

# Founder Populations and their contribution to our understanding of Biology and History - Lessons from the Jewish Genome

First International Conference, July 10-14, 2016, Haifa, Israel

## PROGRAM

as at February 21, 2016

### SUNDAY, JULY 10, 2016

17:00 *Registration*

18:00 - 20:00 *Get-together reception*

### MONDAY, JULY 11, 2016

07:30 *Registration*

08:30 *Opening greetings*

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#### 09:00 - 10:00 OPENING SESSION

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Chair: **Doron M. Behar**, Israel and **Michael Hayden**, Israel

09:00 THE PROMISE OF GENOMICS  
**Robert Winston, UK**

09:30 A FAMILY TREE FOR HUMANITY, THE GENOGRAPHIC PROJECT, THE NATIONAL  
GEOGRAPHIC SOCIETY  
**Spencer Wells, USA**

10:00 *Coffee break*

## MONDAY, JULY 11, 2016 (Cont.)

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### 10:20 - 13:00 SESSIONS 1 - POPULATION GENETICS

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Chair: **David Goldstein**, USA

- 10:20 THE PRINCIPLES OF POPULATION GENETICS  
**Noah Rosenberg**, USA
- 10:40 THE STUDY OF PATERNAL LINEAGES AMONG JEWS  
**Michael Hammer**, USA
- 11:00 THE STUDY OF MATERNAL LINEAGES AMONG JEWS  
**Karl Skorecki**, Israel
- 11:20 LESSONS FROM WHOLE GENOME STUDIES AMONG JEWS  
**Itsik Pe'er**, USA
- 11:40 ON THE ORIGIN OF THE NORTH AFRICAN JEWRY  
**Gil Atzmon**, Israel
- 12:10 THE GENETIC LEGACY OF JEWS IN THE IBERIAN PENINSULA  
**David Comas**, Spain
- 12:30 THE GENETIC HERITAGE OF PORTUGUESE CRYPTO – JEWS  
**Antonio Amorim**, Portugal
- 13:00 *Lunch break and poster viewing*

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### 14:00 - 16:00 SESSION 2 - GENETICS MEETS HISTORY

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Chair: **Shalom Wald**, Israel

- 14:00 GENOMICS AND JEWISH HISTORY- IDEOLOGIES, ISSUES & QUESTIONS  
**Shalom Wald**, Israel
- 14:20 ETHNIC PURITY IN THE NEAR EAST ACCORDING TO RABBINIC SOURCES  
**Shaye J.D. Cohen**, USA
- 14:40 'GENETIC JEWS' IN AFRICA, ASIA AND THE PACIFIC  
**Tudor Parfitt**, USA
- 15:00 JEWS OF ISLAM IN THE MIDDLE AGES  
**Menahem Ben-Sasson**, Israel
- 15:20 DISCUSSION  
**Shalom Wald**, Israel; **Shaye J.D. Cohen**, USA; **Sergio DellaPergola**, Israel; **Doron M. Behar**, Israel; **Bennet Greenspan**, USA

## MONDAY, JULY 11, 2016 (Cont.)

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### 16:00 - 17:20 SESSION 3 - IDENTIFYING INDIVIDUAL GENOMIC ORIGIN

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- Chair: **Richard Villems**, Estonia
- 16:00 JEWISH GENEALOGY 101  
**Bennett Greenspan**, USA
- 16:20 GENETICS AND PRECISION MEDICINE  
**David Goldstein**, USA
- 16:40 DEMOGRAPHIC CHANGE AND JEWISH GENETICS: PAST AND PRESENT  
**Sergio DellaPergola**, Israel
- 17:00 HARNESSING CROWD SOURCED GENEALOGY TO STUDY COMPLEX TRAITS IN MILLIONS OF PEOPLE  
**Yaniv Erlich**, USA
- 18:00 *Evening Tour of Haifa*

## TUESDAY, JULY 12, 2016

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### 08:00 - 10:20 SESSION 4 - FOUNDER FINDINGS IN NON-CANCER SYNDROMES Parallel

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- Chairs: **Ephrat Levy-Lahad**, Israel and **Stavit Shalev**, Israel
- 08:00 GENETIC SYNDROMES IN JEWS  
**Arnold Munnich**, France
- 08:20 GENETICS OF IBD IN ASHKENAZI JEWS  
**Judy Cho**, USA
- 08:40 PARKINSON'S DISEASE GENETICS IN JEWS  
**Avi Orr-Urtreger**, Israel
- 09:00 GENETIC SYNDROMES IN ISRAELI ARABS  
**Stavit Shalev**, Israel
- 09:20 GENETIC SYNDROMES IN BEDOUINS AND IN NON-ASHKENAZI JEWS  
**Ohad Birk**, Israel
- 09:40 GAUCHER AND TAY-SACHS DISEASES IN JEWS  
**Timothy Cox**, UK
- 10:00 GENETICS OF JEWISH AGING  
**Nir Barzilai**, USA
- 10:20 *Coffee break*

## TUESDAY, JULY 12, 2016 (Cont.)

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<b>10:40 - 11:30</b>	<b>SESSION 4 - FOUNDER FINDINGS IN NON-CANCER SYNDROMES (Cont.)</b>
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10:40	PROFFERED PAPER GENERAL GENETICS 1
10:50	PROFFERED PAPER GENERAL GENETICS 2
11:00	PROFFERED PAPER GENERAL GENETICS 3
11:10	PROFFERED PAPER GENERAL GENETICS 4
11:20	PROFFERED PAPER GENERAL GENETICS 5

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<b>09:30 - 13:30</b>	<b>SESSION 4A - JEWISH DEMOGRAPHY, HISTORY AND GENETICS</b>
	<b>Parallel</b>

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Chairs: **TBA**

09:30	CURRENT JEWISH POPULATION TRENDS AND THEIR CONSEQUENCES FOR JEWISH GENETICS <b>TBA</b> , Israel
09:50	TBA <b>TBA</b> , Israel
10:10	MIGRATION OF JEWS WORLDWIDE AND RELEVANCE TO GENETIC RESEARCH <b>TBA</b> , Israel
10:30	Discussion
10:50	<i>Coffee break</i>
11:10	GENETICS AND HALAKHA/JEWISH LAW: THE NOTION OF ZERA ISRAEL <b>TBA</b> , Israel
11:30	THE FAST GROWTH OF EUROPEAN JEWRY FROM LATE MIDDLE AGES ONWARD <b>TBA</b> , Israel
11:50	<b>TBA</b>
12:10	<b>TBA</b>
12:30	Discussion
13:30	<i>Lunch break and poster viewing</i>

## TUESDAY, JULY 12, 2016 (Cont.)

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### 11:30 – 12:30 SESSION 5 - FOUNDER FINDINGS IN CANCER SYNDROMES

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Chairs: **Marc Robson**, USA and **Steven M. Lipkin**, USA

11:30 THE BREAST OVARY SYNDROME  
**Steven Narod**, Canada

11:50 TBA  
**TBA**

12:10 GENETICS OF COLON CANCER  
**Stephen B. Gruber**, USA

12:30 *Lunch break and poster viewing*

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### 14:00 - 16:30 SESSION 5 - FOUNDER FINDINGS IN CANCER SYNDROMES (Cont.)

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14:00 SURVIVAL OF FOUNDER - MUTATION CARRIERS  
**Gad Rennert**, Israel

14:20 HANDLING CARRIERS OF BREAST – OVARY SYNDROME  
**Judy E. Garber**, USA

14:40 GENETICS OF LUNG CANCER  
**Steven M. Lipkin**, USA

15:00 CANCER FOUNDER MUTATIONS - AN INTERNATIONAL VIEW  
**Olufunmilayo Olopade**, USA

15:20 THE IMPACT OF FOUNDER BRCA MUTATIONS ON MEXICO  
**Jeffrey Weitzel**, USA

15:40 BREAST CANCER GENETICS – BEYOND BRCA MUTATIONS  
**Kenneth Offit**, USA

16:00 PROFFERED PAPER CANCER GENETICS 1

16:10 PROFFERED PAPER CANCER GENETICS 2

16:20 PROFFERED PAPER CANCER GENETICS 3

18:00 *Festive dinner in Acre*

WEDNESDAY, JULY 13, 2016

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**08:00 - 09:50      SESSION 6 - POPULATION GENETIC SCREENING**

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Chair: **Michael Baum**, UK

- 08:00      PRE- CONCEPTION SCREENING AMONG ISRAELIS  
**Doron M. Behar**, Israel
- 08:20      POPULATION SCREENING FOR BRCA1 AND BRCA2 MUTATIONS  
**Ephrat Levy-Lahad**, Israel
- 08:40      JEWISH ETHICS AND GENETIC TESTING  
**Abraham Steinberg**, Israel
- 09:00      JEWISH LAW AND GENETICS  
**Suzanne L. Stone**, USA
- 09:20      PUBLIC DEBATE, TO TEST OR NOT TO TEST  
**Michael Baum**, UK
- 09:50      *Coffee break and poster viewing*

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**10:20 - 12:40      SESSION 7 - PERSONALIZING MEDICINE/POPULATION STUDIES**

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Chair: **Doron Lancet**, Israel

- 10:20      INDIVIDUAL GENETIC KNOWLEDGE  
**Geoffrey Ginsburg**, USA
- 10:40      INTERNATIONAL EFFORTS TO ADVANCE GENOMIC MEDICINE  
**Teri Manolio**, USA
- 11:00      GENOMIC MEDICINE IN PRACTICE- STUDY OF EFFECTIVENESS  
**Gad Rennert**, Israel
- 11:20      THE ASHKENAZI GENOME PROJECT  
**Harry Ostrer**, USA
- 11:40      100,000 GENOMES UK – GENOMICS ENGLAND  
**Clare Turnbull**, UK
- 12:00      THE REGENERON SEQUENCING INITIATIVE  
**Alan Shuldiner**, USA
- 12:20      FOUNDER MUTATIONS IN THE INDIAN HEREDITARY BREAST AND COLORECTAL  
CANCERS  
**Rajiv Sarin**, India
- 12:40      *Lunch*

## WEDNESDAY, JULY 13, 2016 (Cont.)

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### 14:00 – 15:30 CLOSING SESSION

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Chair: **Stephen Gruber**, USA

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| 14:00 | THE FUTURE OF GENETICS<br><b>Walter Bodmer</b> , UK               |
| 14:30 | THE U.S. PRECISION MEDICINE INITIATIVE<br><b>Eric Green</b> , USA |
| 15:00 | <i>Closing ceremony</i>   |