



## **PROGRAMME – SPEAKER OVERVIEW**

### **Saturday, 24th July**

- 13:00 17:00 **On-site registration**
- 14:00 16:00 **EBSA EC First Meeting (EBSA EC members)**
- 16:30 17:00 **Opening welcome address**
- 17:00 18:00 **Public Lecture**  
*Ada E Yonath, Weizmann Institute of Science, Israel*  
*Chair: Elena E Pohl, AT*
- 18:00 19:00 **Welcome Cocktail**

### **Legend**

- [Virtual talks](#)
- Plenary Lectures = Hall C
- POSTER Sessions = Level 2, Foyer A
- Exhibition: Saturday 4 – 7 pm; Sunday – Tuesday 9 am – 5 pm, Wednesday 9 am – 4.30 pm

**Sunday, 25th July**

08:30 09:15 Plenary Lecture: **Thomas Südhof**, *Stanford University (USA)*  
Chair: *Claudia Steinem, DE*  
09:15 09:30 Movement break

	<b>Session 1</b>	<b>Session 2</b>	<b>Session 3</b>	<b>Self-Assembled Session 1</b>
<b>Topic</b>	<b>Interfacial proton</b> <b>Saal 3.16</b>	<b>Channels and Ca<sup>2+</sup> signalling</b> <b>Hall B</b>	<b>Medical Biophysics / Imaging</b> <b>Hall C</b>	<b>Breakthrough methods in molecular-scale biophysics</b> <b>Saal 3.29</b>
<b>Chairs</b>	Mihail Barboiu, FRA Stephan Block, DE	Rainer Schindl, AT <b>Viktorie Vlachova, CZ</b>	<b>Alberto Diasporo, IT</b> Jaroslav Jacak, AT	Adriana Miele, FR Arthur Sedivy, AT
9.30	Nicoleta Bondar, RO	<b>Christine Ziegler, DE</b>	Dejan Zikic, RS	<b>Takuro Ideguchi, JP</b>
10.00	Sylvie Roke, CH	<b>Alexander Sobolevsky, US</b>	Aleksandra Radenovic, CH	Valérie Belle, FR
10.30	Stefania Brescia, AT	<b>Tommy Dam, SE</b>	Alberta Trianni, IT	Andreas Schwaighofer, AT
10:45	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
11:15	Tobias Weinert, CH	Anna Moroni, IT	Eva Rog-Zielinska, DE	Wouter H. Roos, NL
11:45	K. Hugentobler, DE	Herwig Grabmayr, AT	Jürgen Strasser, AT	Changjiang You, DE
12:00	<b>Jochen Hub, DE</b>	Adam Bartok, HU	<b>Martina Cardinali, IT</b>	Markus Epe, US

12:15 13:15 LUNCHBREAK  
13:15 14:00 Plenary Lecture: **Francesco Bezanilla**, *University of Chicago, USA, Sponsored by UIPAB*  
Chair: *Peter Pohl, AT*  
14:00 14:10 Movement break

	<b>Session 4</b>	<b>Session 5</b>	<b>Session 6</b>	<b>Industry &amp;Education</b>
<b>Topic</b>	<b>Membrane transporter &amp; channels</b> <b>Hall B</b>	<b>Virus Biophysics</b> <b>Hall C</b>	<b>Advanced optical microscopy</b> <b>Saal 3.29</b>	<b>Industry Talks</b> <b>Saal 3.16</b>
<b>Chairs</b>	Thomas Stockner, AT	Oleg Batishchev, RU	Gerhard Schütz, AT	Elena Pohl, AT
14:10	<b>Crina Nimigean, US</b>	Charlotte Uetrecht, DE	<b>Ralf Jungmann, DE</b>	14:10 Thorsten Mueller
14:40	<b>Thorben Cordes, DE</b>	Ismael Mingarro, ES	<b>Maria Garcia-Parajo, ES</b>	Bruker Nano (30)
15:10	<b>Chloe Martens, BE</b>	Robert Vacha, CZ	<b>Anindita Dasgupta, DE</b>	14:40 Thomas Bauer-
15.25	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	Jazayeri FIDABIO (20)
16:00	<b>Bert de Groot, DE</b>	David Alsteens, BE	Thomas Huser, DE	<i>Coffee Break</i>
16:30	Tobias Schubeis, FR	Yara Abidine, SE	Christian Niederauer, NL	16:00 Tilak K Gupta
16:45	Agota Toth, FR	<b>Sourav Maity, NL</b>	Josef Lazar, CZ	Becker Coulter (20)
				<b>16:20 Klaus Weisshart</b> <b>Carl Zeiss (30)</b>

17:00 19:00 POSTER session  
19:00 20:00 POSTERS session on-line

**Monday, 26th July**

08:30 09:15 Plenary Lecture: **Raimund Dutzler**, *University of Zurich, Switzerland*

*Chair: Antony Wilkinson, UK*

09:15 09:30 Movement break

	<b>Session 7</b>	<b>Session 8</b>	<b>Session 9</b>	<b>Self-Assembled Session 2</b>
<b>Topic</b>	<b>Protein translocation, assembly, and folding Hall C</b>	<b>Bioenergetics Saal 3.16</b>	<b>Quantification of molecular forces Saal 3.29</b>	<b>Advances and applications in cryo-EM Hall B</b>
<b>Chairs</b>	Peter Pohl, AT Rainer Böckmann, DE	Karin Busch, DE <b>Mario Vazdar, RS</b>	Peter Hinterdorfer, AT Matthias Rief, DE	Ludo Renault, NL
9.30	Roland Beckmann, DE	Karin Busch, DE	<b>David Brockwell, UK</b>	<b>Margarida Archer, PT</b>
10.00	Sander Tans, NL	Jürgen Kreiter, AT	<b>Hongbin Li, CA</b>	<b>Marjetka Podobnik, SI</b>
10.30	Mantas Liutkus, ES	Karim Fahmy, DE	Yoo Jin Oh, AT	Daniel Nemecek, CZ
10:45	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>
11:15	Alexey Amunts, SE	<b>Edmund Kunji, UK</b>	Matthias Rief, DE	Jiří Nováček, CZ
11:45	Matthias Schneider, UK	<b>Manuela M. Pereira, PT</b>	Zhaowei Liu, CH	Niels Fischer, DE
12:00	<b>Mikhail Kuravsky, UK</b>	<b>Jose A Enriquez, ES</b>	Yannic Kerkhoff, DE	Karin Kornmüller, AT

12:15 13:15 LUNCHBREAK

12:15 13:15 **President's Meeting**

13:15 14:00 Plenary Lecture: **Karolin Luger**, *Univ of Colorado, USA (Sponsored by Biophys Soc of America)*

*Chair: Birgit Plochberger, AT*

14:00 14:10 Movement break

	<b>Session 10</b>	<b>Session 11</b>	<b>Session 12</b>	<b>Self-Assembled Session 3 (virtual)</b>
<b>Topic</b>	<b>Mechanobiology Saal 3.29</b>	<b>Light as a tool in biophysics Hall C</b>	<b>Biomimetic nanopores Hall B</b>	<b>Ionic liquids, biomolecules and cells Saal 3.16</b>
<b>Chairs</b>	José L. Toca-Herrera, AT	Thomas Klar, AT	Erik Reimhult, AT <b>Ivan Coluzza, ES</b>	<b>Antonio Benedetto, IT</b> Hans-J Galla, DE
14:10	Andreas Janshoff, DE	Alexander Gottschalk, DE	Cees Dekker, NL	<b>Samir Mitragotri, US</b>
14:40	Malgorzata Lekka, PL	Ivana Nikić-Spiegel, DE	Stefan Howorka, UK	<b>Antonio Benedetto, IT</b>
15:10	Alicja Jagiello, US	Jürgen Pfeffermann, AT	Denis Knyzev, AT	<b>Harekrushna Sahoo, IN</b>
15.25	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>
16:00	<b>Nuria Gavara, ES</b>	<b>Dirk Trauner, US</b>	<b>Meni Wanunu, US</b>	<b>Mara G Freire, PT</b>
16:30	<b>Hannes Witt, NL</b>	Tony Schmidt, AT	<b>Sophie Marbach, US</b>	<b>Ksenia Egorova, RU</b>
16:45	<b>Johannes Reinländer, DE</b>	<b>Virginia Bazzuro, IT</b>	<b>Andreas Dahlin, SE</b>	<b>Venus S. Mithu, IN</b>

17:00 19:00 POSTER session

19:00 20:00 POSTERS session on-line



## Tuesday 27<sup>th</sup> July

08:30 09:15 Plenary Lecture: **Gerhard Hummer**, *Max Planck Institute of Biophysics, Frankfurt am Main, Germany*

Chair: *Helmut Grubmüller, DE*

09:15 09:30 Movement break

	Session 13	Session 14	Session 15
<b>Topic</b>	<b>New &amp; Notable</b> <b>Saal 3.29</b>	<b>Membrane active peptides</b> <b>Hall C</b>	<b>Methodological advances in biomolecular simulations</b> <b>Saal 3.16</b>
<b>Chairs</b>	Anthony Watts, UK P-E Milhiet, FR	Ruth Prassl, AT Nuno Correia Santos, PT	Bojan Zagrovic, AT Xavier Daura, SP
9:30	Jacob Piehler, DE	Karl Lohner, AT	9:30 Roberto Covino, DE
10:00	Dorit Dahein, FR	Efstratios Stratikos, GR	10:00 Emmi Pohjolainen, DE
10:30	--	<b>Nessim Kichik, UK</b>	10:30 M. Fernandez-Quintero, AT
10:45	<b>Coffee break</b>	<b>Coffee break</b>	<b>10:45 Coffee break</b>
11:15	<b>Sebastian Fica, UK</b>	11:15 Burkhard Bechinger, FR	<b>11:15 Sereina Riniker, CH</b>
11:45	<b>Peter Judge, UK</b>	11:45 Selen Maniouglu, CH	<b>11:35 Kresten Lindorff-Larsen, DK</b>
12:15	-----	12:00 Christian Nehls, DE	<b>11:55 Lucie Delemotte, SE</b>

12:15 13:15 LUNCHBREAK

13:15 14:00 Plenary Lecture: **Marina Rodnina**, *Max Planck Institute for Biophysical Chemistry, Göttingen, Germany*

Chair: *Jesus Perez-Jil*

14:00 14:10 Movement break

	Session 16	Session 17	Session 18
<b>Topic</b>	<b>Membrane signal transduction</b> <b>Saal 3.16</b>	<b>Cytoskeleton / Motor proteins</b> <b>Saal 3.29</b>	<b>Membrane architecture &amp; asymmetry</b> <b>Hall C</b>
<b>Chairs</b>	Mario Brameshuber, AT Peter Jönsson, SE	Sarah Köster, DE Stefan Wieser, ES	Georg Pabst, AT John Seddon, UK
14:10	<b>Anton van der Merwe, UK</b>	David Weitz, US	<b>Syma Khalid, UK</b>
14:40	Martha Sommer, DE	Stefan Diez, DE	<b>Erdinc Sezgin, SE</b>
15:10	<b>Isabel D Alves, FR</b>	Maxim Igaev, DE	Iztok Urbancic, SI
15:25	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>
16:00	<b>Ana-Suncana Smith, DE</b>	<b>Marileen Dogterom, NL</b>	Heiko Heerklotz, DE
16:30	Rainer Böckmann, DE	<b>Charlotta Lorenz, DE</b>	Eva Sevsik, AT
16:45	Hauke Winkelmann, DE	<b>Swathi Sudhakar, UK</b>	Arius Trollmann, DE

17:00 19:00 POSTER session

19:00 20:00 POSTERS session on-line

18:30 20:00 General Assembly (Hall C)

**Wednesday, 28th July**

08:30 09:15 Plenary Lecture: **Carol Robinson**, University of Oxford, UK  
*Chair: Lászlá Mátyus, Debrecen, Hungary*

09:15 09:30 Movement break

	<b>Session 19</b>	<b>Session 20</b>	<b>Session 21</b>
<b>Topic</b>	<b>Cell &amp; Tissue Biophysics</b> <b>Saal 3.29</b>	<b>Lipid-protein Interactions</b> <b>Hall C</b>	<b>DNA Architecture and Gene regulation</b> <b>Saal 3.16</b>
<b>Chairs</b>	Carl-Philipp Heisenberg, AT	Markus Axmann, AT Ilpo Vattulainen, FI	Anton Goloborodko, AT
9.30	Edouard Hannezo, AT	<b>Nathalie Reuter, NO</b>	Eugene Kim, DE
10.00	Pavel Tomancak, DE	<b>Gregor Anderluh, SI</b>	Francisco B. Perez, ES
10.30	Hanna-Maria Häkkinen	<b>T. Berti Ansell, UK</b>	Alexandra Teslenko, CH
10:45	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
11:15	Jean-Léon Maitre, FR	Sandro Keller, AT	Johan Elf, SE
11:45	Ivan Palaia, UK	Federica Scollo, CZ	<b>Gabriel Rosenblum, IL</b>
12:00	<b>Yoav G Pollack, DE</b>	Fabio Lolicato, DE	<b>Marcus G Bage, UK</b>

12:15 13:15 LUNCHBREAK  
12:15 13:15 2. EBSA EC Meeting

	<b>Session 22</b>	<b>Session 23</b>	<b>Session 24</b>
<b>Topic</b>	<b>Synthetic cell</b> <b>Saal 3.16</b>	<b>Liquid-liquid phase separation &amp; intrinsically disordered proteins</b> <b>Saal 3.29</b>	<b>Biosensors</b> <b>Hall C</b>
<b>Chairs</b>	Petra Schwille, DE Mauro Dalla Serra, IT	Andreas Horner, AT	Klaus Groschner, AT Maria T. Alonso, ES
13:15	Irep Gözen, NO	Edward A Lemke, DE	Andrea Rentmeister, DE
13:45	Tobias Erb, DE	<b>Monika Fuxreiter, IT</b>	Roland Malli, AT
14.15	Kevin Jahnke, DE	Vito Fodera, DK	Til Schlotter, CH
14.30	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
15:00	Rumiana Dimova, DE	Salvador Ventura, ES	<b>Jin Zhang, US</b>
15:30	<b>Sunidhi C Shetty, DE</b>	Emil G. Stender, DK	<b>Ornella Cavalleri, IT</b>
15:45	<b>Meifang Fu, DE</b>	<b>Juan Torreno-Pina, ES</b>	Alba dei Rio Lorenzo, ES

**16:15 18:00 Award session & Closing Ceremony**  
*Chair: Jesús Pérez-Gil, ES & Elena E. Pohl, AT*

16:20 Young Investigator Award: **Yaser Hashem, FR**

16:45 Avanti Polar Award: **Elna Ikonen, FI**

17.10 Student awards

17.30 Closing Ceremony

18:30 19:00 Bus transfer to Dinner  
**19:00 Congress Dinner**