The Biology of ANTHRAX

International CONFERENCE

SEPTEMBER 3 - 6, 2019
BARI - ITALY
Villa Romanazzi Carducci
Dear participants,

It is my great honour to announce that the next Biology of Anthrax Conference will be held in Bari, the capital of the beautiful region of Puglia in Italy. The conference is organized by the Istituto Zooprofilattico Sperimentale of Puglia and Basilicata which is the National Anthrax Reference Laboratory for Italy. The institution which was founded in 1928 produces anthrax vaccine for veterinary use and is tasked with analysing suspicious items for the presence of anthrax spores in support of the Italian government’s efforts to counter bioterrorism. In addition to its important national role the institution also provides training and support to veterinarians and researchers from across the globe.

Visiting Puglia is an enriching activity for the mind and the soul. The region is home to a treasure trove of art, history, tradition and nature. Located in the southeast corner of Italy in the heart of the Mediterranean Sea, it has been home, over the centuries to the Greeks, Romans, Byzantines, Normans, Swabians and Angevins. The echo of these civilizations can be observed in the landscape and in the traditions of the people of Puglia. In addition to an array of archaeological, architectural and artistic treasures the region can boost three UNESCO world heritage sites: Castel del Monte, the fortress of Emperor Federico II, the Trulli of Alberobello and the Sanctuary of San Michele Arcangelo in Monte Sant’Angelo, a masterpiece of medieval art and an international pilgrimage destination.

The splendour of these physical sites is complemented by the richness of Apulian gastronomy which offers an explosion of flavours built on locally produced natural ingredients such as extra virgin olive oil and fine wines.

Puglia is waiting for you.

Antonio Fasanella
General Director of IZS of Puglia and Basilicata
Scientific Organizing Committee

- Dr Antonio FASANELLA
  Istituto Zooprofilattico Sperimentale of Puglia and Basilicata, Foggia (Italy)

- Prof Les BAILLIE
  School of Pharmacy and Pharmaceutical Sciences, Cardiff University (UK)

- Dr Bassam HALLIS
  Public Health England, National Infection Service, Porton Down, Salisbury (UK)

- Dr Diane WILLIAMSON
  Defence Science and Technology Laboratory, Porton Down, Salisbury (UK)

- Dr Sara CASEY
  Defra, Stafford (UK)

- Dr Domenico GALANTE
  Istituto Zooprofilattico Sperimentale of Puglia and Basilicata, Foggia (Italy)
Day 1 – September 3, 2019

16:00 - 17:00  Registration, Salone degli Affreschi - University of Bari

17:00 - 17:15  Opening address by Dr Antonio Fasanella

17:15 - 18:00  Welcome address by local dignitaries
Michele Emiliano - President of Puglia Region
Vito Bardi - President of Basilicata Region
Antonio Decaro - Mayor of Bari
Romano Marabelli - Advisor to the Director General of OIE
Silvio Borrello – Chief Veterinary Officer, Directorate General for Veterinary Health and Veterinary Medicinal Products (DGSAF), Ministry of Health (Italy)
Stefano Bronzini - Rector of the University of Bari Aldo Moro
Luigia Sabbatini - Vice-Rector of the University of Bari Aldo Moro

18:00 - 18:30  Some anthrax experiences
Martin Hugh Jones - Louisiana State University (USA)

18:30 - 19:30  Welcome cocktail
## ECOLOGY/DETECTION/DIAGNOSTICS AND FORENSIC TYPING

**Session Chairs:** Antonio Fasanella and Gregor Grass

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:00 - 09:10</td>
<td><strong>Opening remarks</strong> Session chairs</td>
</tr>
<tr>
<td>09:10 - 09:40</td>
<td><strong>Bacillus anthracis</strong> evolutionary history: taking advantage of polytomies and human history to propose dating points Gilles Vergnaud (<em>Institute for Integrative Biology of the Cell - France</em>)</td>
</tr>
<tr>
<td>09:40 - 10:10</td>
<td>External quality assurance exercises for the detection of <em>Bacillus anthracis</em> and other highly pathogenic infectious agents Roland Grunow (<em>Robert Koch Institute - Germany</em>)</td>
</tr>
<tr>
<td>10:10 - 10:30</td>
<td>Specific and rapid detection of <em>Bacillus anthracis</em> cells by fluorescent phage receptor binding fusion proteins Peter Braun (<em>Bundeswehr Institute of Microbiology - Germany</em>)</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Coffee &amp; Posters</td>
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<tr>
<td>11:00 - 11:20</td>
<td><strong>Whole genome single nucleotide polymorphism analysis of Bacillus anthracis</strong> in Kruger National Park highlights distinctive A and B sub-clades Kgaugelo Edward Lekota (<em>University of Pretoria - South Africa</em>)</td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td><strong>Discrimination of Bacillus cereus</strong> group members by MALDI-TOF mass spectrometry Domenico Galante (<em>Istituto Zooprofilattico Sperimentale of Puglia and Basilicata - Italy</em>)</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td><strong>Specific detection of the 16S ribosomal RNA genes of Bacillus anthracis</strong> and their transcripts by digital PCR and fluorescence in situ hybridization Gregor Grass (<em>Bundeswehr Institute of Microbiology - Germany</em>)</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td><strong>Identification and antibiotic susceptibility profile determination of Bacillus anthracis</strong> in 12 hours using lethal factor endopeptidase activity coupled with MALDI-MS Jon Rees (<em>CDC - USA</em>)</td>
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<tr>
<td>12:20 - 12:40</td>
<td><strong>Anthrax in Jordan and its molecular epidemiology</strong> Amin A. Aqel (<em>Mu’tah University, Jordan</em>)</td>
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<tr>
<td>12:40 - 13:00</td>
<td><strong>Toxins and hematology provide insights into the dynamics of anthrax progression</strong> Anne E. Boyer (<em>CDC - USA</em>)</td>
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<tr>
<td>13:00 - 14:00</td>
<td><strong>Lunch &amp; Posters</strong></td>
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<tr>
<td>14:00</td>
<td><strong>Visit to Matera</strong></td>
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THE BIOLOGY OF *Bacillus anthracis*

**Session Chairs:** Les Baillie and Giuseppe Ippolito

**09:00 - 09:10** Opening remarks
Session chairs

**09:10 - 09:40** *Bacillus anthracis* genome characterization: plasmids, U.S. phylogeography, and more
Alex Hoffmaster *(CDC - USA)*

**09:40 - 10:00** Human anthrax in Turkey: a ten years experience (2009-2018)
Mehmet Doganay *(Erciyes University, Turkey)*

**10:00 - 10:20** Characterization of *Bacillus anthracis* from anthrax outbreaks in Kruger National Park (2012-2016) and the role of vultures in dissemination
Ayesha Hassim *(University of Pretoria - South Africa)*

**10:20 - 11:00** Coffee & Posters

**11:00 - 11:30** Roles of the cellular receptors CMG2 and TEM8 in the generation of a toxin-neutralizing antibody response to anthrax protective antigen
Anita Verma *(FDA - USA)*

**11:30 - 11:50** Inhibition of complement activation prevents organ failure and provides survival benefit in baboons challenged with *Bacillus anthracis* peptidoglycan
Florea Lupu *(Oklahoma Medical Research Foundation - USA)*

**11:50 - 12:10** Biology of anthrax – Latent infections
Robert Gainer *(Retired practitioner - Canada)*

**12:10 - 12:30** The history of anthrax in Australia
Janine Muller *(Agrobio, La Trobe University Campus, Australia)*

**12:30 - 13:30** Lunch & Posters
**MEDICAL COUNTERMEASURES-ANTIMICROBIALS/ANTITOXINS AND VACCINES**

Session Chairs: **Bassam Hallis and Roland Grunow**

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<tr>
<th>Time</th>
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<tr>
<td>13:30 - 13:40</td>
<td>Opening remarks</td>
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<tr>
<td>13:40 - 14:10</td>
<td>Establishing preparedness against anthrax: enhancements in the USG countermeasure portfolio since the Amerithrax attacks in 2001</td>
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<td>Chia-Wei Tsai <em>(BARDA - USA)</em></td>
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<td>14:10 - 14:40</td>
<td>B-SAFE: A phase 2 clinical trial evaluating anthrax vaccines in subjects over the age of 65</td>
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<td>Daniel Wolfe <em>(BARDA - USA)</em></td>
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<tr>
<td>14:40 – 15:10</td>
<td>An intranasal rPA-NanoVax® <em>(NE01)</em> vaccine induced mucosal and systemic immunity that provided substantial protection following one vaccination and a full protection following two immunizations</td>
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<tr>
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<td>Ali Fattom <em>(BlueWillow Corp - USA)</em></td>
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<tr>
<td>15:10 - 15:40</td>
<td>Coffee &amp; Posters</td>
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</table>
MEDICAL COUNTERMEASURES - ANTIMICROBIALS/ANTITOXINS AND VACCINES

Session Chairs: Diane Williamson and Cesare Montecucco

15:40 - 16:00 ImplaVax® novel solid dose vaccine technology – Delivering improved thermal stability and performance with ultimate convenience
Ludovic Bonnet (Enesi Pharma - United Kingdom)

16:00 - 16:20 Development of AV7909 vaccine for post-exposure prophylaxis of anthrax disease: current progress towards licensure
Josh Reece (Emergent BioSolutions - USA)

16:20 - 16:40 A comparison of the adaptive immune response between recovered anthrax patients and individuals receiving three different anthrax vaccines
Thomas Laws (Defence Science and Technology Laboratory (Dstl) - United Kingdom)

16:40 - 17:00 Characterization and targeting of the Bacillus anthracis’S-layer: a new way to fight anthrax
Antonella Fioravanti (VIB - Belgium)

17:00 - 17:20 Comparing immunogenicity of non-living anthrax vaccine candidates in combination with simultaneous antibiotic treatment in goats and using passive mouse protection model
Henriette van Heerden (University of Pretoria - South Africa)

17:20 - 17:40 Development and approval of Anthrasil® [Anthrax Immune Globulin Intravenous (human)] product for treatment of inhalational anthrax under the FDA animal rule
Douglas Barker (Emergent BioSolutions - Canada)

17:40 - 18:30 Poster session

20:00 Conference dinner
# EMERGENCY PLANNING/ DECONTAMINATION

**Session Chairs:** Sara Casey and M. Worth Calfee

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<td>09:10 - 09:40</td>
<td>Development of sampling and analytical capabilities to support large-scale anthrax incident response operations&lt;br&gt;M. Worth Calfee (Environmental Protection Agency - USA)</td>
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<tr>
<td>09:40 - 10:10</td>
<td>Drumming-associated anthrax incidents: exposures to low levels of indoor environmental contamination&lt;br&gt;Emma Bennett (PHE-ERD Science and Technology - United Kingdom)</td>
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<td>10:10 - 10:30</td>
<td>Super resolution analysis of <em>Bacillus anthracis</em> spores&lt;br&gt;Graham Christie (University of Cambridge - United Kingdom)</td>
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<tr>
<td>10:30 - 10:45</td>
<td>Coffee &amp; Posters</td>
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<tr>
<td>11:00 - 11:20</td>
<td><em>Bacillus anthracis</em> spore germination and inactivation&lt;br&gt;Tony Buhr (Naval Surface Warfare Center - USA)</td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td>Use of contemporary agricultural approaches for the wide area decontamination of <em>Bacillus anthracis</em>&lt;br&gt;Janine Jordan (Defence Science and Technology Laboratory - United Kingdom)</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>The enemy of my enemy is my friend. <em>Bacillus anthracis</em> specific bacteriophages&lt;br&gt;Les Baillie (Cardiff University - United Kingdom)</td>
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<td>Lunch &amp; Posters</td>
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### REGULATORY AFFAIRS WORKSHOP

**Session Chairs:** Bassam Hallis and Michael Merchlinsky

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<td>13:40 - 14:10</td>
<td>Regulatory approval of anthrax therapeutics: application of the FDA Animal Rule</td>
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<td>Michael Merchlinsky <em>(BARDA - USA)</em></td>
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<td>14:10 - 14:40</td>
<td>UK regulatory perspective on safe working with <em>Bacillus anthracis</em></td>
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<td>David Johnson <em>(Health and Safety Executives - United Kingdom)</em></td>
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<tr>
<td>14:40 - 15:00</td>
<td>US Food and Drug Administration medical countermeasures initiative &quot;Strengthening regulatory science to further the development of medical countermeasures&quot;</td>
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<td>Tracy MacGill <em>(FDA - USA)</em></td>
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<tr>
<td>15:00 - 15:10</td>
<td>Discussion and Conference Wrap Up</td>
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ECOLOGY/ DETECTION/ DIAGNOSTICS AND FORENSIC TYPING

P 01 ANTHRAX IN SICILY IN 2016: EPIDEMIOLOGICAL INVESTIGATION OF THE OUTBREAKS
Antonio Salvaggio, Renato Giunta, Anna Maria Fausta Marino, Antonino Salina, Domenico Galante, Luigina Serrecchia, Valeria Rondinone, Antonio Fasanella (Italy)

P 02 PHYLOGENOMIC STRUCTURE OF BACILLUS ANTHRACIS ISOLATES IN THE NORTHERN CAPE PROVINCE, SOUTH AFRICA REVEALED NOVEL SINGLE NUCLEOTIDE POLYMORPHISMS
Kgaugelo Edward Lekota, Ayesha Hassim, Evelyn Madoroba, Charles A. Hefer, Henriette van Heerden (South Africa/New Zealand)

P 03 PRIORITIZATION OF COLLECTION SITES FOR BACILLUS ANTHRACIS ISOLATION IN ANTARCTICA BY PROCESS OF HIERARCHICAL ANALYSIS
Adriana M Vivoni, Luiz Octávio Gavião (Brazil)

P 04 COMPARISON OF DROPLET DIGITAL PCR AND QUANTITATIVE REAL-TIME PCR FOR THE DETECTION AND QUANTIFICATION OF BACILLUS ANTHRACIS SPORES
Domenico Galante, Luigina Serrecchia, Viviana Manzulli, Valeria Rondinone, Giovanna La Salandra, Gianfranco La Bella, Maria Grazia Basanisi, Gaia Nobili, Valeria Maria Cristina Telera, Antonio Fasanella (Italy)

P 05 INVESTIGATION AND ANALYSIS OF AN ITALIAN OUTBREAK OF BACILLUS ANTHRACIS THROUGH USE OF WHOLE GENOME SEQUENCING (WGS)
Alexandra Chiaverini, Mostafa Abdel-Glil, Jörg Linde, Domenico Galante, Antonio Parisi, Antonio Fasanella, Giuliano Garofolo, Herbert Tomaso (Italy/Germany)

P 06 RNA-SEQUENCING FOR TRANSCRIPTOME COMPARISON BETWEEN BACILLUS ANTHRACIS AND BACILLUS CEREUS BIOVAR ANTHRACIS
Constanze Cox, Sascha Dietrich, Heiko Liesegang, Andrea Thürmer, Susann Dupke, Roland Grunow, Silke R. Klee (Germany)

P 07 DETECTION OF BACILLUS ANTHRACIS - LIKE SPORES IN SOIL FROM STATE OF RIO DE JANEIRO, BRASIL
Jacqueline R S Salgado, Adriana M. Vivoni, Maria de Fátima dos S Gomes, Regina Celia da S. B. Allila, Leon Rabinovitch, Vitor Hugo S G de Souza, Rafael B Rodrigues, Renata C. Picão (Brazil)
THE BIOLOGY OF *BACILLUS ANTHRACIS*

**P 08**  PHYSICAL AND MOLECULAR CHARACTERISTICS OF *BACILLUS CEREUS* STRAINS THAT CAUSE ANTHRAX DISEASE  
Victoria M. Baldwin, Shathviga Manoharan, Nick Waterfield, Petra Oyston  
(United Kingdom)

**P 09**  ENHANCING ANTHRAX SURVEILLANCE AND DIAGNOSTICS IN ENDEMIC COUNTRIES  
Antonio Vieira, Johanna Salzer, Rita Traxler, Caitlin Cossaboom, Katherine Hendricks, Melissa Kadzik, Melissa Ivey, Atanaska Marinova-Petkova, Chung Marston, Cari Kolton, Robyn Stoddard, Alex Hoffmaster, William Bower, Henry Walke  
(USA)

**P 10**  HUMAN SEROPREVALENCE ANALYSES IN THE TAÏ AREA, CÔTE D’IVOIRE, USING THE NEW ANTIGEN PXO2-60  
(Germany/Côte d’Ivoire)

**P 11**  GERMAN-IVORIAN COOPERATION PROJECT FOR RESEARCH OF *BACILLUS CEREUS* BIOVAR ANTHRACIS – A SEVEN YEAR EXPERIENCE  
Silke R. Klee, Susann Dupke, Biégo G. Gragnon, Fee Zimmermann, Constanze Hoffmann, Constanze Cox, Cyrille Ehounoud, Félicité Beudjé, Sébastien Calvignac-Spencer, Roland Grunow, Chantal Akoua-Koffi, Emmanuel Couacy-Hymann, Fabian H. Leendertz  
(Germany/Côte d’Ivoire)

**P 12**  LOW ANTIBODY PREVALENCE AGAINST *BACILLUS CEREUS* BIOVAR ANTHRACIS IN TAÏ NATIONAL PARK, CÔTE D’IVOIRE, INDICATES HIGH RATE OF LETHAL INFECTIONS IN WILDLIFE  
(Germany/Canada/Côte d’Ivoire)

**P 13**  INTEGRATED ASSESSMENT OF THE EPIDEMIOLOGICAL, CLINICAL, MICROBIOLOGICAL AND ECOLOGICAL FACTORS INVOLVED IN TWO HUMAN CASES OF CUTANEOUS ANTHRAX IN LATIUM REGION, ITALY  
Emanuele Nicastri, Francesco Vairo, Paola Mencarini, Antonio Battisti, Chiara Agrati, Eleonora Cimini, Stefania Carrara, Silvia D’Arezzo, Rosanna Adone, Antonella Vulcano, Marco Iannetta, Alessandro Capone, Nicola Petroisillo, Antonio Fasanella, Antonino Di Caro, Giuseppe Ippolito, Italian Anthrax Team Members  
(Italy)

**P 14**  SPORULATION OF *BACILLUS ANTHRACIS* AT DIFFERENT TEMPERATURES  
Anna-Lena Johansson, Eva Lundmark, Stina Bäckman, Mona Byström, Susanna Sternberg-Lewerin  
(Sweden)

**P 15**  NEW TOXIN FLUORESCENT TOOLS TO FOLLOW *BACILLUS CEREUS* BIOVAR ANTHRACIS INFECTION IN VITRO AND IN VIVO  
Emilie Tessier, Cyril Badaut, Pierre Goossens, Jean-Nicolas Tournier, Clemence Rougeaux  
(France)
MEDICAL COUNTERMEASURES-ANTIMICROBIALS/ANTITOXINS AND VACCINES

P 16  COMPARATIVE EFFICACY AND IMMUNOGENICITY OF THERMOSTABLE (LYOPHILIZED) AND LIQUID FORMULATION OF ANTHRAX VACCINE CANDIDATE AV7909
Autumn Smiley, Daniel Sanford, Cheryl Triplett, Ericka Ruiz, Joshua Reece, Jeffrey Shearer, Vladimir Savransky (USA)

P 17  DOSE MODELING AND SIMULATIONS TO SUPPORT ANTHRASIL® DOSSING FOR TREATMENT OF INHALATIONAL ANTHRAX
Jason Richardson, Douglas Barker, Bojan Drobic, Martin Beliveau, Christine Hall (Canada)

P 18  EVALUATION OF THE PROTECTIVE EFFICACY OF RECOMBINANT PROTECTIVE ANTIGEN VACCINE (GC1109)-IMMUNIZED HUMAN SERA USING PASSIVE IMMUNIZATION IN A MOUSE MODEL
Su Kyoung Jo, Bo-Eun Ahn, Eun Hye Choi, Ji Eun Kang, Hyonggin An, Gi-eun Rhie (Korea)

P 19  CHARACTERIZATION OF THREE NOVEL BACILLUS ANTHRACIS LYTIC PHAGES
Aleksandra Nakonieczna, Magdalena Korba, Paweł Rutyna, Lidia Mizak, Małgorzata Łobocka (Poland)

P 20  THE IMMUNOGENICITY OF TWO FORMS OF COST-EFFECTIVE PURIFIED NON-LIVING ANTHRAX VACCINE CANDIDATE COMPARED TO STERNE LIVE SPORE VACCINE WITH CONCURRENT PENICILLIN-G TREATMENT IN BOVINE
Solomon Jauro, Okechukwu Chinazo Ndumnego, Charlotte Ellis, Angela Buys, Wolfgang Beyer, Henriette van Heerden (Nigeria/South Africa/Germany)

P 21  MATERNAL-INFANT TRANSFER OF ANTI-PROTECTIVE ANTIGEN IgG FOLLOWING ADMINISTRATION OF ANTHRAX VACCINE ADSORBED
Panagiotis Maniatis, Evelene Steward-Clark, Ava Marie Conlin, Gia Gumbs, Katherine Snell, Zeina Khodr, Natalie Wells, Jarad Schiffer (USA)

P 22  IMMUNE RECOGNITION AND PROCESSING OF ANTHRAX PGN IS CRITICAL FOR PROCOAGULANT RESPONSES IN PRIMARY HUMAN MONOCYTES
Narcis I. Popescu, Kessa Lovelady, Robert Silasi, Florea Lupu, K. Mark Coggeshall (USA)
EMERGENCY PLANNING/DECONTAMINATION

P 23  Efficacy of Disinfectant Granulates for the Disinfection of Personal Protective Equipment
Stefanie Papp, Katharina Kimmerl, Roland Grunow and Oliver Kaspari (Germany)

P 24  Isolation and Whole Genome Analysis of a Lytic Bacteriophage Infected Bacillus Anthracis Isolate from Pafuri, Kruger National Park, South Africa
Ayesha Hassim, Edward Kgaugeo Lekota, Edgar Henry Dekker, Dawid Schalk van Dyk, Henriette van Heerden (South Africa)

P 25  Contamination During Outbreaks, Lysimetric Study of Bacillus Anthracis Spore Dispersal in a Soil Profile
Johanna Thelaus, Jeff Lewis, Stina Bäckman, Malin Granberg, Jan Sjöström, Jan Burman, Bo Segerman, Joakim Skarin (Sweden)

P 26  Decontamination Attempts of Two Areas Contaminated With Bacillus Anthracis Spores
Mitat Sahin, Fatih Buyuk, Ozgur Celebi, Aliye Gulmez Saglam, Dogan Akca, Elif Celik, Mustafa Reha Coskun, Eray Buyuk, Salih Otlu, Les Baillie (Turkey/United Kingdom)

P 27  Investigation of the Ability of Plant Extracts to Decontaminate Bacillus Anthracis Spores
Mitat Sahin, Fatih Buyuk, Mustafa Reha Coskun, Eray Buyuk (Turkey)
VENUES
September 3, 2019 Opening Ceremony
Salone degli Affreschi – Palazzo Ateneo
University of Bari Aldo Moro
P.zza Umberto I, 1 – Bari (Italy)

September 4-5-6, 2019
Villa Romanazzi Carducci
Via G. Capruzzl 326 – Bari (Italy)
Tel. +39 (080) 918-4700

LANGUAGE
English is the official language of the Conference.

BADGE
Your badge is your admission to the scientific sessions, lunches, coffee breaks and social events. Please wear it at all times at the Conference venue.

CERTIFICATE OF ATTENDANCE
Registered participants will receive a Certificate of Attendance.

CLIMATE
The climate of Bari is typical Mediterranean, and September is generally sunny.
The average maximum temperature in September is 20-25°C.

CURRENCY, CREDIT CARDS AND BANKING INFORMATION
The official currency is Euro. Normal banking hours are from 09:00 to 16:00 on weekdays. Automatic teller machines (ATMs) are available all over the city. Credit cards are accepted in most restaurants and shops.

SHOPS AND RESTAURANTS
Shops are usually opened from 09:30 to 20:30
Restaurants are usually opened from 12:00 to 15:00 and from 20:00 to 23:30. Restaurants are generally closed one day a week.

FOOD ALLERGY OR INTOLERANCE
Participants are kindly requested to indicate any food allergy or intolerance at the registration desk.
REGISTRATION SECRETARIAT DESK
September 3, 2019
16:00 - 19:00  Salone degli Affreschi - University of Bari
September 4, 2019
09:00 - 14:00  Villa Romanazzi Carducci
September 5, 2019
09:00 - 19:00  Villa Romanazzi Carducci
September 6, 2019
09:00 - 15:30  Villa Romanazzi Carducci

REGISTRATION
Registration fee includes:
• Participation in scientific sessions
• Opening Ceremony and Welcome Cocktail on September 3, 2019
• Conference package
• Daily refreshments and lunches
• Tour to Matera, the 2019 European Capital of Culture, on September 4, 2019
• Conference Dinner
• Certificate of attendance.

Registration for accompanying persons includes:
• Opening Ceremony and Welcome cocktail on September 3, 2019
• Daily refreshments and lunches
• Tour to Matera, the 2019 European Capital of Culture, on September 4, 2019
• Conference Dinner.

CONFERENCE DINNER
September 5, 2019 - h 20:00
Sala Zonno
Molo S. Nicola 3 - Bari

LIABILITY
The organizers cannot accept liability for injury or damage involving people and property during the Conference. Participants are advised to take out their own personal travel and health insurance for their trip.

ORGANIZING SECRETARIAT

The Biology of ANTHRAX | 2019
With the support of: