S. Alfen, A. Penatti, M. Pagani, L. Pignataro, F. Caprioli, S. Abrignani, P. Meroni, R.A. Flavell, J. Geginat (Italy, USA, Germany)

17.30-18.15
AUDITORIUM
KEYNOTE LECTURE 1
EFIS-IL Award

CHAIRMAN
L. Moretta (Italy)

KL1.1 Human innate lymphoid cells and B cells in inflammatory diseases
H. Spits (The Netherlands)

18.15-19.30
WELCOME RECEPTION
THURSDAY 29 MAY 2014

8.30-10.30
AUDITORIUM

PLENARY SYMPOSIUM 2 - TUMOR IMMUNOLOGY

CHAIRMAN
A. Mantovani (Italy)

PS2.1 Myeloid-derived suppressor cells in cancer
V. Bronte (Italy)

PS2.2 Immune regulation in multiple myeloma: the host-tumor conflict
V. Racanelli (Italy)

PS2.3 A novel self-lipid targets human T cells against CD1c+leukemia
G. Casorati (Italy)

PS2.4 Prophylactic cancer vaccines: feasibility and progress
O. Finn (USA)

PS2.5 Tenascin-C protects early-disseminated cancer stem cells from immune surveillance by arresting T cell activation
E. Jachetti, S. Mazzoleni, C. Brambillasca, M. Grioni, I. Piras, U. Restuccia, S. Caputo, A. Calcinotto, M. Freschi, A. Bachi, R. Galli, M. Bellone (Italy)

Break

10.45-12.15
AUDITORIUM

WORKSHOP 1 - ADAPTIVE IMMUNITY

CHAIRMEN
C. Ferrari (Italy), J. Geginat (Italy)

W1.1 Altered B cell peripheral homeostasis in Rankl-/ mice: a role for Rank-Rankl axis in B cell physiology?
V. Marrella, N. Lo Iacono, C. Sobacchi, B. Cassani, F. Schena, E. Traggiai, A. Villa (Italy)

W1.2 HLA-G5 induces IL-4 crucial secretion for successful pregnancy through differential expression of ILT2 receptor on decidual CD4+ T cells and macrophages

W1.3 Human naïve-derived T memory stem cells are preferentially responsible for post-transplant T cell reconstitution
A. Roberto, L. Castagna, V. Zanon, D.A. Price, M. Roederer, D. Mavilio, E. Lugli (Italy, United Kingdom, USA)

W1.4 T-cell immunoglobulin and mucin domain-containing molecule-1 (TIM-1) is a novel P-selectin ligand that mediates T cell trafficking during inflammation and autoimmunity

W1.5 Functional characterization of AgB- specific T-cells in cystic echinococcosis patients
L. Petrone, V. Vanini, E. Petruccioli, G.M. Ettorre, V. Schininà, E. Girardi, A. Ludovisi, E. Pozio, A. Teggi, D. Goletti (Italy)
THURSDAY 29 MAY 2014

10.45-12.15
ROOM VERDE

WORKSHOP 2 - LYMPHOMAS AND LEUKEMIAS

CHAIRMEN
V. Pistoia (Italy), G. Semenzato (Italy)

W2.1 Common niches nudging B-cell development and B-cell malignancies are characterized by the matricellular protein SPARC
M.P. Colombo, C. Tripodo, S. Sangaletti (Italy)

W2.2 Selective phenotypical and functional alterations of peripheral blood immune cells in neo-diagnosed patients with diffuse large B cell Lymphoma (DLBCL)
S. Battella, M.C. Cox, R. La Scaleia, S. Pelliccia, A. Di Napoli, E. Alma, A. Porzia, L. Ruco, F. Mainiero, B. Monarca, A. Santoni, G. Palmieri (Italy)

W2.3 Multiparametric analysis of surface markers heterogeneous expression by CD19+CD5+CD23+ lymphocyte clones from chronic lymphocytic leukemia patients: pathogenic implications

W2.4 A sustained CD16 aggregation induced by therapeutic antibody-opsonised targets impairs cytotoxic responses in human NK cells
C. Capuano, M. Romanelli, C. Pighi, R. Molfetta, R. Paolini, A. Santoni, R. Galandrini (Italy)

W2.5 Characterization of human bispecific antibodies against CD20/CD55 and CD20/CD59 for the treatment of B-cell malignancies

12.15-13.00
AUDITORIUM

INDUSTRY SPONSORED SESSION (see page 37)

13.15 - 14.15
POSTER AREA

POSTER SESSION I (P1 - P5) (see pages 30-33)
THURSDAY 29 MAY 2014

14.15-16.15
AUDITORIUM

PLENARY SYMPOSIUM 3 - SIICA-EAACI JOINT SYMPOSIUM - BIOLOGICALS

CHAIRMEN
F. Spertini (Switzerland), A. Vacca (Italy)

PS3.1 Introduction
M.A. Muraro (Italy)

PS3.2 Immunogenicity of biologicals and its impact on clinical outcome
E. Maggi (Italy)

PS3.3 New insights in treatment of allergies with anti-IL-4 strategies
C.B. Schmidt-Weber (Germany)

PS3.4 Interleukin-6: from laboratory to therapeutic target
F. De Benedetti (Italy)

PS3.5 Biologics for refractory uveitis in the pediatric age
R. Cimaz (Italy)

PS3.6 Etanercept inhibits the TNF-α driven shifting of Th17 towards non-classic Th1 phenotype in juvenile idiopathic arthritis
L. Maggi, R. Cimaz, M. Capone, V. Santarlasci, V. Querci, G. Simonini, F. Nencini, F. Liotta, S. Romagnani, E. Maggi, F. Annunziato, L. Cosmi (Italy)

Break

16.30-18.00
AUDITORIUM

WORKSHOP 3 - INNATE IMMUNITY (Part 1)

CHAIRMEN
C. Garlanda (Italy), F. Tedesco (Italy)

W3.1 Human and mouse mononuclear phagocytes are the only leukocyte subset expressing functional death receptors for trail
C. Belgiovine, M. Liguori, C. Buracchi, G. Germano, F. Pasqualini, M. Sironi, S. Pesce, F. Bergomas, A. Mantovani, P. Allavena (Italy)

W3.2 Negative regulation of Toll-like receptor 4 signaling by the IL-10-dependent miR-146b
G. Curtale, T. Renzi, M. Mirolo, F. Bazzoni, M. Rossato, M. Locati (Italy)

W3.3 TLR co-stimulation on primary monocytes causes oxidative stress with unbalance of pro- and anti-inflammatory cytokine production
R. Lavieri, P. Piccioli, S. Carta, E. Balza, P. Castellani, A. Rubartelli (Italy)

W3.4 A SRC/ABL/SOS1/RAC1 signaling pathway regulates podosome formation in murine macrophages
S. Remelli, A. Baruzzi, G. Berton (Italy)

W3.5 Human RORγt+CD34+ cells are lineage-committed progenitors of group 3 innate lymphoid cells
E. Montaldo, L.G. Teixeira-Alves, T. Glatzer, W. Hamann, F. Petronelli, L. Moretta, M.C. Mingari, C. Romagnani (Germany, Italy)
THURSDAY 29 MAY 2014

16.30-18.00

ROOM VERDE

WORKSHOP 4 - GRANULOCYTES AND MAST CELLS

CHAIRMEN
G. Marone (Italy), D. Ribatti (Italy)

W4.1  Mast cells contribute to the expansion and differentiation of IL-10-producing B cells
F. Mion, F. D’Incà, L. Danelli, B. Toffoletto, B. Frossi, C. Guarnotta, A. Bucocchi, C. Tripodo,
M. Colombo, G. Vitale, C. Pucillo (Italy)

W4.2  OX40L controls the STIM1-switch governing calcium fate in mast cells
F. D’Incà, B. Frossi, R. Sibilano, S. Bulfone-Paus, C. Pucillo (Italy, USA, United Kingdom)

W4.3  Neutrophils induce Alzheimer’s-like disease via LFA-1-integrin and neutrophil extracellular traps
E. Zenaro, E. Pietronigro, V. Della Bianca, G. Piacentino, E. Turano, A. Montresor, C. Laudanna,
B. Bonetti, G. Constantin (Italy)

W4.4  Cell-specific epigenetic landscapes drive differential IL-6 gene expression in human neutrophils and
monocytes
N. Tamassia, M. Zimmermann, F. Bianchettò, G. Natoli, M.A. Cassatella (Italy)

18.00-19.30

AUDITORIUM

WORKSHOP 3 - INNATE IMMUNITY (Part 2)

CHAIRMEN
C. Garlanda (Italy), F. Tedesco (Italy)

W3.6  Potential role of Perforin immune surveillance of ErbB-2+ carcinomas in transgenic mice and in male
mammary gland morphogenesis
M. Iezzi, F. Cavallo (Italy, Australia)

W3.7  M1 macrophages enhance NK cell anti-tumoral activities via multiple cytokine networks
I. Mattiola, M. Pesant, P. Tentorio, M. Molgona, M. Locati, D. Mavilio (Italy)

W3.8  CD56brightPerforinlow non-cytotoxic human natural killer cells are abundant in both healthy and neoplastic
solid tissues and recirculate to secondary lymphoid organs via afferent lymph
P. Carrega, I. Bonaccorsi, E. Di Carlo, L. Moretta, M.C. Mingari, G. Ferlazzo (Italy)

W3.9  Innate antiviral responses in HBeAg negative patients with chronic hepatitis B (CH-B) under long-term
nucleos(t)ide analogue (NUC) treatment: implications for future immune therapies
C. Boni, P. Lampertico, L. Talamona, T. Giuberti, F. Invernizzi, A. Alfieri, S. Schivazappa,
M. Colombo, G. Missale, C. Ferrari (Italy)

W3.10  Endoplasmic reticulum aminopeptidase 1 regulates the functional competence of natural killer cells by
controlling engagement of killer inhibitory receptors
L. Cifaldi, P. Romania, M. Falco, S. Lorenzi, M. Andreani, D. Pende, F. Locatelli, D. Fruci (Italy)
THURSDAY 29 MAY 2014

18.00-19.30
ROOM VERDE

WORKSHOP 5 - IMMUNODEFICIENCIES

CHAIRMEN
R. Badolato (Italy), I. Quinti (Italy)

W5.1 Paradoxical inhibitory function of 2B4 in XLP1 does not affect DNAM-1 and NKG2D activating pathways in NK cells

W5.2 Ectonucleotidase activity and adenosine in the regulation of adaptive humoral response
C.E. Faliti, F. Grassi, E. Traggiai (Italy, Switzerland)

W5.3 Increased HLA-DO expression in Individual with common variable immunodeficiency and autoimmunity
G. Barra, G. Pasquale, G. Spadaro, R. De Palma (Italy)

W5.4 Mucosal dysregulation in Omenn syndrome
R. Rigoni, S. Mantero, V. Maina, V. Marrella, F. Grassi, B. Cassani, A. Villa (Italy, Switzerland)

W5.5 Functional and memory status of tuberculosis specific T-cells in HIV-infected patients naïve to antiretroviral treatment
T. Chiacchio, E. Petruccioli, V. Vanini, G. Cuzzi, A. Sampaolesi, C. Pinnetti, D. Goletti (Italy)
FRIDAY 30 MAY 2014

8.30-10.30
AUDITORIUM

PLENARY SYMPOSIUM 4 - MUCOSAL IMMUNOLOGY

CHAIRMAN
M. Rescigno (Italy)

PS4.1 CCR6+ T-cell inefficient actin polymerization prevents mucosal reconstitution in long-term antiretroviral therapy treated HIV-positive subjects
M. Uguccioni (Switzerland)

PS4.2 Resistance and tolerance at mucosal surfaces: the contribution of gut microbiota via tryptophan catabolism
L. Romani (Italy)

PS4.3 Adaptive immune mechanisms in inflammatory bowel disease
A. Di Sabatino (Italy)

PS4.4 Innate immunity and xenobiotic metabolism in the gut
E. Cario (Germany)

PS4.5 Oral tolerance can be established via gap junction transfer of fed antigens from CX3CR1+ macrophages to CD103+ dendritic cells
E. Mazzini, L. Massimiliano, G. Penna, M. Rescigno (Italy)

Break

10.45-12.15
AUDITORIUM

WORKSHOP 6 - ALLERGIC INFLAMMATION

CHAIRMEN
P. Parronchi (Italy), M. Triggiani (Italy)

W6.1 Pollen allergens target dendritic cells to polarize the Th2 response by the ST2 receptor upregulation
C. Afferni, G. Schiavoni, F. Mattei, L. Gabriele (Italy)

W6.2 The major allergen of the Parietaria pollen contains a LPS binding region with immuno-modulatory activity
A. Bonura, S. Corinti, E. Schiavi, D. Giacomazza, F. Gianguzza, G. Di Felice, P. Colombo (Italy)

W6.3 Conjugates between 8OH-modified adenine and allergens impair TH2-associated lung inflammation in allergen sensitized mice
F. Nencini, S. Pratesi, G. Petroni, E. Cardilicchia, L. Fili, A. Casini, A. Guarna, S. Romagnani, P. Parronchi, E. Maggi, A. Vultaggio (Italy)

W6.4 Protein microarrays with dual label-free and fluorescence detection for high sensitivity allergen specific immunoglobulin E detection
M. Cretich, M. Chiari (Italy)
FRIDAY 30 MAY 2014

10.45-12.15
ROOM VERDE

WORKSHOP 7 - CELL SIGNALING AND TRANSCRIPTION FACTORS

CHAIRMEN
C.T. Baldari (Italy), L. Tuosto (Italy)

W7.1 IL-4-induced gene 1 maintains high Tob1 expression that contributes to TCR unresponsiveness in human T helper 17 cells
V. Santarlasci, L. Maggi, A. Mazzoni, M. Capone, V. Querci, M.C. Rossi, L. Beltrame,
D. Cavalieri, R. De Palma, F. Liotta, L. Cosmi, E. Maggi, S. Romagnani, F. Annunziato (Italy)

W7.2 CKS/DDX3X interaction controls the stability of the Zc3h12a mRNA induced by IL-17
D. Somma, P. Mastrovito, M. Grieco, A. Leonardi (Italy)

W7.3 Identification of human Tfh-specific miRNAs and investigation of their role in Tfh differentiation and function
E. Provasi, A. Ripamonti, G. Rossetti, S. Curti, V. Ranizani, V. Parente, S. Abrignani, M. Pagani (Italy)

W7.4 The SNARE protein VAMP7 controls T cell activation by regulating recruitment and phosphorylation of Lat subsynaptic vesicles to the TCR activation sites

W7.5 Differential recruitment of beta-arrestin 1 and 2 by atypical chemokine receptor ACKR2
A. Vacchini, C. Cancellieri, M. Busnelli, S. Badanai, R. Bonecchi, B. Chini, E.M. Borroni, M. Locati (Italy)

12.15-13.00
AUDITORIUM

INDUSTRY SPONSORED SESSION (see page 37)

13.15 - 14.15
POSTER AREA

POSTER SESSION II (P6 - P15) (see pages 34-36)

14.15-15.45
AUDITORIUM

WORKSHOP 8 - TUMOR IMMUNOLOGY (Part 1)

CHAIRMEN
L. Guidotti (Italy), M. Maio (Italy)

W8.1 The long pentraxin PTX3 is a novel player regulating cancer-associated inflammation, tumor development and progression
E. Bonavita, S. Gentile, M. Rubino, N. Polentarutti, S. Tartari, F. Feruglio, F. Pasqualini,
M. Nebuloni, S. Jaillon, A. Mantovani, C. Garlanda (Italy)

W8.2 Monoclonal antibody ligation of CD73 blocks immunosuppressive adenosine produced by CD38/CD203a/CD73 pathway: potential application in immunotherapy
A.L. Horenstein, A. Chillemi, F. Morandi, G. Zaccarello, V. Quarona, A. Zito, V. Pistoia, F. Malavasi (Italy)

W8.3 Interleukin-17 favors carcinogenesis and suppresses anti-tumor responses in pancreatic cancer
F. Novelli (Italy)

W8.4 Nicotinamide phosphoribosyltransferase (NAMPT) inhibitors in cancer: novel modulators of antitumor immunity
C. Travelli, S. Morlacchi, U. Galli, G.C. Tron, E. Maldi, R. Boldorini, S. Donnini, A. Genazzani, A. Sica (Italy)

W8.5 Bringing together the potential of immune cells and the power of new drugs to target cancers by nanoparticles
C. Garofalo, G. Capuano, R. Sottile, R. Tallerico, R. Adami, E. Reverchon, L. Izzo, R. Strong, V. Groh,
D. Pappalardo, E. Carbone (Italy, USA)
FRIDAY 30 MAY 2014

14.15-15.45
ROOM VERDE

WORKSHOP 9 - ANTIGEN PRESENTING CELLS

CHAIRMEN
G. Natoli (Italy), S. Sozzani (Italy)

W9.1 The Aryl hydrocarbon Receptor and RelB controls long term expression of Indoleamine 2,3-dioxygenase-1 in splenic dendritic cells

W9.2 Membrane transfer from tumor cells overcomes deficient phagocytic ability of plasmacytoid dendritic cells for the acquisition and presentation of tumor antigens
I. Bonaccorsi, B. Morandi, O. Antsiferova, G. Costa, C. Münz, E. Di Carlo, M.C. Mingari, G. Ferlazzo (Italy, Switzerland)

W9.3 Human CD1c+ dendritic cells secrete high levels of IL-12 and potently prime cytotoxic T cell responses
G. Nizzoli, J. Geginat, F. Facciotti, P. Gruarin, P. Neddermann, R. Defrancesco, S. Abrignani (Italy)

W9.4 Human defensins increase the frequency of activated CD91high monocyte-derived dendritic cells
M. Cappelletti, F. Calcaterra, T. Mazzara, D. Mavilio, S. Della Bella (Italy)

W9.5 Characterization of human afferent lymph dendritic cells from seroma fluids
B. Morandi, I. Bonaccorsi, M. Mesiti, R. Conte, G. Costa, R. Iemmo, S. Martini, S. Ferrone, C. Cantoni, M.C. Mingari, L. Moretta, G. Ferlazzo (Italy, USA)

15.45-17.15
AUDITORIUM

WORKSHOP 8 - TUMOR IMMUNOLOGY (Part 2)

CHAIRMEN
L. Guidotti (Italy), M. Maio (Italy)

W8.6 Involvement of TIR8/SIGIRR in NK-cell-dependent cancer immune surveillance
E. Bonavita, N. Polentarutti, S. Gentile, F. Pasqualini, M. Nebuloni, S. Jaillon, F. Riva, A. Mantovani, C. Garlanda (Italy)

W8.7 Modifications of the bone marrow microenvironment that correlate with angiogenesis in the transition from smoldering multiple myeloma to multiple myeloma
A. Calcino, M. Grioni, E. Cattaneo, I. Villa, M.T. Bertilaccio, A. Rubinacci, M. Chesi, L. Bergsagel, M. Ponzoni, M. Bellone (Italy, USA)

W8.8 Natural killer cells infiltrating Colo-Rectal Cancer are switched towards the decidual-like pro-angiogenic CD56brightCD16-NK cell subset
A. Bruno, A. Pagani, S. Zanellato, S. Canali, L. Dominioni, E. Cassinotti, G. David, A. Albini, D.M. Noonan, L. Mortara (Italy)

W8.9 The role of cellular senescence in the progression from chronic liver inflammation to cancer
F. Faggioni, A. Villa, B. Cassani, P. Vezzoni (Italy)

W8.10 Evaluation of interaction between NK cells and colorectal carcinoma cells for development of NK cell-based immunotherapy in patients with refractory disease
FRIDAY 30 MAY 2014

15.45-17.15
ROOM VERDE

WORKSHOP 10 - VACCINES AND INFECTIONS

CHAIRMEN
P. De Berardinis (Italy), F. Dieli (Italy)

W10.1 Mechanism of action studies to investigate immune system activation upon immunization with Self Amplifying mRNA (SAM©) vaccines
S. Lazzaro, C. Giovani, S. Mangiovacchi, B. Baudner, D. Maione, A.J. Geall, U. D’Oro, C. Buonsanti (Italy, USA)

W10.2 Characterisation of antigen-specific CD4+ T cells by using MHC class II tetramers
G. Prota, E. Pettini, D. Medaglini, A. Ciabattini (Italy)

W10.3 Intranasal immunization with E2 multimeric scaffolds displaying the HIV-1 third hypervariable region induces V3-specific IgA antibodies as well as CD4+ T cell responses

W10.4 ESAT-6 and HspX improve the effectiveness of Bacille Calmette-Guérin to induce human dendritic cells-dependent T cells and natural killer cells activation
L. Marongiu, M. Donini, E. Zenaro, L. Toffali, S. Dusi (Italy)

W10.5 Functional single nucleotide polymorphism at the 3’UTR of the endoplasmic reticulum aminopeptidase 1 controls cytomegalovirus infection through the viral miR-US4-1
P. Romania, C. Cerboni, L. Cifaldi, B. Pignoloni, G. Li Pira, N. Starc, M. D’Amato, A. Santoni, F. Locatelli, D. Fruci (Italy, Sweden)

Break

17.30-18.15
AUDITORIUM

KEYNOTE LECTURE 2

CHAIRMAN
S. Romagnani (Italy)

KL2.1 Endogenous regulation of Th lymphocytes
A. Radbruch (Germany)

18.15-19.30
AUDITORIUM

SIICA ASSEMBLY AND RESULTS OF THE COUNCIL ELECTIONS
SATURDAY 31 MAY 2014

8.30-10.30
AUDITORIUM

PLENARY SYMPOSIUM 5 - CELLULAR INNATE IMMUNITY

CHAIRMAN
A. Santoni (Italy)

PS5.1 NCR+ innate lymphoid cells in human cancer
G. Ferlazzo (Italy)

PS5.2 Activation and differentiation of innate lymphoid cell subsets
C. Romagnani (Germany)

PS5.3 MicroRNA and macrophage activation
M. Locati (Italy)

PS5.4 On the 6-sulfo LacNAc+ dendritic cells (slanDCs) in human tumors
M. Cassatella (Italy)

PS5.5 CCR2 expression by macrophages promotes tumor progression through induction of IL-10 production
N. Caronni, B. Savino, M. Locati, R. Bonecchi (Italy)

Break

11.00-12.30
AUDITORIUM

WORKSHOP 11 - AUTOIMMUNE DISORDERS

CHAIRMEN
L. Battistini (Italy), A. Gabrielli (Italy)

W11.1 Modulatory preimplantation factor regulates post-infectious experimental autoimmune encephalomyelitis in therapeutic setting
G. Migliara, M. Valentini, A. Piermattei, G. Di Sante, F. Ria, E.R. Barnea (Italy, USA)

W11.2 The CXCL12/HMGB1 complex in rheumatoid arthritis
L. Raeli, G. Danelon, M.E. Bianchi, C. Pitzalis, M. Uguccioni (Switzerland, Italy, United Kingdom)

W11.3 (Collagen specific-) T cell related parameters provide information for the management of rheumatoid arthritis patients

W11.4 IL-17 protects T cells from apoptosis and contributes to development of ALPS-like phenotypes

W11.5 Increased CD8+ T cell responses to apoptotic T cell- associated antigens predict the favourable response to etanercept therapy in RA
A. Citro, H. Martini, R. Scrivo, F. Miranda, C. Martire, V. Barnaba, G. Valesini (Italy)
SATURDAY 31 MAY 2014

11.00-12.30

ROOM VERDE

WORKSHOP 12 - EPIGENETIC REGULATION OF THE IMMUNE RESPONSE

CHAIRMEN
F. Bazzoni (Italy), M. Pagani (Italy)

W12.1 Exosome-associated microRNA signatures are differentially enriched in the extracellular milieu of human CD4+ T cell subsets
P. de Candia, A. Torri, M. Crosti, M. Moro, J. Geginat, M. Pagani, S. Abrignani (Italy)

W12.2 MicroRNA-135b at the crossroad of macrophage polarized activation
N.G. Sukubo, M. Pesant, M. Locati (Italy)

W12.3 Identification of the lincRNAs landscape in human lymphocytes highlights modulation of T cell differentiation by linc-MAF-4
G. Rossetti, V. Ranzani, I. Panzeri, A. Arrigoni, R.J. Bonnal, S. Curti, E. Provasi, B. Bodega, S. Abrignani, M. Pagani (Italy)

W12.4 Demethylation of retinoic acid orphan receptor (ROR)C2 and interleukin (IL)-17A genes define T helper (Th)17 origin of non classic Th1 cells

W12.5 Histone deacetylase 2 couples Interleukin-10 anti-inflammatory activity with transcriptional repression
M. Castellucci, M. Rossato, N. Tamassia, S. Gasperini, M.A. Cassatella, F. Bazzoni (Italy)

12.30-13.15

AUDITORIUM

KEYNOTE LECTURE 3
SIICA

CHAIRMAN
A. Vacca (Italy)

KL3.1 Human Immunology for decoding chronic inflammatory diseases and tumors
V. Barnaba (Italy)

13.15-13.30

AUDITORIUM

CLOSING CEREMONY
P1.1 Upregulation of cytokines and IL-17 in patients with hereditary angioedema
F. Arcello, M. Salemi, A. La Porta, V. Selvaggio, V. Mandalà, V. Muggeo, G. Misiano, S. Milano, G. Colonna Romano, E. Cilliari (Italy)

P1.2 Experimental whole blood test to diagnose and monitor cystic echinococcosis disease
L. Petrone, V. Vanini, E. Petruccioi, G.M. Ettorre, E. Busi-Rizzi, E. Girardi, A. Ludovisi, E. Pozio, A. Taggi, D. Goletti (Italy)

P1.3 IL-17A and IL-25 confer on tonsil germinal centre B cells de novo migratory competence to CXCL12 and CXCL13
E. Ferretti, E. Di Carlo, C. Guarnotta, F. Bertoni, A. Corcione, I. Prigione, G. Fraternali-Orcioni, C. Tripodo, M. Ponzi, V. Pistoia (Italy, Switzerland)

P1.4 Medroxyprogesterone acetate, used in contraception, could affect women susceptibility to infections and asthma, decreasing IFN-γ, IL-5, IL-13
O. Kullolli, L. Lombardelli, F. Logiodice, S. Romagnani, E. Maggi, M.S. Barkley, M.-P. Piccinni (Italy, USA)

P1.5 Potential pathogenetic role of Th17, Th0, and Th2 cells in erosive and reticular oral lichen planus

P1.6 Comparison of the pregnancy and neonatal outcomes of women suffering from primary, or acquired autoimmune, thrombophlic conditions, and the effects of prophylactic antithrombotic therapies. A monocentric retrospective 10 years long analysis
F. Fishetti, S. Cecco, G. Maso, D. De Nardo, S. Alberico (Italy)

P1.7 CD8+ T cell responses to T-cell apoptosis-associated epitopes as a predictive marker of non-response to treatment with the structural analogue of sphingosine 1-phosphate (Fingolimod) or the anti-alpha4 integrin monoclonal antibody (Natalizumab) in MS patients
H. Martini, F. Lolli, A. Citro, C. Martire, E. Portaccio, C. Buscarinu, C. Policano, M. Salvetti, V. Barnaba (Italy)

P1.8 CD8+ T cell responses to fetal apo-protinogen-1 derived epitopes predict failure of Peg-IFNα/Ribavirin treatment in chronic HCV patients
H. Martini, A. Citro, C. Martire, D. Accapezzato, G. Labbadia, E.N. Cavallari, G. D’Ettorre, V. Vullo, V. Barnaba (Italy)

P1.9 Role of hypoplasticine neurons in the modulation of effector and regulatory T cell responses
C. Procaccini, V. De Rosa, S. Diano, T.L. Horvath, G. Matarrese (Italy, USA)

P2.1 Abatacept inhibits T cell proliferative response to recall antigens in juvenile idiopathic arthritis (JIA) patients
M. Capone, L. Maggi, R. Cimaz, V. Santarasci, V. Querci, G. Simonini, F. Nencini, F. Liotta, S. Romagnani, E. Maggi, F. Annunziato, L. Cosmi (Italy)

P2.2 Interleukin-2 as a novel innate cytokine

P2.3 Development of anti-infliximab antibodies is associated with infusion reactions and loss of response to the treatment
G. Petroni, F. Nencini, S. Pratesi, E. Maggi, A. Vultaggio, A. Matucci (Italy)

P2.4 The T cell response to infliximab correlates with the development of anti-infliximab antibodies in treated patients suffering from immuno-mediated diseases
G. Petroni, S. Pratesi, F. Nencini, E. Maggi, A. Vultaggio, A. Matucci (Italy)

P3.1 Migratory, and not lymphoid-resident, dendritic cells maintain peripheral self-tolerance and prevent autoimmunity via induction of iTreg cells
A. Broggi, F. Mingozzi, C. Vitali, I. Zanoni, F. Granucci, S. Barresi (Italy)

P3.2 The inhibition of adhesion and migration of myeloid cells as a new strategy in pancreatic cancer immunotherapy
P. Cappelli, E. Tonoli, G. Carletto, G. Mucciolo, R. Curto, F. Novelli (Italy)

P3.3 Unraveling the fingerprint of human DC-10, a dendritic cell subset involved in the establishment of peripheral tolerance
M. Comi, D. Tomasoni, W. Mentzen, M. Floris, A. Butelli, M.G. Roncarolo, S. Gregori (Italy)

P3.4 The HLA-G expression is critical for DC-10-mediated induction of T regulatory type 1 (Tr1) cells
G. Amodio, M.G. Roncarolo, S. Gregori (Italy)

P3.5 Peculiar roles of Helios-expressing regulatory T cells in human lung and colorectal cancers
E. Timpero, S. Piconese, I. Pacella, C. Focaccetti, L. Sacco, F. Farelli, G. Alessandri, F. Facciolo, S. Barresi (Italy)

P3.6 IL-10-potentiated B cell expansion and IL-10 production are differently regulated by immune-mediated and infectious stimuli
S. Tonon, F. Mion, G. Vitale, C.E. Pucillo, B. Toffoletto, D. Cesselli (Italy)

P4.1 SRC family kinases regulate chemokine secretion by myeloid cells and their recruitment into the lung
P. Mazzi, E. Caveggion, G. Berton (Italy)

P4.2 Innate immunity to aspergillus fumigatus infection: crosstalk between PTX3 and complement
F. Petroni, M. Sironi, S. Valentino, B. Bottazzi, A. Mantovani, A. Inforzato (Italy)
P4.3 Regulation of NKG2D and DNAM-1 ligand expression in human cytomegalovirus (HCMV)-infected fibroblasts: role of the DNA damage response (DDR) pathway and of viral immediate early proteins
B. Pignoloni, C. Fionda, V. Dell’Oste, G. Gribaudo, M. Cippitelli, A. Zingoni, S. Landolfo, A. Santoni, C. Cerboni (Italy)

P4.4 Interleukin-6 amplifies Toll-like receptor mediated cytokine and chemokine production: implications for the pathogenesis of rheumatic inflammatory diseases
I. Caiello, G. Minnone, D. Holzinger, T. Vogl, G. Prencipe, A. Manzo, F. De Benedetti, R. Strippoli (Italy, Germany)

P4.5 Natural killer cells and neutrophils are sequentially recruited to the inflamed synovium and promote joint damage in a murine model of osteoarthritis
G. Benigni, V. Milanova, F. Antonangeli, A. Ponzetta, E. Sanseverio, N. Ivanovska, P. Dimitrova, A. Santoni, G. Bernardini (Italy, Bulgaria)

P4.6 Pentraxin-3 is associated with disease severity and predict coagulation disorders in patients with severe sepsis or septic shock: results from the ALBIOS trial
R. Leone, S. Masson, P. Caironi, C. Fanizza, B. Bottazzi, M. Romero, T. Mauri, G. Tognoni, A. Mantovani, L. Gattinoni, R. Latini (Italy)

P4.7 Role of NFATc activation in innate immune cells in acute transplant rejection
I. Zanoni, F. Granucci, C. Cigni, R. Marzi (Italy)

P4.8 TL8R stimulation of intestinal epithelial cells affects the differentiation/functions of human monocytes
C. Angelini, B. Varano, P. Puddu, L. Conti, S. Gessani (Italy)

P4.9 Decidual stromal cells exert a strong inhibitory effect on natural killer cell function and dendritic cell differentiation
D. Crozatto, P. Vacca, F. Canegallo, R. Conte, L. Moretta, M.C. Mingari (Italy)

P4.10 Protective effect of the pentraxin 3 against histone-mediated endothelial cell cytotoxicity in sepsis

P4.11 CD14 and NFAT mediate lipopolysaccharide-induced skin edema formation in mice
I. Zanoni, R. Ostuni, S. Barresi, M. Di Gioia, A. Broggi, B. Costa, R. Marzi, F. Granucci (Italy)

P4.12 Role of the humoral pattern recognition molecule pentraxin 3 in defence against urinary tract infections

P4.13 Potent anti-cancer and anti-viral activities in a newly discovered subset of gamma delta T cells expressing natural cytotoxicity receptors

P4.14 Human 6-sulfo LacNAc+ dendritic cells do not express Tie-2
A. Micheletti, F. Calzetti, S. Lonardi, W. Vermi, M.A. Cassatella (Italy)

P4.15 The ubiquitin pathway and c-Cbl regulate MICA-induced endocytosis of NKG2D/DAP10 complexes in human NK cells
A. Spinelli, B. Silva-Santos, D. Mavilio (Italy, Portugal, France)

P4.16 Hepatic TDO2-derived L-kynurenine controls acute inflammatory responses by engaging the Aryl hydrocarbon receptor
S. Berardi, P. Leone, A. Ferrucci, I. Catacchio, M. Ponzoni, V. Ràcanelli, A. Vacca (Italy)

P5.1 Transfer of a protective anti-tumor immunity from immunized mothers to the offspring: first evidence
G. Barutello, C. Curcio, M. Arigoni, M. Spadaro, R. Trovato, I. Holmgren, G. Forni, E. Bolli, R. Clynes, F. Riccardo, F. Ria, F. Cavallo (Italy, Sweden, USA)

P5.2 Bone marrow endothelial cells: a red light for T cell responses against multiple myeloma
S. Berardi, P. Leone, A. Ferrucci, I. Catacchio, M. Ponzoni, V. Ràcanelli, A. Vacca (Italy)
P5.3 Macrophage migration in tolerance
F.M. Consolini, M.G. Totaro, C. Porta, A. Sica (Italy)

P5.4 iNKT cells control cancer progression by restraining pro-angiogenic tumor infiltrating macrophages
F. Cortesi, A. Calcino, F. Gorini, F. Pucci, M. Girion, G. Delfanti, M. De Palma, M. Bellone, G. Casorati, P. Dellabona (Italy, USA, Switzerland)

P5.5 Proangiogenic effect of bone marrow fibroblasts in patients with multiple myeloma
L. Di Marzo, V. De Santis, R. Ria, L. Rao, I. Catacchio, A. Solimando, A. Vacca, M.A. Frassanito (Italy)

P5.6 Migration stimulating factor: a novel marker of tumour progression?
I. Laface, S. Pesce, A. Infurato, A. Doni, P. Brennecke, P. Allavena, B. Bottazzi, A. Mantovani (Italy)

P5.7 Mouse-human microarray data integration reveals xCT as a new oncoantigen of breast cancer stem cells
S. Lanzardo, L. Conti, R. Ruiu, R. Antonazzo, R. Calogero, R. Cavallo (Italy)

P5.8 Effect of BRAF-i and MEK-i on both freshly isolated and in vitro activated human NK cells
C. Manzini, G. Pietra, L. Moretta, C. Mingari (Italy)

P5.9 Immunostimulatory activities of topotecan
S. Morlacchi, E. Riboldi, F. Zitelli, A. Sica (Italy)

P5.10 HER2 vaccine induce regulatory mechanisms in patients with HER2-overexpressing tumor: considerations for designing tumor vaccines
S. Occhipinti, L. Sponton, C. Angelini, A. Amici, C. Marchini, M.A. Satolli, M. Donadio, F. Novelli, M. Giovarelli (Italy)

P5.11 Ectoenzymes and bone marrow: an interchained functional connection
V. Quarone, A. Chillemi, I. Roato, M. Bolzoni, V. Ferri, F. Morandi, A. Zito, G. Zaccarello, A.L. Horenstein, N. Giuliani, V. Pistoia, F. Malavasi (Italy)

P5.12 Mesenchymal stem cells (MSCs) present in head and neck squamous cell carcinoma (HNSCC) display immunoregulatory activity in vitro and their number positively correlates with tumor size
V. Querci, F. Liotta, V. Santarlasci, L. Maggi, M. Capone, M.C. Rossi, A. Mazzoni, G. Mannelli, L. Cosmi, S. Romagnani, E. Maggi, O. Gallo, F. Annunziato (Italy)

P5.13 Ct3 promotes tumour growth via a mechanism independent on complement activation
D. Rami, C. Agostinis, S. Zorzet, P. Durigutto, C. Guarnotta, C. Tripodo, G.S. Ling, M. Botto, F. Tedesco, R. Bulla (Italy, United Kingdom)

P5.14 Analysis of the senescence-associated secretory phenotype of drug-treated multiple myeloma cells affecting natural killer cell migration and functions
B. Ricci, A. Soriani, M.L. Iannitto, A. Ponzetta, G. Bernardini, A. Santoni (Italy)

P5.15 Modulation of the metastatic niche by the atypical chemokine receptor D6 promotes lung metastatization of breast cancer
B. Savino, N. Caronni, C. Recordati, A. Mantovani, M. Locati, R. Bonecchi (Italy)

P5.16 Clinical experience of integrative immunotherapy centred on oleic acid complexed with de-glycosylated vitamin D binding protein
E. Ward, R. Smith, J. Branca, D. Noakes, G. Morucci, L. Thyer (United Kingdom, Italy, Guernsey)

P5.17 Enrichment of KIR+CD57+ highly cytotoxic NK cells in sentinel lymph nodes of melanoma patients

P5.18 Role of IL-27 in the regulation of IL-18 binding protein expression in ovarian cancer

P5.19 Uprregulation of NKG2D and DNAM-1 ligand expression by immunomodulatory drugs (IMiDs) in multiple myeloma cells
C. Fionda, A. Zingoni, F. Cecere, E. Vulpis, M.R. Ricciardi, M.T. Petrucci, A. Santoni, M. Cippitelli (Italy)

P5.20 Intratumoral immune landscape in neuroblastoma and its impact on clinical outcome
D. Fruci, M. Mina, A. Citti, P. Romania, A. Alisi, M. De Ioris, A. Castellano, C. Furlanello, F. Malavasi (Italy)

P5.21 B7h triggering inhibits the migration of tumor cell lines

P5.22 Melanoma cells produce adenosine through a CD38/PC-1/CD73 pathway and suppress T cell proliferation
A.L. Horenstein, F. Morandi, B. Morandi, P. Carrega, A. Chillemi, G. Zaccarello, M.C. Mingari, V. Pistoia, F. Malavasi (Italy)

P5.23 Natural killer cells from pleural effusions are responsive to interleukin-2 but are endowed with a potent pro-angiogenic feature

P5.24 Immunogenic cell death as novel immune response mechanism to EGFR-targeted therapy in Colorectal Cancer
C. Pozzi, G. Penna, E. Magni, M.G. Zampino, S. Sigismund, M. Rescigno (Italy)
P5.25 CSGP4-specific immunity and survival prolongation in dogs with oral malignant melanoma immunized with human CSGP4 DNA
F. Riccardo, S. Iussich, L. Maniscalco, S. Lorda Mayayo, G. La Rosa, M. Arigoni, R. De Maria, F. Gattino, S. Lanzardo, E. Lardone, M. Martano, E. Morello, S. Prestigio, A. Fiore, E. Quaglino, S. Zabarino, S. Ferrone, P. Buracco, F. Cavallo (Italy, USA)

P5.26 Unexpected relationship between ferritin heavy chain and NK cell tumor susceptibility
R. Sottile, C.M. Faniello, C. Garofalo, R. Tallerico, F.S. Costanzo, E. Carbone (Italy)

P5.27 Natural killer cells targeting of human and mouse cancer initiating cells

P5.28 Aminobisphosphonates prevent the inhibition of anti-tumor Vdelta 2 T lymphocytes exerted by lymph node stromal cells in non-Hodgkin lymphomas
P6 - ALLERGIC INFLAMMATION

P6.1 The tissue inhibitor of metalloproteinase-1 is down-regulated in endothelial cells by the soluble form of a disintegrin and metalloproteinase-33.
I. Puxeddu, F. Panza, F. Pratesi, P. Migliorini (Italy)

P7 - ANTIGEN PRESENTING CELLS

P7.1 Impact of local hypoxia and stem cell factor on mature dendritic cells in the bone marrow.
A.B. Barroeta Seijas, S. Vitale, I. Filippi, A.C. Quinci, S. Simonetti, A. Soriani, A. Naldini, A. Santoni, F. Di Rosa (Italy)

P7.2 Dendritic cell maturation in HCV infection: altered regulation of MHC class I antigen processing-presenting machinery.
P. Leone, S. Berardi, A. Vaccia, V. Racanelli (Italy)

P8 - AUTOIMMUNE DISORDERS

P8.1 Forced expression of indoleamine 2,3-dioxygenase 1 in dendritic cells restores immunoregulatory signaling in autoimmune diabetes.

P8.2 Peripheral blood mononuclear cells co-cultured with autologous skin fibroblasts up-regulate IL-17A and play anti-fibrotic effects in systemic sclerosis.
S. Vettori, G. Pascuale, M. Iudici, G. Cuomo, B. Russo, G. Barra, R. De Palma, G. Valentini (Italy)

P8.3 A single non-synonymous polymorphism reveals a modulatory role of Toll like receptor 2 on experimental autoimmune encephalomyelitis.
G. Di Sante, A. Pierrmatei, G. Migliara, M. Valentini, C. Nicolò, A. Sgambato, M.C. Geloso, F. Ria (Italy)

P8.4 Pathogenic role of IL-10 producing helper T cells in systemic lupus erythematosus.

P8.5 IL-21 is produced at high levels by CD4+ central memory T cells and regulates the balance between classical and pathogenic Th17 cells.
I. Kastirr, S. Maglie, M. Paroni, F. Caprioli, M. Pagani, S. Abrignani, J. Geginat (Italy)

P8.6 A non-complement-fixing antibody to β2 glycoprotein I as a novel therapy to control abortions and thrombosis in antiphospholipid syndrome.
C. Agostinis, P. Durigutto, D. Sblattero, M.O. Borghi, C. Grossi, F. Guida, R. Bulla, P. Macor, F. Pregnozato, P.L. Meroni, F. Tedesco (Italy)

P8.7 Distinct role for MyD88 signaling in myeloid cells and stromal cells in an imiquimod-induced mouse model of psoriasis.
S. Vettori, G. Pascuale, M. Iudici, G. Cuomo, B. Russo, G. Barra, R. De Palma, G. Valentini (Italy)

P8.8 IL-21 is produced at high levels by CD4+ central memory T cells and regulates the balance between classical and pathogenic Th17 cells.
I. Kastirr, S. Maglie, M. Paroni, F. Caprioli, M. Pagani, S. Abrignani, J. Geginat (Italy)

P8.9 Meta-immunological profiling of children with type 1 diabetes identifies new biomarkers to monitor disease progression.
M. Santopaolo, R. Nugnes, E. Mozzillo, A. Colamatteo, A. Franze, G. Matarese, M. Galgani (Italy)

P9 - CELL SIGNALING AND TRANSCRIPTION FACTORS

P9.1 The pathway Toll like receptor 2 - CD44: a pathogenetic mechanism and therapeutic target for inflammation in autoimmune disease.
G. Di Sante, A. Pierrmatei, M. Valentini, G. Migliara, G. Constantin, A. Ciacci, G. Matarese (Italy)

P9.2 Immunomodulatory effects of HIV-1 gp120 on human dendritic cells: role of STAT3/IL-6 axis.
M. Del Corno, G. Doninelli, B. Varaono, A. Masotti, J. Da Sacco, S. Gessani (Italy)
P10 - CELLULAR INNATE IMMUNITY

P10.1 Cholesterol acylation is essential for NKG2D expression in natural killer, γδ T and CD8+ T lymphocytes
S. Boero, R. Venè, S. Catellani, A. Musso, F. Tosetti, M.R. Zocchi, A. Poggi (Italy)

P10.2 Differential shedding of MICA allelic variants and MICB in response to chemotherapeutic agents in multiple myeloma cells: role of ADAM10
F. Cecere, E. Vulpis, M.A. Cassatella, S. Costa, F. D’Incà, P. Scapini, C. Pucillo (Italy)

P10.3 Interferon-γ induces the production of vascular endothelial growth factor C in human dendritic cells
V. Gagliostro, C. Mazzotti, D. Bossisio, S. Sozzani (Italy)

P10.4 Mutual activation of mast cells and neutrophils in innate immune response
R. Magris, B. Frossi, M.A. Cassatella, S. Costa, F. D’Incà, P. Scapini, C. Pucillo (Italy)

P10.5 Protein tyrosine phosphatase receptor gamma (PTPRG) is a negative regulator of monocyte integrin activation by chemotactic agents
M. Mirenda, L. Toffali, A. Montresor, C. Laudanna (Italy)

P10.6 Pivotal role of PGE2 in the production of VEGF-A by TLR-activated human dendritic cells
V. Salvi, X. Vaira, T. Musso, D. Bossisio, S. Sozzani (Italy)

P11 - EPIGENETIC REGULATION OF THE IMMUNE RESPONSE

P11.1 The expression of the long pentraxin PTX3 is regulated by epigenetic modifications in human colorectal cancer
M. Rubino, C. Greco, R. Papait, G. Basso, P. Kunderfranco, E. Barbati, A. Mantovani, C. Garlanda (Italy)

P11.2 Detection of long non-coding RNAs in resting and activated human monocytes and neutrophils
B. Mariotti, F. Bianchetto, N. Tamassia, M. Rossato, M. Castellucci, R. Ostuni, M. Cassatella, F. Bazzoni (Italy)

P12 - GRANULOCYTES AND MAST CELLS

P12.1 SRC family kinases and SYK are required for neutrophil extracellular trap formation in response to beta-glucan particles
S. Nani, L. Fumagalli, G. Berton (Italy)

P12.2 B cell activating factor and its role in the interaction between mast cells and B lymphocytes
A.A. Ceccaroni, F. Mion, E. Betto, V. Valeri, C. Pucillo (Italy)

P12.3 Mast cells contribute to solve inflammation in dss-induced colitis
A. Rigoni, L. Bongiovanni, A. Burocchi, S. Sangaletti, C. Guarnotta, C. Tripodo, M.P. Colombo (Italy)

P13 - IMMUNODEFICIENCIES

P13.1 Clinical and immunological characteristics in patients with IgA deficiency
A. De Matteis, L. Pacillo, S. Corrente, P. Puli’affito, A. Simonetti, S. Di Cesare, G. Di Matteo, S. Cascioli, R. Carsetti, C. Cancrini (Italy)

P13.2 DiGeorge syndrome patients with Cki deletion show an impaired T cell proliferation and reduced c-Fos activation
M. Giacomelli, R. Kumar, A. Soresina, M. Milanesi, T. Lorenzini, D. Moratto, A. Prandini, A. Plebani, R. Badolato (Italy)

P13.3 A novel T277I STAT3 mutation shows an unusual clinical phenotype with persistence of Th17 cells
M. Giacomelli, M. Pietrogrande, N. Tamassia, D. Moratto, R. Kumar, O. Scomodon, F. Parolini, F. Bazzoni, A. Plebani, R. Badolato (Italy)

P13.4 Mutational spectrum of the C1 inhibitor gene in a cohort of Italian patients with hereditary angioedema: description of nine novel mutations
S. Loffredo, V. Bafunno, M. Bova, A. Petraro1, M. G. Sessa, R. I. Staiiano, G. Marone, M. Triggiani (Italy)

P13.5 Invasive rhino-orbital aspergillosis during azacitidine treatment in high risk myelodysplastic syndrome
B. Palterer, E. Allegro, M. Trotta, O. Gallo, V. Santarlasci, L. Cosni, E. Maggi, L. Cosni (Italy)

P13.6 Effect of probiotic lactobacillus casei shirota on immune function of people living with HIV
C. D’Angelo, K. Falasca, E. Costantini, C. Ucciferi, M. Di Nicola, T. Concetti, F. Vignale, J. Di Biase, J. Vecchiet, M. Reale (Italy)

P13.7 Phenotypic and functional evaluation of lymphocytes in immunocompromised patients hospitalized in intensive care units
M.C. Rossi, L. Perretta, A. Mazzoni, M. Capone, L. Querci, M. Maggi, V. Santarlasci, L. Cosni, A. Peris, F. Annunziato, F. Liotta (Italy)

P14 - MUCOSAL IMMUNOLOGY

P14.1 Expression pattern and functional role of DNAM-1 family co-receptors on mucosal and peripheral blood T cell populations of pediatric subjects and inflammatory bowel diseases (IBD) patients
S. Battella, S. Oliva, A. Diillii, A. Moli, S. Cucchiara, A. Santoni, G. Palmieri (Italy)

P14.2 Cytokine production profile in the intestinal mucosa of children at high risk for coeliac disease
C. Gianfrani, V. Santarlasci, A. Camarca, S. Picascia, F. Liotta, C. Loia, E. Maggi, R. Troncone, F. Annunziato (Italy)
P14.3 Probiotic bacteria enhance antigen sampling and processing by dendritic cells in pediatric inflammatory bowel disease
C. Strisciuglio, E. Miele, F. Giugliano, S. Vitale, M.L. Andreozzi, A. Vitale, A. Staiano, R. Troncone, C. Gianfrani (Italy)

P14.4 Evaluation of the early intestinal T cell response to gluten in the PreventCD cohort with a high genetic risk for coeliac disease
C. Gianfrani, A. Camarca, S. Picascia, R. Auricchio, L. Mearin, F. Koning, R. Troncone (Italy, The Netherlands)

P14.5 Administration of reconstituted polyphenol oil bodies efficiently suppresses dendritic cell inflammatory pathways and acute intestinal inflammation
E. Cavalcanti, E. Vadrucchi, F.R. Del Vecchio, F. Addabbo, S. Bettini, R. Liou, V. Monsuro, A.Y. Huang, T.T.P. Pizarro, A. Santino, M. Chieppa (Italy, USA)

P14.6 Role of CX3CR1+ intestinal macrophages in acute inflammation and in colitis-associated cancer
G. Marelli, M. Erreni, A. Mantovani, P. Allavena (Italy)

P14.7 Purinergic P2X7 receptor activity in the regulation of glucose metabolism at the interface between gut-associated lymphoid tissue and commensal microflora
L. Perruzza, F. Grassi (Switzerland)

P14.8 Role of SPARC in Dextran Sodium Sulfate-induced colitis in mice
A.M. Tomirotti, A. Passafaro, A. Rigoni, E. Di Carlo, C. Tripodo, M.P. Colombo (Italy)

P14.9 Polyphenols embedded reconstituted oil bodies imprints unique maturational program to murine DCs
E. Cavalcanti, E. Vadrucci, F.R. Del Vecchio, E. Cavalcanti, M. Mastonardi, V. Monsuro, M. Chieppa (Italy)

P15 - VACCINES AND INFECTIONS

P15.1 Impact of vaccination route and chosen adjuvant on immune responses and host-pathogen interplay during influenza infection
V. Zurli, M. Tacccone, M. Brazzoli, S. Gallorini, F. Corrente, G. Volpini, C. Galeone, A. Bonci, S. Bonacci, D. Casini, E. De Gregorio, B. Baudner, S. Bertholet, A. Seubert (Italy)

P15.2 Efficacy of a Flu HA vaccine based on Self Amplifying mRNA against Influenza infection in mice and ferrets
M. Brazzoli, D. Magini, S. Buccato, A. Bonci, D. Casini, S. Mangiavacchi, D. Maione, E. Settembre, P. Mason, L. Brito, A. Geall, S. Bertholet (Italy, USA)

P15.3 Evaluation of immune responses to Alum-TLR7 adjuvanted TdP vaccine

P15.4 A promising novel formulation of Staphylococcus aureus vaccine protects mice via antibodies and CD4+ effector T cells

P15.5 Role of nutritional status and metabolism on susceptibility to tuberculosis
C. La Rocca, C. Palmia, V. Gigantino, G. Matarese (Italy)

P15.6 Alum and squalene-oil-in-water emulsion enhance the titer and avidity of anti-αβ antibodies induced by multimeric protein antigen (1-11)E2, preserving the IgG1-skewed isotype distribution
F. Mantile, M. Trovato, A. Santoni, P. Barba, S. Ottonello, P. De Berardinis, A. Prisco (Italy)

P15.7 Vaccine adjuvant MF59 promotes retention of unprocessed antigen on lymph node macrophages and follicular dendritic cells
R. Cantisani, A. Peczicoli, R. Goncada, C. Malzone, E. De Gregorio, E. D’Oro, D. Piccoli (Italy)

P15.8 Vaccine-mediated B cell responses to Staphylococcus aureus alpha-Hemolysin (Hla) and effect of different boosting intervals on functional antibodies
G. Lofano, F. Mancini, E. Soldaini, F. Bagnoli, S. Nuti, M.T. Fiorillo, E. De Gregorio, S. Bertholet (Italy)

P15.9 IFN-γ by NKS enhances bacterial pathogenesis in a murine model of meningitis by type 4 Streptococcus pneumoniae
E. Pettini, F. Fiorino, A.M. Cuppone, F. Iannelli, D. Medaglini, G. Pozzi (Italy)
INDUSTRY SPONSORED SESSIONS
29 May 2014

PFIZER SPONSORED LECTURE - SS1

12.15-13.00
AUDITORIUM

Chairman: A. Matucci (Italy)

Clinical aspects of immunogenicity of anti-TNF drugs in RA: long term efficacy and drug survival
A. Vultaggio (Italy)

At the end of the session a snack will be distributed to participants

30 May 2014

NOVARTIS SPONSORED LECTURE - SS2

12.15-13.00
AUDITORIUM

Chairman: S. Romagnani (Italy)

New perspective in the treatment of patients with uncontrolled chronic urticaria
M. Triggiani (Italy)

At the end of the session a snack will be distributed to participants