



**ANNUAL MEETING 2017**  
***Aula Magna***  
**Rettorato, University of Siena**  
**Via Banchi di Sotto 55, 53100 Siena, Italy**

**18<sup>th</sup> - 20<sup>th</sup> September**  
**Draft Agenda**

**September 18<sup>th</sup>, 2017** **Day 1**

**14:30 Registration**

**15:15-16:10 Opening Session**

<b>15:15</b>	<b>Welcome Address</b>	
		<b>Francesco Frati</b> <i>Rector of the University of Siena</i>
		<b>Luisa Bracci</b> <i>Professor of Biochemistry</i>
		<b>Monica Barni</b> <i>Vice-President of the Tuscan Region</i>
		<b>Bruno Valentini</b> <i>Mayor of Siena</i>
<b>15:45</b>	<b>The Future Challenges of Vaccines</b>	<b>Rino Rappuoli</b>
<b>16:00</b>	<b>Assessment of the Scientific and Socio Economic Impact of the ADITEC Project</b>	<b>Donata Medagliani</b>

**16:10-17:10 Vaccine Adjuvants**

		<b>Chair: Ali Harandi</b>
<b>16:10</b>	<b>WP1 Overview ADITEC Vaccine Adjuvants</b>	Ali Harandi
<b>16:20</b>	Systems analysis of ADITEC adjuvants	Ali Harandi
<b>16:30</b>	Vaccine delivery property and adjuvanticity of squalene emulsions, CAF01 and CAF09 to CAF23	Dennis Christensen
<b>16:40</b>	GSK adjuvants comparative analysis	Ugo D'Oro
<b>16:50</b>	<i>General Discussion</i>	

**17:10-18:45 Vaccine Vectors**

		<b>Chair: Claude LeClerc</b>
<b>17:10</b>	<b>WP2 Overview of ADITEC Vectors</b>	Claude Leclerc
<b>17:25</b>	Testing of recombinant BCG expressing H56 against tuberculosis in a mouse model	Natalie Nieuwenhuizen
<b>17:35</b>	Progress on OMV vaccines for tuberculosis and chlamydia	Diane Houben
<b>17:45</b>	Recombinant <i>Streptococcus gordonii</i> expressing H56	Gianni Pozzi
<b>17:55</b>	IDLV-based immunisation against influenza virus antigens	Donatella Negri / Andrea Cara
<b>18:05</b>	The long-lasting CD8+ T cell responses induced by IDLV are linked to persistent antigen expression	Claude Leclerc
<b>18:15</b>	Multi-level strategy to identify proteasome-catalyzed spliced epitopes targeted by CD8+ T cells in bacterial infection	Alice Sijts
<b>18:25</b>	<i>General Discussion</i>	

**19:00 Visit of Civic Museum of Palazzo Pubblico**

**20:00 Welcome Dinner – Loggia dei Nove, Palazzo Pubblico**

**8:30-9:30 Routes of Immunization and Prime-Boost Strategies**

			<b>Chair: Donata Medaglini</b>
8:30	<b>WP4, WP5</b>	<b>Overview</b>	Robin Shattock
8:40		<i>Chlamydia</i> prime-boost strategies	Robin Shattock
8:55		Heterologous TB prime-boost strategies	Annalisa Ciabattini
9:10		<i>General Discussion</i>	

**9:30-10:30 Advanced Animal Models**

			<b>Chair: Roger LeGrand</b>
9:30	<b>WP6</b>	<b>Overview of Advanced Animal Models</b>	Roger LeGrand
9:40		TB Challenge studies – Correlates of protection	Peter Andersen
9:50		<i>Chlamydia</i> challenge studies in NHP	Helene Bæk Juel
10:00		Influenza studies in NHP	Vanessa Contreras-Deves
10:10		<i>General Discussion</i>	

**10:30 – 11:00 Coffee Break****11:00-12:45 Aging and Early Life**

			<b>Co-Chairs: Claire-Anne Siegrist, Birgit Weinberger</b>
11:00	<b>WP7</b>	<b>Overview of Early Life and Elderly Studies</b>	Claire-Anne Siegrist and Birgit Weinberger
11:15		From innate early life responses to influenza towards better infant vaccines	John Tregoning
11:25		Influence of maternal antibodies on neonatal responses to CAF01-adjuvanted influenza vaccines	Maria Vono
11:35		Immunological responses to MF59-Adjuvanted Influenza Vaccine in young children and adults	Elizabeth Clutterbuck
11:45		Transcriptional signatures of adjuvanted influenza vaccine in infants	Dmitri Kazmin
11:55		In vitro response to TLR4 agonists	Birgit Weinberger
12:05		Primary and booster vaccination against Hepatitis B in the elderly	Birgit Weinberger
12:15		<i>General Discussion</i>	

**12:45 - 14:00 Cortile del Palazzo del Rettorato, Università di Siena****SVA Associate Assembly (SVA Members only)****External Advisory Board, Ethics Boards, EC Representatives Meeting****14:00-15:20 Molecular Signatures of Immunity**

			<b>Chair: Tom Ottenhoff</b>
14:00	<b>WP8</b>	<b>Overview of Molecular Signatures of Immunity studies</b>	Tom Ottenhoff
14:10		Whole blood expression profiling VPM1002–Vaccinated newborns	Jeroen Maertzdorf
14:20		dcRT-MLPA Assay to profile mRNA expression of host genes on T cell and B cell libraries	Marielle Haks
14:30		Identifying and testing new candidate markers of innate mucosal immunity	Alberto Mantovani
14:40		Highlights on biomarkers of vaccination	Giuseppe Del Giudice
14:50		Repertoire analysis of TCR and BCR	Antonino Cassotta / Philipp Pappadimitris
15:00		<i>General Discussion</i>	

**15:20 - 15:50 Coffee Break****15:50 – 16:10 Feedback of SMEs supported by ADITEC**

15:50		Effects of LiteVax Adjuvant to H7N9 in naive and primed mice	Luuk Hilgers
16:00		TBC	BioNTech RNA Pharmaceuticals

**16:10-16:40 Training, Dissemination, Management, Impact**

16:10	<b>WP16</b>	Overview of ADITEC Training	Paul – Henri Lambert
16:20	<b>WP17</b>	Dissemination	Tiziana Masini
16:30	<b>WP18, WP19</b>	Project Management	Cristiana Tozzi and Marco Bargagna

**18:30 Visit of the Santa Maria della Scala Museum****20:00 Social Dinner - Sansedoni Palace, Monte dei Paschi di Siena Foundation**

**8:30-9:20 Systems Biology**

			<b>Chair: Dmitri Kazmin</b>
8:30	<b>WP9</b>	<b>Overview of Systems Biology of Vaccination</b>	Dmitri Kazmin
8:40		Systems analysis of vaccine responses in adult and pediatric populations	Dmitri Kazmin
8:50		Mathematical modelling to study vaccine immune response	Antonio Vicino
9:00		<i>General Discussion</i>	

**9:20-10:55 Human Studies**

			<b>Chair: David Lewis</b>
9:20		<b>Overview of the ADITEC Clinical Studies</b>	David Lewis
9:30	<b>WP10</b>	Heterologous prime-boost in human immunization	Antonino Cassotta Philipp Paparoditis Christoph Blohmke
9:40	<b>WP12</b>	Human transcriptomic and immune response to prophylactic immunization and challenge	
9:50	<b>WP13</b>	Clinical trials of novel technology: <i>Shigella sonnei</i> GMMA	Audino Podda
10:00	<b>WP13</b>	Clinical trial of novel technology/Adjuvant: <i>Chlamydia trachomatis</i> /CAF	Kjersti Moen
10:10	<b>WP14</b>	Effects of human genetics, gender and disease on vaccine responses	Thorunn Olafsdottir
10:25		Sample repository	Roger LeGrand
10:35		<i>General Discussion</i>	

**10:55– 11:25 Coffee Break****11:25-12:15 Round-table “The future of vaccine immunization technologies”****Co-Chairs: Arnd Hoeverler, Rino Rappuoli**

<b>Panelists:</b>	Georges Thiry	Human Vaccines Project
	Karen Makar	Bill and Melinda Gates Foundation
	David Salisbury	Chatham House
	Pierluigi Lopalco	Former Head of the Vaccine Preventable Disease Programme, ECDC

**12:15-12:45 EC External Reviewers, External Advisory Board, Ethics Board Feedback****Chair: Arnd Hoeverler***Head of Unit E5, DG RTD, EC*

The EC Perspective	Arnd Hoeverler
External Reviewers	Geert Leroux-Roel, Geneviève Inchauspé
External Advisory Board	David Salisbury, Pierluigi Lopalco
Ethics Board	Cornelia Exner

**12:45-13:00 Concluding Remarks****Rino Rappuoli and Arnd Hoeverler****13:00-14:00 Lunch****14:00-15:00 Steering Committee Meeting**