



Founded in 1931

GORDON RESEARCH CONFERENCES *frontiers of science*
512 Liberty Lane, West Kingston, RI 02892
Phone: 401 783-4011 Fax: 401 783-7644
E-Mail: grc@grc.org
World Wide Web: <http://www.grc.org>

Nancy Ryan Gray, Ph.D.
Director

**2012 GORDON RESEARCH CONFERENCE
on MITOCHONDRIA & CHLOROPLASTS**

FINAL PROGRESS REPORT
DEPARTMENT OF ENERGY
GRANT NO. DE-SC0008294

The Gordon Research Conference on MITOCHONDRIA & CHLOROPLASTS was held at Bryant University Smithfield, Rhode Island, July 29-August 3, 2012. The Conference was well-attended with 169 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academia, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students. Of the 169 attendees, 41 voluntarily responded to a general inquiry regarding ethnicity which appears on our registration forms. Of the 41 respondents, 14% were Minorities – 2% Hispanic, 12% Asian and 0% African American. Approximately 36% of the participants at the 2012 meeting were women.

In designing the formal speakers program, emphasis was placed on current unpublished research and discussion of the future target areas in this field. There was a conscious effort to stimulate lively discussion about the key issues in the field today. Time for formal presentations was limited in the interest of group discussions. In order that more scientists could communicate their most recent results, poster presentation time was scheduled. Attached is a copy of the formal schedule and speaker program and the poster program. In addition to these formal interactions, "free time" was scheduled to allow informal discussions. Such discussions are fostering new collaborations and joint efforts in the field.

Thank you for your support of this Conference. As you know, in the interest of promoting the presentation of unpublished and frontier-breaking research, Gordon Research Conferences does not permit publication of meeting proceedings. If you wish any further details, please feel free to contact me. Thank you.

Sincerely,
Alice Barkan, Conference Chairperson
UNIVERSITY OF OREGON

Mitochondria & Chloroplasts

July 29 - August 3, 2012

Bryant University

Smithfield, RI

Chair:

Alice Barkan

Vice Chair:

Luca Scorrano

Related Meeting Information

The Mitochondria & Chloroplasts Gordon Research Conference was held in conjunction with the **Mitochondria & Chloroplasts Gordon Research Seminar**. Please refer to the Mitochondria & Chloroplasts GRS web page for more information.

The 2012 Gordon Research Conference on Mitochondria and Chloroplasts will assemble an international group of scientists investigating fundamental properties of these organelles, and their integration into broader physiological processes. The conference will emphasize the many commonalities between mitochondria and chloroplasts: their evolution from bacterial endosymbionts, their genomes and gene expression systems, their energy transducing membranes whose proteins derive from both nuclear and organellar genes, the challenge of maintaining organelle integrity in the presence of the reactive oxygen species that are generated during energy transduction, their incorporation into organismal signaling pathways, and more. The conference will bring together investigators working in animal, plant, fungal and protozoan systems who specialize in cell biology, genetics, biochemistry, physiology, proteomics, genomics, and structural biology. As such, this conference will provide a unique forum that engenders cross-disciplinary discussions concerning the biogenesis, dynamics, and regulation of these key cellular structures. By fostering interactions among mammalian, fungal and plant organellar biologists, this conference also provides a conduit for the transmission of mechanistic insights obtained in model organisms to applications in medicine and agriculture.

The 2012 conference will highlight areas that are moving rapidly and emerging themes. These include new insights into the ultrastructure and organization of the energy transducing membranes, the coupling of organellar gene expression with the assembly of photosynthetic and respiratory complexes, the regulatory networks that couple organelle biogenesis with developmental and physiological signals, the signaling events through which organellar physiology influences nuclear gene expression, and the roles of organelles in disease and development. The roster of speakers will have no overlap with that of the prior conference, and will include scientists with international recognition as well as young investigators. The program will be further balanced by selecting a number of short talks from abstracts. To maximize interactions among attendees, we urge all participants to present their recent progress either as a poster or as a talk.

The conference will be enhanced by an accompanying Gordon Research Seminar (GRS). The Gordon Research Seminar provides a special forum for graduate students and postdoctoral fellows to present and discuss their research, and to gain confidence to participate actively in the following GRC. A GRS was held in conjunction with the prior two Mitochondria and Chloroplast GRCs, and was a resounding success on both occasions.

Special consideration will be given to qualified applicants who are also members of a group under-represented in the sciences (e.g. low income and first generation, Native American, African American, Latino, or Pacific Islander), faculty at primarily undergraduate institutions, and scientists from developing countries.

Contributors



SUNDAY

2:00 pm - 9:00 pm Arrival and Check-in ([Office Closed 6:00 pm - 7:00 pm](#))

6:00 pm Dinner

7:30 pm - 7:40 pm Welcome / Introductory Comments by GRC Site Staff

7:40 pm - 9:30 pm **Organelle Genomes and Genome Evolution**

 Discussion Leader: **Alice Barkan** (University of Oregon)

Laurie Kaguni (Michigan State University)
 "Protein interplay at the mitochondrial DNA replication fork"

 Discussion

Volker Knoop (Universität Bonn)
 "Peculiar mitochondrial genomes and the twisted evolutionary pathways of RNA editing in plants and protists"

 Discussion

Olivier Vallon (CNRS Paris)
 "Evolutionary history of the Octotrico-Peptide Repeat family of organellar RNA-binding proteins: from Bacteria to Plants, to Protists, to Animals"

 Discussion

9:05 pm - 9:10 pm Discussion

9:10 pm - 9:25 pm **Ryan Gawryluk** (Dalhousie University)
"The *Acanthamoeba castellanii* mitochondrial proteome"

9:25 pm - 9:30 pm Discussion

MONDAY

7:30 am - 8:30 am Breakfast

8:30 am Group Photo

Organelle Gene Expression

Discussion Leader: **Tom Fox** (Cornell University)

9:00 am - 9:25 am **Francis-Andre Wollman** (CNRS, Paris)
"Biogenesis of the chloroplast ATPsynthase: post-transcriptional regulations in the expression of chloroplast-encoded subunits in Chlamydomonas"

9:25 am - 9:35 am Discussion

9:35 am - 10:00 am **Nils-Göran Larsson** (Max Planck Institute for Biology of Aging)
"The molecular function of MTERF family proteins in mammals"

10:00 am - 10:10 am Discussion

10:10 am - 10:40 am Coffee Break

10:40 am - 11:00 am **Miguel Garcia-Diaz** (SUNY-Stonybrook)
"Structural insights into the roles of MTERF proteins during mitochondrial gene expression"

11:00 am - 11:10 am Discussion

11:10 am - 11:35 am **Christian Schmitz-Linneweber** (Humboldt University, Berlin)
"Chloroplast RNA binding proteins essential for cold stress tolerance"

11:35 am - 11:45 am Discussion

11:45 am - 12:05 pm **Aleksandra Filipovska** (University of Western Australia)
"Analysis of the human mitochondrial transcriptome and its regulation"

12:05 pm - 12:15 pm Discussion

12:15 pm - 12:25 pm **Stephane Bentolila** (Cornell University)
"Members of the RIP protein family control both chloroplast and mitochondrial editing"

12:25 pm - 12:30 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

Organelle Dynamics

Discussion Leader: **Luca Scorrano** (University of Geneva)

7:30 pm - 7:55 pm **Kathy Osteryoung** (Michigan State University)
"Unraveling the Mechanisms of Chloroplast Division"

7:55 pm - 8:05 pm Discussion

8:05 pm - 8:15 pm	Elizabeth Haswell (Washington University) "Multiple roles for mechanosensitive channels in endosymbiotic organelles"
8:15 pm - 8:20 pm	Discussion
8:20 pm - 8:35 pm	Christoph Basse (Karlsruhe Institute of Technology) "The mitochondrial Dnm1-like fission component is required for Lga2-induced mitophagy but dispensable for starvation-induced mitophagy in <i>Ustilago maydis</i> "
8:35 pm - 8:40 pm	Discussion
8:40 pm - 8:55 pm	Mickael Cohen (CNRS Paris) "The role of ubiquitin-proteasome dependent degradation of the yeast mitofusin Fzo1 in fusion of mitochondrial outer membranes"
8:55 pm - 9:00 pm	Discussion
9:00 pm - 9:10 pm	Sherine Chan (Medical University of South Carolina) "Developmental role for the mitochondrial fusion protein OPA1 in zebrafish"
9:10 pm - 9:15 pm	Discussion
9:15 pm - 9:25 pm	Stephane Rolland (Ludwig Maximilians University) "Mitochondrial fusion as a compensatory mechanism for loss of complex IV activity"
9:25 pm - 9:30 pm	Discussion

TUESDAY

7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	Supramolecular Organization of Energy Transducing Membranes
	Discussion Leader: Sabeeha Merchant (UCLA)
9:00 am - 9:25 am	Ziv Reich (Weizmann Institute of Science) "Gain and loss of photosynthetic membranes during plastid differentiation"
9:25 am - 9:35 am	Discussion
9:35 am - 10:00 am	Jodi Nunnari (University of California - Davis) "Mechanisms underlying the lateral organization of the mitochondrial inner membrane"
10:00 am - 10:10 am	Discussion
10:10 am - 10:40 am	Coffee Break
10:40 am - 11:05 am	Werner Kühlbrandt (Max Planck Institute of Biophysics) "Supramolecular assemblies in energy-transducing membranes of mitochondria and chloroplasts"
11:05 am - 11:15 am	Discussion
11:15 am - 11:40 am	Tonio Enriquez (CNIC, Madrid) "How many mitochondrial electron transport chains are in a cell?"
11:40 am - 11:50 am	Discussion

11:50 am - 12:15 pm	Eva Mari Aro (Turku University) "Alternative electron transfer pathways in photosynthetic membranes"
12:15 pm - 12:25 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	<u>Poster Session</u>
6:00 pm	Dinner
7:30 pm - 9:30 pm	Stress and Quality Control in Organelles
	Discussion Leader: Jodi Nunnari (University of California-Davis)
7:30 pm - 7:55 pm	Nika Danial (Harvard University) "Integration of mitochondrial fuel utilization pathways and cellular stress responses"
7:55 pm - 8:05 pm	Discussion
8:05 pm - 8:30 pm	Zach Adam (The Hebrew University) "The thylakoid Deg1 protease - a novel pH-dependent switch tailored for stress response"
8:30 pm - 8:40 pm	Discussion
8:40 pm - 9:05 pm	Thomas Langer (University of Cologne) "Proteolytic control of mitochondrial membrane dynamics"
9:05 pm - 9:15 pm	Discussion
9:15 pm - 9:25 pm	Tina Wenz (University of Cologne) "Sirt3-a stress regulator of mitochondrial ATP synthesis, OXPHOS stability and mitochondrial biogenesis"
9:25 pm - 9:30 pm	Discussion
WEDNESDAY	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	Biogenesis of Energy Transducing Membranes
	Discussion Leader: Francis-Andre Wollman (CNRS, Paris)
9:00 am - 9:25 am	Dennis Winge (University of Utah) "Biogenesis of OXPHOS Complex III: Late stage maturation of the Rieske Fe/S protein"
9:25 am - 9:35 am	Discussion
9:35 am - 10:00 am	Toshiharu Shikanai (Kyoto University) "Chloroplast NADH dehydrogenase-like complex: function and assembly"
10:00 am - 10:10 am	Discussion
10:10 am - 10:40 am	Coffee Break
10:40 am - 11:05 am	Agnieszka Chacinska (International Institute of Molecular and Cell Biology-Warsaw) "The MIA pathway: a tight bond between protein transport and oxidative folding in mitochondria"

11:05 am - 11:15 am Discussion

11:15 am - 11:30 am **Patrice Hamel** (Ohio State University)
"LTO1, a novel disulfide-bond forming enzyme in the thylakoid lumen"

11:30 am - 11:35 am Discussion

11:35 am - 12:00 pm **Trevor Lithgow** (Monash University)
"In through the out door: evolution of the mitochondrial protein import machinery"

12:00 pm - 12:10 pm Discussion

12:10 pm - 12:25 pm **Masato Nakai** (Osaka University)
"Uncovering a protein translocon at the chloroplast inner envelope"

12:25 pm - 12:30 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:00 pm - 7:30 pm Business Meeting
Nominations for the next Vice Chair; Fill out Conference Evaluation Forms; Discuss future Site & Scheduling preferences; Election of the next Vice Chair

7:30 pm - 9:30 pm **Inter-Organellar Communication**

Discussion Leader: **Michael Frohman** (SUNY-Stonybrook)

Gia Voeltz (University of Colorado)
"Role of ER structure and dynamics in regulating mitochondrial morphology"

7:55 pm - 8:05 pm Discussion

8:05 pm - 8:30 pm **Savithramma Dinesh-Kumar** (University of California-Davis)
"Inter-organellar communication during plant innate immunity"

8:30 pm - 8:40 pm Discussion

8:40 pm - 9:05 pm **Eric Schon** (Columbia University)
"Unregulated ER-mitochondrial communication in Alzheimer disease"

9:05 pm - 9:15 pm Discussion

9:15 pm - 9:25 pm **Markus Schwarzlander** (University of Bonn)
"Mitochondrial 'flashes': A radical concept repHined"

9:25 pm - 9:30 pm Discussion

THURSDAY

7:30 am - 8:30 am Breakfast

Organellar Signalling

Discussion Leader: **Ian Small** (University of Western Australia)

9:00 am - 9:25 am **Michael Frohman** (SUNY-Stonybrook)
"How does lipid second messenger signaling on the mitochondrial surface

regulate interaction of the mitochondria with RNA processing granules and biogenesis of a specialized form of RNAi that is required during spermatogenesis in mice?"

9:25 am - 9:35 am Discussion

9:35 am - 10:00 am **Rosario Rizzuto** (University of Padua)
"The mitochondrial calcium uniporter: molecular identity and physiological role"

10:00 am - 10:10 am Discussion

10:10 am - 10:40 am Coffee Break

10:40 am - 11:05 am **Barry Pogson** (Australian National University)
"Learning the language of the chloroplast: insights into retrograde signaling"

11:05 am - 11:15 am Discussion

11:15 am - 11:40 am **Klaus Apel** (Boyce Thompson Institute)
"The role of chloroplasts in the perception of and response to environmental stress"

11:40 am - 11:50 am Discussion

11:50 am - 12:15 pm **Chris Meisinger** (University of Freiburg)
"Signalling Pathways Regulating Mitochondrial Protein Import"

12:15 pm - 12:25 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

Omics Approaches to Organelle Biology

Discussion Leader: **Klaas van Wijk** (Cornell University)

7:30 pm - 7:55 pm **Tom Brutnell** (Danforth Center)
"Transcriptional Networks that Drive C4 Photosynthetic Development"

7:55 pm - 8:05 pm Discussion

8:05 pm - 8:30 pm **Vamsi Mootha** (Harvard University)
"Comparative mitochondrial physiology"

8:30 pm - 8:40 pm Discussion

8:40 pm - 9:05 pm **Sabeeha Merchant** (UCLA)
"Discovery of novel chloroplast proteins and functions through phylogenomics"

9:05 pm - 9:15 pm Discussion

9:15 pm - 9:25 pm **Moritz Niemann** (University of Bern)
"The proteome of the mitochondrial outer membrane of *T. brucei*"

9:25 pm - 9:30 pm Discussion

FRIDAY

7:30 am - 8:30 am Breakfast

9:00 am

Departure

This material is based upon work supported by the Department of Energy under Award Number DE-SC0008294. This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Mitochondria & Chloroplasts (2012)

Name	Organization	Participation	Status
ABELIOVICH, HAGAI	HEBREW UNIVERSITY OF JERUSALEM	Attendee	Registered
ADAM, ZACH	HEBREW UNIVERSITY	Speaker	Registered
AHOLA-ERKKILA, SOFIA T	UNIVERSITY OF HELSINKI	Poster Presenter	Registered
AL-FUROUKH, NATALIE N	MAX-PLANCK-INSTITUTE FOR HEART AND LUNG RESEARCH	Poster Presenter	Registered
ALSUFYANI, ADEL	UNIVERSITY OF SASKATCHEWAN	Poster Presenter	Registered
ANDRES, CHARLES	NEUCHATEL UNIVERSITY	Poster Presenter	Registered
APEL, KLAUS	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	Speaker	Registered
ARO, EVA-MARI	UNIVERSITY OF TURKU	Speaker	Registered
BAKER, MICHAEL J	UNIVERSITY OF COLOGNE	Poster Presenter	Registered
BARKAN, ALICE	UNIVERSITY OF OREGON	Chair	Registered
BARRIENTOS, ANTONI	UNIVERSITY OF MIAMI	Poster Presenter	Registered
BASSE, CHRISTOPH W	KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT)	Poster Presenter	Registered
BASSI, ROBERTO	UNIVERSITÀ DI VERONA	Poster Presenter	Registered
BENTOLILA, STEPHANE P	CORNELL UNIVERSITY	Poster Presenter	Registered
BOETTINGER, LENA	UNIVERSITY OF FREIBURG	Poster Presenter	Registered
BONNEFOY, NATHALIE	CENTRE DE LA RECHERCHE SCIENTIFIQUE	Poster Presenter	Registered
BRATIC, ANA	KAROLINSKA INSTITUTE	Poster Presenter	Registered
BRICKER, DANIEL K	UNIVERSITY OF UTAH	Poster Presenter	Registered
BROWN, GREGORY G	MCGILL UNIVERSITY	Poster Presenter	Registered
BRUNKARD, JACOB O	UC BERKELEY	Poster Presenter	Registered
BRUTNELL, TOM	DONALD DANFORTH PLANT SCIENCE CENTER	Speaker	Registered
BULCHA , JOTE TAFESE	FREE UNIVERSITY OF BERLIN	Poster Presenter	Registered
BURCH-SMITH, TESSA M	UNIVERSITY OF TENNESSEE	Poster Presenter	Registered
BURNHAM-MARUSICH, AMANDA R	UNIVERSITY OF NEVADA, RENO	Poster Presenter	Registered
BURWELL, LINDSAY S	CORNELL UNIVERSITY	Poster Presenter	Registered
CALI, TITO	UNIVERSITY OF PADOVA	Poster Presenter	Registered
CASTANDET, BENOIT	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	Poster Presenter	Registered
CHACINSKA, AGNIESZKA	INTERNATIONAL INSTITUTE OF MOLECULAR AND CELL BIOL	Speaker	Registered
CHAMBERS, JEREMY W	FLORIDA INTERNATIONAL UNIVERSITY	Poster Presenter	Registered
CHAN, SHERINE S	MEDICAL UNIVERSITY OF SOUTH CAROLINA	Poster Presenter	Registered
CHEN, XIN JIE	SUNY UPSTATE MEDICAL UNIVERSITY	Poster Presenter	Registered
CHOQUET, YVES	UMR7141, CNRS/UPMC	Poster Presenter	Registered
CHRISTENSEN, ALAN C	UNIVERSITY OF NEBRASKA - LINCOLN	Poster Presenter	Registered
COHEN, MICKAEL M	IBPC - FRE3354/CNRS/UPMC	Poster Presenter	Registered
DAHAN, JENNIFER	INSTITUT JEAN-PIERRE BOURGIN	Poster Presenter	Registered
DANIAL, NIKA	HARVARD MEDICAL SCHOOL	Speaker	Registered
DASH, BANAJA	GOETHE UNIVERSITY FRANKFURT	Poster Presenter	Registered
DIETZEL, LARS	GOETHE UNIVERSITY FRANKFURT/MAIN	Poster Presenter	Registered
DINESH-KUMAR, S P	UNIVERSITY OF CALIFORNIA-DAVIS	Speaker	Registered
DUVEZIN-CAUBET, STEPHANE	CNRS	Poster Presenter	Registered
EIDE, LARS	UNIVERSITY OF OSLO	Poster Presenter	Registered
EL ZAWILY, AMR M	UNIVERSITY OF SASKATCHEWAN	Poster Presenter	Registered

EL-KHOURY , RIYAD	INSERM	Poster Presenter Registered
ELLIOTT, LEAH E	CORNELL UNIVERSITY	Poster Presenter Registered
ENRIQUEZ, ANTONIO	CNIC	Speaker Registered
FILIPOVSKA, ALEKSANDRA	UNIVERSITY OF WESTERN AUSTRALIA	Attendee Registered
FIUMERA, HEATHER L	BINGHAMTON UNIVERSITY	Poster Presenter Registered
FOX, THOMAS D	CORNELL UNIVERSITY	Discussion Leader Registered
FRISTEDT, RIKARD	UNIVERSITY OF CALIFORNIA LOS ANGELES	Poster Presenter Registered
FROHMAN, MICHAEL	STONY BROOK UNIVERSITY	Speaker Registered
GARCIA-DIAZ, MIGUEL	STONY BROOK UNIVERSITY	Speaker Registered
GAWRYLUK, RYAN	DALHOUSIE UNIVERSITY	Poster Presenter Registered
GERBETH, CAROLIN	ALBERT-LUDWIGS-UNIVERSITY FREIBURG	Poster Presenter Registered
GERMAIN, ARNAUD	BOYCE THOMPSON INSTITUTE / CORNELL UNIVERSITY	Poster Presenter Registered
GHARAEI, NAVA	HARVARD	Poster Presenter Registered
GIRAUD, ESTELLE	ARC PLANT ENERGY BIOLOGY UWA	Poster Presenter Registered
GLYNN, STEVEN E	STONY BROOK UNIVERSITY	Attendee Registered
GOHIL, VISHAL M	TEXAS A&M UNIVERSITY	Attendee Registered
GOLIK, PAWEŁ	UNIVERSITY OF WARSAW	Poster Presenter Registered
GONZALEZ-HALPHEN, DIEGO	NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO	Poster Presenter Registered
GRAHAM, BRETT H	BAYLOR COLLEGE OF MEDICINE	Poster Presenter Registered
GUTMANN, BERNARD	INSTITUT DE BIOLOGIE MOLÉCULAIRE DES PLANTES	Poster Presenter Registered
HAILI, NAWEL	INRA VERSAILLES	Poster Presenter Registered
HAMEL, PATRICE P	OHIO STATE UNIVERSITY	Poster Presenter Registered
HAMMANI, KAMEL	UNIVERSITY OF OREGON	Poster Presenter Registered
HANSON, MAUREEN R	CORNELL UNIVERSITY	Poster Presenter Registered
HASWELL, ELIZABETH S	WASHINGTON UNIVERSITY IN SAINT LOUIS	Poster Presenter Registered
HAYES, MICHAEL L	UNIVERSITY OF CALIFORNIA IRVINE	Poster Presenter Registered
HEWITT, VICTORIA L	MONASH UNIVERSITY	Poster Presenter Registered
HOFER, ANNETTE	UNIVERSITY OF COLOGNE	Poster Presenter Registered
HOWELL, KATHARINE A	UNIVERSITY OF WESTERN AUSTRALIA	Poster Presenter Registered
HU, GUOBIN	HARVARD MEDICAL SCHOOL	Poster Presenter Registered
INOUE, HITOSHI	UNIVERSITY OF MASSACHUSETTS, AMHERST	Poster Presenter Registered
KAGUNI, LAURIE S	MICHIGAN STATE UNIVERSITY	Speaker Registered
KASTANIOTIS, ALEXANDER J	UNIVERSITY OF OULU	Poster Presenter Registered
KERATAR, JUHA	UNIVERSITY OF OULU	Poster Presenter Registered
KHALIMONCHUK, OLEH	UNIVERSITY OF NEBRASKA-LINCOLN	Poster Presenter Registered
KIM, JITAE	CORNELL UNIVERSITY	Poster Presenter Registered
KMIEC, BEATA	STOCKHOLM UNIVERSITY	Poster Presenter Registered
KNOOP, VOLKER	UNIVERSITY OF BONN	Speaker Registered
KOENIG, ANN-CHRSITINE	LUDWIG-MAXIMILIANS-UNIVERSITY MUNICH	Poster Presenter Registered
KRAUSE, KIRSTEN	UNIVERSITY OF TROMSO	Poster Presenter Registered
KUEHLBRANDT, WERNER	MAX PLANCK INSTITUTE OF BIOPHYSICS	Speaker Registered
KUEHN, KRISTINA	HUMBOLDT-UNIVERSITÄT ZU BERLIN	Poster Presenter Registered
KUHL, INGE	MAX PLANCK INSTITUTE FOR THE BIOLOGY OF AGEING	Poster Presenter Registered
KUMAR, RACHANA A	UNIVERSITY OF WASHINGTON	Poster Presenter Registered

KUZMENKO, ANTON	UNIVERSITY OF TARTU	Poster Presenter	Registered
KWASNIAK, MALGORZATA	UNIVERSITY OF WROCLAW	Poster Presenter	Registered
KWIATKOWSKA, PAULINA	INTERNATIONAL INSTITUTE OF MOL. AND CELL BIOLOGY	Poster Presenter	Registered
LANGER, THOMAS	UNIVERSITY OF COLOGNE	Speaker	Registered
LARSSON, NILS-GORAN	MAX PLANCK INSTITUTE FOR BIOLOGY OF AGEING	Speaker	Registered
LEON-MEJIA, PATRICIA	UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (UNAM)	Poster Presenter	Registered
LEWIS, SAMANTHA C	UNIVERSITY OF CALIFORNIA, RIVERSIDE	Poster Presenter	Registered
LIN, MYAT T	CORNELL UNIVERSITY	Poster Presenter	Registered
LITHGOW, TREVOR	MONASH UNIVERSITY	Speaker	Registered
LOGAN, DAVID C	UNIVERSITY OF SASKATCHEWAN	Poster Presenter	Registered
LOPEZ-OBANDO, MAURICIO	INRA-URGV	Poster Presenter	Registered
MARTOS, ALEXANDRE	IBGC UMR5095 CNRS / UNIVERSITÉ BORDEAUX SEGALEN	Poster Presenter	Registered
MASON, TWILA A	VANDERBILT UNIVERSITY MEDICAL CENTER	Poster Presenter	Registered
MCKENZIE, MATTHEW	MONASH INSTITUTE OF MEDICAL RESEARCH	Poster Presenter	Registered
MEISINGER, CHRIS	UNIVERSITY OF FREIBURG	Speaker	Registered
MELONEK, JOANNA	CHRISTIAN-ALBRECHTS-UNIVERSITY OF KIEL	Poster Presenter	Registered
MERCHANT, SABEEHA	UCLA	Speaker	Registered
MERKWIRTH, CARSTEN	SALK INSTITUTE FOR BIOLOGICAL STUDIES/HHMI	Poster Presenter	Registered
MIKROPOULOU, DESPINA	UNIVERSITY OF FREIBURG	Poster Presenter	Registered
MILENKOVIC, DUSANKA	MAX PLANCK INSTITUTE FOR BIOLOGY OF AGING	Poster Presenter	Registered
MILEYKOVSKAYA, EUGENIA I	UNIVERSITY OF TEXAS-HOUSTON, MEDICAL SCHOOL	Poster Presenter	Registered
MIREAU, HAKIM M	INRA	Poster Presenter	Registered
MOOTHA, VAMSI	HARVARD UNIVERSITY	Speaker	Registered
NAKAI, MASATO	OSAKA UNIVERSITY	Poster Presenter	Registered
NAKAMURA, MASAYUKI	NAGOYA CITY UNIV.	Poster Presenter	Registered
NIEMANN, MORITZ	UNIVERSITY OF BERN	Poster Presenter	Registered
NOREN, LOUISE	UMEÅ UNIVERSITY	Poster Presenter	Registered
NUNNARI, JODI M	UNIVERSITY OF CALIFORNIA-DAVIS	Speaker	Registered
O'BRIEN, THOMAS W	UNIVERSITY OF FLORIDA	Attendee	Registered
OCHSENREITER, TORSTEN	UNIVERSITY OF BERN	Poster Presenter	Registered
OHLENDIECK, KAY	NATIONAL UNIVERSITY OF IRELAND MAYNOOTH	Poster Presenter	Registered
OSBORNE, ADAM E	BRANDEIS UNIVERSITY	Poster Presenter	Registered
OSTERYOUNG, KATHERINE W	MICHIGAN STATE UNIVERSITY	Speaker	Registered
OTTOLINI, DENIS	UNIVERSITY OF PADOVA	Poster Presenter	Registered
PALIWAL, SWATI	BINGHAMTON UNIVERSITY	Poster Presenter	Registered
PARK, CHAN BAE	AJOU UNIVERSITY SCHOOL OF MEDICINE	Attendee	Registered
PETERSEN, KERSTIN	UNIVERSITY OF MASSACHUSETTS, AMHERST	Poster Presenter	Registered
PFALZ, JEANNETTE JP	FRIEDRICH-SCHILLER-UNIVERSITY JENA	Poster Presenter	Registered
POGSON, BARRY J	AUSTRALIAN NATIONAL UNIVERSITY	Speaker	Registered
POULTON, JOANNA	UNIVERSITY OF OXFORD	Poster Presenter	Registered
PUJOL, CLAIRE	UNIVERSITY OF COLOGNE	Attendee	Registered
RADOSLAW, RUDNIK	FREIE UNIVERSITÄT BERLIN	Poster Presenter	Registered

REICH, ZIV	WEIZMANN INSTITUTE OF SCIENCE	Speaker	Registered
RICHARDSON, LYNN GL	UNIVERSITY OF GUELPH	Poster Presenter	Registered
RICHTER, UWE	FINMIT ACADEMY OF FINLAND CENTER OF EXCELLENCE	Poster Presenter	Registered
RIZZUTO, ROSARIO	DEPT. BIOMEDICAL SCIENCES, UNIVERSITY OF PADOVA	Speaker	Registered
ROLLAND, STEPHANE	LUDWIG MAXIMILIANS UNIVERSITY	Poster Presenter	Registered
RUBERTI, CRISTINA	UNIVERSITY OF PADOVA	Poster Presenter	Registered
SALOME, PATRICE A	MAX PLANCK INSTITUTE FOR DEVELOPMENTAL BIOLOGY	Poster Presenter	Registered
SAROUSSI, SHAI	TEL-AVIV UNIVERSITY	Poster Presenter	Registered
SCHMITZ-LINNEWEBER, CHRISTIAN	HUMBOLDT UNIVERSITY-BERLIN	Speaker	Registered
SCHON, ERIC A	COLUMBIA UNIVERSITY	Speaker	Registered
SCHWARZLANDER, MARKUS	UNIVERSITY OF BONN	Speaker	Registered
SCORRANO, LUCA	UNIVERSITY OF GENEVA	Vice Chair	Registered
SHAO, MON-RAY	UNIVERSITY OF NEBRASKA-LINCOLN	Attendee	Registered
SHIKANAI, TOSHIHARU	KYOTO UNIVERSITY	Speaker	Registered
SHINGU-VAZQUEZ, MIGUEL A	MONASH UNIVERSITY	Poster Presenter	Registered
SMALL, IAN	UNIVERSITY OF WESTERN AUSTRALIA	Discussion Leader	Registered
SONDHEIMER, NEAL J	UNIVERSITY OF PENNSYLVANIA	Poster Presenter	Registered
SPETEA WIKLUND, CORNELIA	UNIVERSITY OF GOTHENBURG	Poster Presenter	Registered
STOJANOVSKI, DIANA	LA TROBE UNIVERSITY	Poster Presenter	Registered
SUBRAHMANIAN, NITYA	OHIO STATE UNIVERSITY	Poster Presenter	Registered
SUN, TAO	CORNELL UNIVERSITY	Poster Presenter	Registered
TEIXEIRA, PEDRO F	STOCKHOLM UNIVERSITY	Poster Presenter	Registered
UWE, LANGNER	MARTIN-LUTHER-UNIVERSITY HALLE-WITTENBERG	Poster Presenter	Registered
VALLON, OLIVIER	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	Poster Presenter	Registered
VAN WIJK, KLAAS J	CORNELL UNIVERSITY	Poster Presenter	Registered
VIA, ZACHARY W	CORNELL UNIVERSITY	Poster Presenter	Registered
VIRDI, KAMALDEEP S	UNIVERSITY OF NEBRASKA LINCOLN	Poster Presenter	Registered
VOELTZ, GIA K	UNIVERSITY OF COLORADO	Speaker	Registered
WANG, YUDONG	CHILDREN'S HOSPITAL OF PITTSBURGH OF UPMC	Poster Presenter	Registered
WENZ, TINA	UNIVERSITY OF COLOGNE	Poster Presenter	Registered
WINGE, DENNIS R	UNIVERSITY OF UTAH	Speaker	Registered
WOLLMAN, FRANCIS-ANDRE	CNRS	Speaker	Registered
WREDENBERG, ANNA	MAX-PLANCK INSTITUTE FOR BIOLOGY OF AGEING	Poster Presenter	Registered
YAGI, YUSUKE	KYUSHU UNIVERSITY	Poster Presenter	Registered
YAMASAKI, HIROAKI	UNIVERSITY OF CALIFORNIA, LOS ANGELES	Poster Presenter	Registered
YANG, WEI YUAN	ACADEMIA SINICA	Poster Presenter	Registered
YOON, GYESOON	AJOU UNIVERSITY SCHOOL OF MEDICINE	Poster Presenter	Registered
ZEHAVI, HADAS	THE WEIZMANN INSTITUTE OF SCIENCE	Poster Presenter	Registered
ZHANG, HONGLIANG	NIH NCI LMP LAB	Poster Presenter	Registered
ZOSCHKE, REIMO	UNIVERSITY OF OREGON	Poster Presenter	Registered
ZURITA, OLGA	MCGILL UNIVERSITY	Poster Presenter	Registered

169 Attendees