

## ISN supported SMALL CONFERENCE report

- a. Basic information (the title of the meeting, dates, organiser, venue, etc.)

**Title: 21st International Symposium on Chromaffin Cell Biology (ISCCB-21)**

**Website: ISCCB.org**

**Dates: 7-12 July 2022**

**Venue: Hotel Hafen Hamburg, Germany**

**Venue address: Seewartenstraße 9, 20459 Hamburg, Germany**

**Organizing Committee:**

Manfred Lindau, University of Miami, FL

Elizabeth (Liz) Seward, University of Sheffield, UK

Ricardo Borges, Universidad de La Laguna, Tenerife, Spain

Ute Becherer, Saarland University in Homburg, Germany

- b. Registration and registration fees

**Early Registration (until 13-April 2022)**

Regular Registration Fee 590.00 €

Student Registration Fee 450.00 €

**Late Registration (starting 14-April 2022)**

Regular Registration Fee 690.00 €

Student Registration Fee 540.00 €

Guest were registered for social events with a fee covering the costs of the respective booked events

- c. Program (the full detailed program and abstracts book is attached separately)

**Thursday, 07-July-2022**

16:30-19:00 Registration. Foyer Elbkuppel

17:00-19:00 Opening Reception. Foyer Elbkuppel, Hotel Hafen Hamburg

19:00-19:45 Introductory Lecture. Foyer Elbkuppel

Antonio Garcia (Universidad Autónoma de Madrid, Spain)

*Forty years of chromaffin cell biology around the world*

21:00-22:30 Guided visits: Hamburg's St. Pauli and Harbour Walking Tours

**Friday, 08-July-2022**

09:00-10:30 Early morning session: SNAREs & Associates I. Elbkuppel

10:30-11:00 Nobel Laureate Dr. Erwin Neher (MPI for Multidisciplinary Sciences, Göttingen, Germany) *Dynamic priming in both, chromaffin cells and synaptic terminals*

11:00 Morning Coffee Break & Posters view. Foyer Elbkuppel

11:30-12:30 First Plenary Talk. Elbkuppel

Axel Brunger (Stanford University, USA)

*Molecular mechanisms of calcium-triggered exocytosis*

12:30-13:30 Late morning session: SNAREs & Associates II. Elbkuppel

13:30-14:30 Lunch & posters view. Foyer Elbkuppel

14:30-16:00 Poster flash talks and poster viewing. Foyer Elbkuppel

- Poster presenters give a talk with 1 slide to attract the audience to come to the poster and learn more about their research
- 16:00-17:00 Second Plenary Talk. Elbkuppel  
Jacqueline Burre (Weill Cornell Medicine, New York NY, USA)  
*Disease-causing mutations in Munc18-1/STXBP1 impair neurotransmitter release at multiple levels*
- 17:00-17:30 Afternoon coffee break and poster view. Foyer Elbkuppel
- 17:30-19:30 Evening session: Pathologies of the secretory machine. Elbkuppel

### **Saturday 09-July-2022**

- 09:15-11:30 Excursion: Harbor cruise including historic warehouse city
- 12:30 ISCCB office opens, posters view. Foyer Elbkuppel
- 13:00-14:00 Lunch and posters view. Foyer Elbkuppel
- 14:00-15:00 Third Plenary Talk. Elbkuppel  
Gary Whittaker (Cornell University, Ithaca NY, USA)  
*Activation of membrane fusion by the coronavirus spike protein*
- 15:00-16:20 Afternoon session: Viral fusion mechanisms. Elbkuppel
- 16:20-17:30 Wine & cheese club: Discussion Time - Fusion from SNAREs to viruses, Foyer
- 17:30-19:30 Evening Session: Chromogranin A and B: Maintenance of homeostasis and impacts on diseases

### **Sunday 10-July-2022**

- 08:30 Coffee, Tea, Snacks and posters view, Foyer Elbkuppel
- 9:00-11:00 Early morning session: Lipids in the life cycle of secretory granules
- 11:00 Coffee Break & Posters view
- 11:30-13:00 Late morning sessions (2 parallel)  
a) From chromaffin granules towards clinical applications, Ellipse  
b) Vesicle priming and recycling, Elbkuppel
- 13:00 Lunch & Posters view. Foyer Elbkuppel
- 14:00-14:50 Fourth Plenary Talk. Elbkuppel  
Ling-Gang Wu (National Institutes of Health, Bethesda MD, USA)  
*Visualizing membrane dynamics of exo- and endocytosis*
- 15:00-17:00 Afternoon Sessions (2 Parallel Sessions)  
a) Exocytosis beyond chromaffin cells, Elbkuppel  
b) Ion Channels, Transporters, and Receptors, Ellipse
- 17:00-19:30 Posters view. Foyer Elbkuppel
- 17:00-18:00 Int. Advisory Board Biennial Meeting
- 18:00-19:00 Special Workshop (Company Presentations): Advanced Research Tools. Elbkuppel

### **Monday 11-July-2022**

- 08:00 ISCCB office opens, posters view. Foyer Elbkuppel
- 08:30 Coffee, Tea, Snacks and posters view
- 09:00-11:00 Early Career Researchers - *Daniel T. O'Connor, MD Memorial Session*. Elbkuppel
- 11:00 Coffee Break & Posters view. Foyer Elbkuppel
- 11:30-13:00 Morning sessions (2 parallel)  
a) Localization of the fusion machinery, Elbkuppel  
b) Microfabricated devices for studies of neurotransmission, Ellipse
- 13:00-14:00 Lunch & posters view
- 14:00-15:30 Afternoon sessions (2 parallel)  
a) Kinetic aspects of transmitter release, Elbkuppel  
b) Chromogranin A and its peptides: Risk factors for cardiometabolic and gut disease, Ellipse
- 15:30 Coffee Break and posters view

16:00-18:00	Late afternoon Session: Super-resolution imaging - vesicles and the exocytotic machinery, Elbkuppel
18:00	Presentations of Awards Ceremony
18:30	Summing up & introducing the 22 <sup>nd</sup> ISCCB
20:00	Conference Banquet (Restaurant "Parlament" in the Rathaus (City Hall))

## Tuesday 12-July-2022

9:00 Farewell and opportunities to visit cultural sights in Hamburg

### d. ISCCB-21 List of Speakers in alphabetical order

- **Isaac Akefe**, Univ. Queensland - QBI, Australia: *Greasing the wheels of memory with myristic fatty acids*
- **Wolfgang Almers**, Oregon Health and Sciences Univ., USA: *Syntaxin clusters and granules at the plasma membrane of cultured endocrine cells*
- **Vikas Arige**, Univ. Rochester NY, USA: *Functional Determination of Calcium binding sites required for the activation of inositol 1,4,5-trisphosphate receptors*
- **Uri Ashery**, Univ. Tel Aviv, Israel: *Novel platform for detection of alpha-synuclein aggregation from skin biopsy using super-resolution microscopy*
- **Bademosi, Adekunle**, Queensland Brain Inst., Australia: *Super-resolving the molecular machinery underpinning fusion pore formation*
- **Ute Becherer**, Univ. Saarland, Germany: *CAPS1 and CAPS2 localization and function at dorsal ganglion root synapses*
- **Ricardo Borges**, Univ. La Laguna, Spain: *A secretory vesicle failure in Parkinson's disease occurs in human platelets*
- **Axel Brunger**, Stanford Univ., USA: *Molecular mechanisms of calcium-triggered exocytosis*
- **Jacqueline Burré**, Weill Cornell Med. School, USA: *Disease-causing mutations in Munc18-1 / STXBP1 impair neurotransmitter release at multiple levels*
- **Valentina Carabelli**, Univ. Torino, Italy: *Micro-graphite patterned diamond sensors to monitor midbrain neurons activity and its alteration by  $\alpha$ -synuclein*
- **Emilio Carbone**, Univ. Torino, Italy: *Chromaffin cell firing viewed through MEAs: evidence for two distinct firing modes and well-resolved action potential-driven  $\text{Na}^+$ ,  $\text{K}^+$  and  $\text{Ca}^{2+}$  currents at the cell-microelectrode contact region*
- **Sahar El Aidy**, Univ. Groningen, The Netherlands: *Catestatin plays crucial roles in regulating the abundance of gut bacterial taxa with selective antimicrobial resistance*
- **Andrew Ewing**, University of Gothenburg, Sweden: *Repetitive Stimulation, a new paradigm for understanding the role of partial exocytosis in plasticity*
- **Manfred Frick**, Univ. of Ulm, Germany: *Exocytotic release of surfactant from the alveolar type II lung cells in health and disease*
- **Borut Furlani**, University of Ljubljana, Slovenia: *Monitoring SARS-CoV-2 infection in human astrocytes*
- **Antonio Garcia**, Univ. Autónoma, Madrid, Spain: *Altered exocytosis and mitochondrial function in chromaffin cells from the SOD1-G93A mouse model of amyotrophic lateral sclerosis*
- **Kevin Gillis**, Univ. Missouri, USA: *Sensing catecholamines and using them as building blocks*
- **Liangwei Gong**, Univ. Illinois, USA: *Roles of sphingosine kinase 1 in synaptic vesicle recycling*
- **Luis Gutiérrez**, Univ. Alicante, Spain: *The sphingosine analogue FTY-720 influences membrane fusion and cell survival in chromaffin cells*
- **Raul Guzman**, Forschungszentrum Jülich, Germany: *CLC anion/proton exchangers regulate secretory vesicle filling and granule exocytosis in chromaffin cells*

- **Martin Heine**, Johannes Gutenberg Univ. Mainz, Germany: *Dynamic organization of voltage gated calcium channels in the presynaptic membrane*
- **Ronald Holz**, Univ. Michigan, Ann Arbor, USA: *VAMP2 and synaptotagmin mobility in chromaffin granule membranes: implications for regulated exocytosis (abstract only)*
- **Meyer Jackson**, Univ. Wisconsin, USA: *Rigid and flexible fusion pores of exocytosis*
- **Reinhard Jahn**, MPI Göttingen, Germany: *Intermediate steps in SNARE-mediated membrane fusion*
- **Jernej Jorgačevski**, Univ. Ljubljana, Slovenia: *Fusion pore stabilization by SNARE-interacting proteins and cholesterol in astrocytes and pituitary cells; relevance for lysosomal storage disease*
- **Volker Kiessling**, Univ. Virginia, USA: *Fusion studies using supported membranes*
- **Brian Kim**, UCF Orlando, USA: *1024-ch Amperometric Microelectrode Array for Accelerated Quantal Analysis from Human Neuroblastoma and PC-12 Cells*
- **Grant Kusick**, Johns Hopkins Univ. USA: *Synaptotagmin 7 docks and Doc2 $\alpha$  fuses synaptic vesicles during asynchronous neurotransmitter release and facilitation*
- **Manfred Lindau**, Univ. of Miami, FL, USA: *A surprise from spatiotemporal analysis of simultaneous TIRF and electrochemical imaging of exocytic events in chromaffin cells*
- **Nitish Mahapatra**, IIT Madras, Chennai, India: *Functional human variants of catestatin and pancreastatin peptides enhance cardiometabolic disease risk*
- **Sushil Mahata**, UC San Diego, USA: *Chromogranin A regulation of age-associated development of hypertension, diabetes, and dementia*
- **Constanza Maldefassi**, Univ. of Bern, Switzerland: *Crosstalk between Pannexin1, P2X7 and  $\alpha 7$  nicotinic acetylcholine receptors potentiate exocytosis*
- **Fred Meunier**, Queensland Brain Inst., Australia: *Nano-biomolecular condensates control the clustering of synaptic vesicles*
- **Ira Milosevic**, Univ. Oxford, UK: *Regulation of timing and efficacy of neurotransmitter release by the core complex associated protein complexin*
- **Elke Muntjewerff**, Uppsala Univ., Sweden: *The role of chromogranin A and catestatin in homeostasis and disease*
- **Erwin Neher**, MPI, Göttingen, Germany: *Dynamic Priming in both Chromaffin cells and Synaptic Terminals*
- **Yongsoo Park**, Qatar Biomed. Res. Inst., Qatar: *Requirement of cholesterol for calcium-dependent vesicle fusion by stabilizing synaptotagmin-1-induced membrane bending*
- **Vladimir Parpura**, Univ. Alabama, USA: *Vesicle docking: Mechanical interactions between SNARE proteins revealed by atomic force spectroscopy*
- **Teresa Pasqua**, Univ. Catanzaro, Italy: *Novel insight on Chromogranin A cardiac mechanism of action: the role of Neuropilin-1*
- **Jose Rizo-Rey**, Univ. Texas Southwestern, Dallas, USA: *Understanding neurotransmitter release in atomic detail*
- **Carmine Rocca**, University of Calabria, Italy: *A new predictive sensor for the doxorubicin-dependent cardiotoxicity: the paradigm of the cardioprotector chromogranin-A*
- **Christian Rosenmund**, Charité, Berlin, Germany: *Syntaxin-1A modulates vesicle fusion in mammalian neurons via juxtamembrane domain dependent palmitoylation of its transmembrane domain*
- **Markus Sauer**, Julius-Maximilians-Universität Würzburg, Germany: *Molecular resolution fluorescence imaging*
- **Manu Sharma**, Weill Cornell Med. School, USA: *Lysosomal exocytosis releases pathogenic  $\alpha$ -synuclein species from neuron*
- **Ahmed Shabaan**, Univ. of Copenhagen, Denmark: *Dissecting the functional properties of serotonin release from "the other" chromaffin cells in the gut*
- **Ali Shaib**, University of Göttingen Medical Center, Göttingen, Germany: *Optimized nanoscale expansion microscopy*

- **Pradeep Singh**, Rockefeller University, New York, USA: *Vascular contribution in Alzheimer's disease associated blood brain barrier damage, neuroinflammation and cognitive decline*
  - **Jakob Sørensen**, Univ. Copenhagen, Denmark: *ubMunc13-2, synaptotagmin-7 and phospholipids/diacylglycerol: a triad for dense-core vesicle priming*
  - **Lukas Tamm**, Univ. Virginia, USA: *Role of cholesterol in the tug of war between viral fusion proteins and cellular restriction factors in virus entry*
  - **Emeline Tanguy**, INCI – CNRS, Strasbourg, France: *The multiple function of different phosphatidic acid species along the different steps of neuroendocrine secretion*
  - **Justin Taraska**, NIH, Bethesda, USA: *Imaging the nanoscale structures of exocytosis and endocytosis with light and electron microscopy*
  - **Petronel Tuluc**, University of Innsbruck, Austria: *Loss of  $\alpha 2\delta$ -1 calcium channel subunit function increases excitability and promotes burst firing in mouse chromaffin cells*
  - **Geert van den Bogaart**, Univ. Groningen, Netherlands: *Regulation of syntaxin-5 function by alternate sites of translation initiation*
  - **Matthijs Verhage**, VU Amsterdam, Netherlands: *Organizing release sites for secretory vesicle exocytosis in chromaffin cells and neuron*
  - **Julia von Blume**, Yale Univ., USA: *Liquid-liquid phase separation facilitates the biogenesis of secretory storage granules*
  - **Gary Whittaker**, Cornell University USA: *Activation of membrane fusion by the coronavirus spike protein*
  - **Ling-Gang Wu**, NIH Bethesda, USA: *Visualizing membrane dynamics of exo- and endocytosis*
  - **Wei Ying**, UC San Diego, USA: *A CRIg+ macrophage-dependent defense against microbial extracellular vesicle-induced adrenomedullary dysfunctions*
  - **Yongli Zhang**, Yale Univ., USA: *Energetics and kinetics of chaperoned SNARE assembly revealed by optical tweezers*
  - **Joshua Zimmerberg**, NIH Bethesda, USA: *Planar aggregation of the influenza viral fusion peptide alters membrane structure and hydration, promoting poration*
  - **Robert Zorec**, University of Ljubljana, Slovenia: *Heterologous lysosomal fusion and the cell-based immunotherapy of prostate cancer*
- e. List of Plenary Speakers (included above):
- Nobel Laureate Dr. Erwin Neher (MPI for Multidisciplinary Sciences, Göttingen, Germany)** *Dynamic priming in both, chromaffin cells and synaptic terminals*
- Axel Brunger (Stanford University, USA)** *Molecular mechanisms of calcium-triggered exocytosis*
- Jacqueline Burre (Weill Cornell Medicine, New York NY, USA)** *Disease-causing mutations in Munc18-1/STXBP1 impair neurotransmitter release at multiple levels*
- Gary Whittaker (Cornell University, Ithaca NY, USA)** *Activation of membrane fusion by the coronavirus spike protein*
- Ling-Gang Wu (National Institutes of Health, Bethesda MD, USA)** *Visualizing membrane dynamics of exo- and endocytosis*
- f. The highlight of the meeting
- The International Symposium on Chromaffin Cell Biology is a meeting where about a hundred researchers from around the world meet approximately every other year for typically 4-5 days, to discuss neurochemical, neurophysiological, neuropharmacological and clinical aspects of the biology of adrenal chromaffin cells. In this conference the topics include not only studies on chromaffin cells but also related research including exo/endocytosis, synaptic transmission, vesicle fusion machinery and mechanisms, vesicular contents, ion channels, innovative techniques etc. in other cell types from neurons to the immune system as well as *in vitro* and computational studies. This year's meeting had a strong focus on the mechanisms of vesicle fusion and transmitter release with the top

scientist presenting their latest research. In addition to exocytotic fusion, also cutting edge research on the mechanisms of viral fusion were presented and discussed in the context of exocytotic fusion.

The ISCCB-21 was both highly intense in terms of the scientific program and the personal interactions discussions of the participants. This was promoted by a number of social events but most importantly by the format, where the poster hall was located directly in front of the main lecture hall and it was in the same hall where the participants had lunch and coffee breaks. This format generated particularly dynamic interactions with the poster presenters throughout the meeting.

For the various sessions, there were many highlights from the most advanced developments and applications of super-resolution microscopy to molecular insights into disease mechanisms. Major highlights were the presentation by Nobel Laureate Erwin Neher on the dynamics of vesicle priming in chromaffin cells and synaptic terminals and certainly the plenary lectures. Axel Brunger presented the latest details on the structure and function of the SNARE proteins in complex with accessory proteins synaptotagmin, complexin, Munc13 and Munc18 which was closely related to several talks on the topic on Friday. The topic was then related to disease causing mutations in Munc18-1 in the 2<sup>nd</sup> plenary talk by Jacqueline Burré. In the 3<sup>rd</sup> plenary talk Gary Whittaker moved to the discussion of activation of membrane fusion by the coronavirus spike protein and its utilization for the development of therapeutics and vaccines. In the 4<sup>th</sup> plenary talk Ling-Gang Wu presented impressive live cell imaging of exocytosis and endocytosis revealing many unexpected features.

#### g. Participants

ISCCB-21 was attended by a total 82 scientific participants from 49 institutions in 16 different countries. The countries include several European countries as well as USA, Australia, Israel, India, Mexico, and Qatar. Unfortunately, scientists from China did not obtain permission to travel abroad due to COVID-19 and could therefore not attend.

The total number of participants was slightly lower than expected, due to travel restrictions as mentioned above and also due to COVID-19 related travel concerns. Nevertheless, the ISCCB-21 attracted the top scientists in the field, including Nobel Laureate Erwin Neher and several members of the National Academy of Sciences, USA.

Among the participants were also 10 graduate students and several post-doctoral researchers.

As an outreach activity we provided the opportunity to participate as “conference assistants” to four 2022 high school graduates from a local high school, who had a focus area of biochemistry in high school. One of them tested positive for SARS-CoV2 and could not participate but the other three assisted handing out the conference materials, handing the microphones for questions in the lecture rooms, operated slide computers and helped attendees with various questions.

They all felt honored by this opportunity and were extremely excited and motivated. We feel that this might be an exemplary outreach opportunity that might be attractive also for other small conferences in the future to promote interest in neurochemical research.

h. Material distribution

The announcement of ISCCB-21, registration and program information were available online. The website [iscb-21.godaddysites.com/](http://iscb-21.godaddysites.com/) was hosted free of charge at goddaddy.com and could be reached via [www.isccb.org](http://www.isccb.org), a domain purchased by the organizers.

Sponsoring by ISN was indicated on the website as the first item in the section “We thank our sponsors” as soon as approval was obtained (shown on the right). Click on the ISN logo is linked to <https://www.neurochemistry.org/>. The button “ABOUT MEMBERSHIP” is linked to the ISN membership information <https://www.neurochemistry.org/isn-membership/>

At the conference site, all participants were given a name tag, a printed program and abstracts book, and a conference bag. The program and abstracts book has the ISN logo at multiple locations including a full ISN information page (see below).

ISCCB-21

Hamburg July 07-12, 2022

ISCCB-21

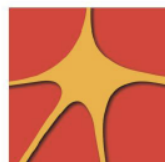
We thank our  
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for generous support



ISCCB-21

Hamburg July 07-12, 2022



**ISN**  
International Society  
for Neurochemistry

[www.neurochemistry.org](http://www.neurochemistry.org)

The International Society for Neurochemistry (ISN) is a nonprofit membership organisation and the only international society focused on neurochemistry. With a proud history dating back to its establishment in 1965, ISN strives to promote all relevant aspects of molecular and cellular neuroscience.

**ISN supports the neuroscience community, connecting people around the globe and across specialties.**

ISN members are scientists and physicians who are active in the field of neurochemistry, cell and molecular neuroscience or related areas and aims to facilitate the worldwide advancement of neurochemistry and related neuroscience disciplines; to foster the education and development of neuroscientists, particularly of young and emerging investigators, and to disseminate information about neurochemistry and neurochemists' activities throughout the world.

We thank ISN for the continued substantial support of ISCCB.

The conference bag also carries the ISN logo



i. Social events

**Thursday 07-July-2022**

**17:00-19:00      Opening Reception. Foyer Elbkuppel, Hotel Hafen Hamburg**

At the opening reception, the participants met in the Foyer of the main conference space. At the beginning of the reception, Manfred Lindau, chair of the organizing committee welcomed the participants and informed them about the major sponsoring by ISN and its use to primarily support students and post-docs, allowing them to attend.

**21:00-22:30      Guided visits: Hamburg's St. Pauli and Harbour Walking Tours**

This was an opportunity for the participants to experience the glittering entertainment area surrounding the conference hotel at the harbor with theaters, clubs, pubs, and live music around the world famous Reeperbahn. In three groups, English speaking guides explained the unique cultural features as well as the history from the 17<sup>th</sup> century to the times where the Beatles started their career in St. Pauli.

**Saturday 09-July-2022**

**09:15-11:30 am    Excursion: Harbor cruise including historic warehouse city**

A typical Hamburg harbor cruise boat was chartered with an English speaking guide visiting the world's largest historic warehouse complex (Speicherstadt), a UNESCO World Heritage Site, the newly built Hafencity, channels and locks, the Elbphilharmonie, Container Terminals, Docks, Ship repair facilities and of, course, views of the conference hotel from the water.

**Sunday 10-July-2022**

**05:00-8:30 am    Visit the nearby Fischmarkt (fish market) (~10 min walk).**

Sunday morning the participants had the opportunity to stroll the famous "Fischmarkt" in small groups. This is a fun experience with plenty of opportunities for sample some typical Hamburg food and to buy some souvenirs. Fischmarkt is open only on Sunday mornings. The conference started at 9:00 am on Sunday as on the other days.

**Monday 11-July-2022**

**20:00-23:00      Banquet in the Restaurant "Parlament" in the historic Rathaus (City Hall).** At the banquet the Shanty Choir "Fleetenkieker" presented songs typical for Hamburg but also widely known internationally through the historic sailors community



j. Travel Awards

ISCCB-21 List of Participants supported by  
**Young ISN Neurochemistry Awards**

**Isaac Akefe**

University of Queensland, Brisbane,  
Australia

**Adekunle Bademosi**

QBI, University of Queensland,  
Brisbane QLD, Australia

**Ana De la Iglesia**

Universidad de La Laguna, Tenerife,  
Spain

**Santiago Echeverry**

Uppsala University, Uppsala, Sweden

**Borut Furlani**

University of Ljubljana, Slovenia

**Stefanie Geisler**

University of Innsbruck, Austria

**Noelia Jacobo-Piqueras**

University of Innsbruck, Austria

**Grant Kusick**

Johns Hopkins Univ., Baltimore MD,  
USA

**Liu Liangwen**

Uppsala University, Uppsala, Sweden

**Elke Muntjewerff**

Uppsala University, Uppsala, Sweden

**Oscar Parada-Parra**

Universidad Nacional Autónoma de  
México. Ciudad de México, Mexico

**Ahmed Shaaban**

University of Copenhagen, Denmark

**Noemí Socas**

Universidad de La Laguna. Tenerife.  
Spain

**Emeline Tanguy**

Université de Strasbourg,  
Strasbourg, France

**Tamara Theiner**

University of Innsbruck, Austria

**Julijan Vršnik**

University of Ljubljana, Slovenia

k. Travel subsidies for Invited Speakers/Plenary Speakers

ISCCB-21 List of Plenary/Invited Speakers  
supported by ISN Travel Awards

**Ute Becherer**

Saarland University in Homburg,  
Germany

**Ricardo Borges**

University of La Laguna, Tenerife,  
Spain

**Axel Brunger**

Stanford University, Stanford CA,  
USA

**Valentina Carabelli**

University of Torino, Italy

**Sahar El Aidy**

University of Groningen,  
Netherlands

l. Sponsorship

ISN was the main sponsor of the event. Additional funds were provided by the Biochemical Society and the following four Companies located in Germany:

1. Rapp OptoElectronic GmbH, Wedel, Germany
2. HEKA Elektronik GmbH, Reutlingen, Germany
3. Synaptic Systems GmbH, Göttingen, Germany
4. Visitron Systems GmbH, Puchheim, Germany

m. General budget; detailed ISN budget, how the ISN funds were utilized

**General Budget:**

**Expenses:**

Conference Venue incl. lunches & coffee breaks	31,650.00 €	\$34,182.00
Discussion Session Cheese and drinks Saturday	1,302.50 €	\$1,406.70
Poster Session Food and drinks Sunday	2,887.00 €	\$3,117.96
Poster Boards, Technical Equipment and supplies	2,568.62 €	\$2,774.11
Program Printing	1,019.08 €	\$1,100.61
Conference Bags	599.00 €	\$646.92
Conference Assistants	480.00 €	\$518.40
Poster Prizes	300.00 €	\$324.00
Bank Fees	10.00 €	\$10.80

**Social:**

Opening Reception	4,089.50 €	\$4,416.66
Walking Tours	780.00 €	\$842.40
Harbor Cruise	1,483.25 €	\$1,601.91
Banquet	7,067.00 €	\$7,632.36

Non-ISBN travel Awards	1,645.00 €	\$1,776.60
Total expenses	55,880.95 €	\$60,351.43

Income:

Registration Fees	33,112.19 €	\$35,761.17
Guest Fees	880.00 €	\$950.40
ISBN Support	13,889.00 €	\$14,999.50
Biochem Soc	~600.00 €	\$648.00
Company Sponsors	7,400.00 €	\$7,992.00
Total income	55,881.19 €	\$60,351.68

**Detailed ISBN budget:**

The charge to rent the main conference space (lecture Hall Elbkuppel and Foyer for posters and breaks) for Thursday Evening (1,500 €) and the 4 days Friday to Monday (2,400 €/day) would have been 11,100 €. In addition, there would have been a charge of 750 €/day for the projector and screen in the lecture hall Elbkuppel, thus an additional 3,000 €. However, the Hotel offered a special package including lunch and coffee breaks for up to 100 participants for 29,500 €. This amount included the use of the main conference space and the projector and screen. In addition to the 29,500 € package a fee of 1000 €/day was charged for the second room on Sunday and Monday and a fee of 150 € for use of the screen on Thursday.

**The basic charges for the conference are therefore**

**13,250.00 € conference venue rental**  
**3,000.00 € projector and screen**  
**2,568.62 € was spent for the poster board rental, technical equipment and supplies.**  
**1,019.08 € for program printing**  
**599.00 € for the conference bags**  
**480.00 € compensation for the conference assistants**  
**300.00 € for poster prizes**

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**21,216.70 € Total (~\$22,900)**

**These expenses were partly covered by ~\$14,000 tuition reductions and waivers that were possible due to the ISBN support.**

**Dr. Adekunle Bademosi, received an additional amount of ~\$1,000 to support his travel. Dr. Bademosi is a post-doctoral minority scientist at Queensland Bran Institute and did not have sufficient funds to cover the expensive air travel from Brisbane, Australia.**

**All ISBN funds were used to cover travel, and registration expenses as detailed in the table of section t.**

**No funds were expended for honoraria, food, social events etc.**

n. List of ISCCB-21 Participants

**Isaac Akefe**

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**Wolf Almers**

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**Keith Chan**

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- o. Confirmation of the used of the provided ISN slides to inform the audience on ISN and on the benefits of an ISN membership.

Unfortunately, we were not provided with slides by ISN. We therefore made two slides, one slide indicating all sponsors of ISCCB-2 and one slide specific for ISN.



In addition to mentioning ISN at the opening reception, these slides were shown at the beginning of various sessions and the major support of ISCCB-21 and the benefits of membership were announced to the audience. The ISN slide included specifically also the information about the ISN website for further information. We feel that the information of ISN as a sponsor on the

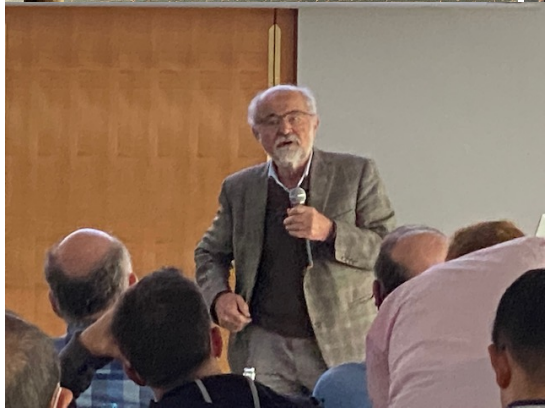
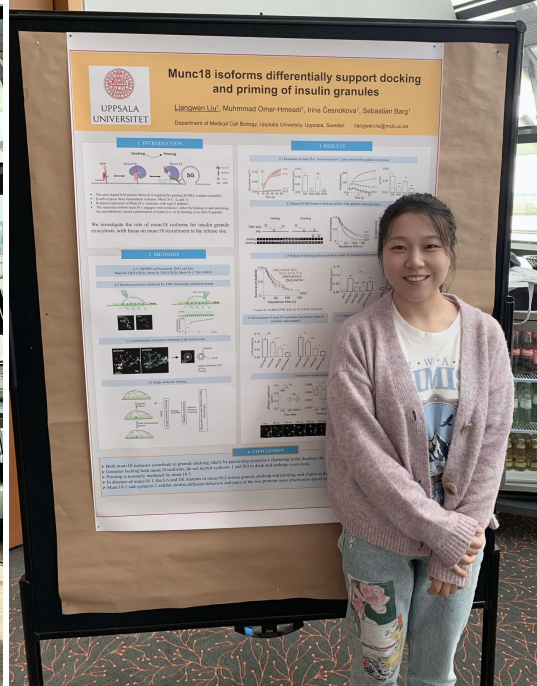
- p. Confirmation of the posting of information on the ISN supported event on the ISN Social Media channels before the event took place.

We posted the ISN information on the conference web site as soon as the support was approved. We were not familiar with the ISN social media channels since the organizing committee chair does not have any social media accounts, which we thought would be necessary.

- q. Confirmation of the posting of some concluding statements with pictures on the success of the ISN supported event on the ISN Social Media channels after the event took place.

We posted several concluding statements on the ISN newsfeed  
<https://members.neurochemistry.org/newsfeed>

r. Photos







s. Comments of at least three attendants about the Meeting

We would like to thank you very much for the opportunity to present our work here, in particular with the eminent speaker list. We have met and reconnected with many colleagues we had not seen in years, and have gotten to meet new ones, with opportunities for new collaborations. Overall, an extremely useful and well-organized meeting, and a wonderful city to visit!  
Manu Sharma and Jacqueline Burré

Thank you so much again for the organization of the meeting and the travel award. It was a very nice and super interesting meeting and I hope we can meet in the following one again!  
Noelia Jacobo-Piqueras

Thank you very much again for organizing and inviting us to the meeting! It was a very nice and super interesting meeting!

Tamara Theiner

I huge 'thank you' for organizing this meeting. I had a great time and had a chance to catch up with so many who I had not seen in several years.

Axel Brunger

Thank you for organizing this exciting meeting. I enjoyed it very much in both science, social, and sight seeing.

Ling-Gang Wu

Thank you for organizing such a wonderful meeting. Fantastic. Thanks for organizing this symposium and for inviting me.

Jose Rizo

Thank you for your precious work that contributed to making a wonderful and stimulating symposium with an excellent science. It was a big pleasure to meet you in Hamburg!

Carmine Rocca

Thank you very much for organizing this fantastic congress. We have good memories of Hamburg, and of the times we have spent together.

Juan Fernando Padin Nogueira

Thank you very much for having me in Hamburg - this was the best meeting that I attended since the end of pandemic. It was nice to see my previous mentors in person, and to network with friends/colleagues.

Ira Milosevic

Thank you once more for your efforts leading to a magnificent ISCCB-21 meeting in Hamburg. The quality of the presentations and the friendly atmosphere were simply superb, in line with the objectives and philosophy of ISCCB.

Antonio Garcia

- t. The budget used for each speaker or awarded person must be specified separately

Each of the 16 Young ISN Neurochemistry Awardees received a full waiver of the registration fee in the amount of 590.00 €, equivalent to about US\$ 637.00.

One of the Young ISN Neurochemistry Awardees, Dr. Adekunle Bademosi, will receive an additional amount of \$1,000 to support his travel. Dr. Bademosi is a post-doctoral minority scientist at Queensland Bran Institute and did not have sufficient funds to cover the expensive air travel from Brisbane, Australia.

The 5 supported Invited/Plenary Speakers each received a full waiver of the registration fee in the amount of 590.00 €, equivalent to about US\$ 637.00. Dr. Vladimir Parpura, who attended the conference received no support provided by ISN nor from any other source from the meeting

The total of the awards adds up to  $21 \times \$637.00 + \$1000.00 = \$14,377$ .

In addition, the registration fee of 4 students who did not receive a full registration fee waiver was reduced by either 140.00 € (early registration, 3 students) or

150.00 € (late registration, 1 student). The total amount of 570.00 € is equivalent to about \$617

These amounts add up to a total of about US\$ 15,000 ISN support of the ISCCB-21. The first payment by ISN of \$12,000 converted to 10,972.43 €. We anticipate a somewhat better exchange rate for the final payment.

The detailed budget for each supported person is provide in the table below

YOUNG ISN AWARDS		Award Type	Award amount (€)	Award amount (US\$)
<b>Bhaskar, Bhavya</b>	Tata Institute of Fundamental Research, Mumbai, India	Early Student Registration Reduction	140	151.2
<b>Sanghrajka, Kinjal</b>	Tata Institute of Fundamental Research, Mumbai, India	Early Student Registration Reduction	140	151.2
<b>Pritchard_Robin</b>	University of Sheffield, UK	Early Student Registration Reduction	140	151.2
<b>Stepien, Karolina</b>	University of Texas Southwestern Medical Center at Dallas TX, USA	Late Student Registration Reduction	150	162
<b>Grant Kusick</b>	Johns Hopkins Univ., Baltimore MD, USA	Full Early Registration Fee Waiver	590	637.2
<b>Isaac Akefe</b>	University of Queensland, Brisbane, Australia	Full Early Registration Fee Waiver	590	637.2
<b>Borut Furlani</b>	University of Ljubljana, Slovenia	Full Early Registration Fee Waiver	590	637.2
<b>Ana De la Iglesia</b>	Universidad de La Laguna, Tenerife, Spain	Full Early Registration Fee Waiver	590	637.2
<b>Noemí Socas</b>	Universidad de La Laguna. Tenerife. Spain	Full Early Registration Fee Waiver	590	637.2
<b>Oscar Parada-Parra</b>	Universidad Nacional Autónoma de México. Ciudad de México, Mexico	Full Early Registration Fee Waiver	590	637.2
<b>Tamara Theiner</b>	University of Innsbruck, Austria	Full Early Registration Fee Waiver	590	637.2
<b>Noelia Jacobo-Piqueras</b>	University of Innsbruck, Austria	Full Early Registration Fee Waiver	590	637.2
<b>Liu Liangwen</b>	Uppsala University, Uppsala, Sweden	Full Early Registration Fee Waiver	590	637.2
<b>Emeline Tanguy</b>	Université de Strasbourg,	Full Early Registration Fee Waiver	590	637.2

<b>Julijan Vršnik</b>	University of Ljubljana, Slovenia	Full Early Registration Fee Waiver	590	637.2
<b>Santiago Echeverry</b>	Uppsala University, Uppsala, Sweden	Full Early Registration Fee Waiver	590	637.2
<b>Ahmed Shaaban</b>	University of Copenhagen,	Full Early Registration Fee Waiver (postdoc)	590	637.2
<b>Elke Muntjewerff</b>	Uppsala University, Uppsala, Sweden	Full Early Registration Fee Waiver (postdoc)	590	637.2
<b>Stefanie Geisler</b>	University of Innsbruck, Austria	Full Early Registration Fee Waiver (postdoc)	590	637.2
<b>Adekunle Bademosi</b>	QBI, Univ. of Queensland, Brisbane, Australia	Full Early Registration Fee Waiver and Travel Support (postdoc)	1519	1640.52
		Students/postdocs subtotal	10939	11814.12
<b>INVITED SPEAKER SUPPORT</b>				
<b>Brunger_Axel</b>	Stanford University, Stanford CA, USA	Full Early Registration Fee Waiver	590	637.2
<b>Becherer, Ute</b>	Saarland University in Homburg, Germany	Full Early Registration Fee Waiver	590	637.2
<b>Carabelli_Valentina</b>	University of Torino, Italy	Full Early Registration Fee Waiver	590	637.2
<b>El_Aidy_Sahar</b>	University of Groningen, Netherlands	Full Early Registration Fee Waiver	590	637.2
<b>Borges_Ricardo</b>	Universidad de La Laguna. Tenerife. Spain	Full Early Registration Fee Waiver	590	637.2
		Invited speakers subtotal	2950	3186
<b>ISNSupport Total</b>			<b>13889</b>	<b>15000.12</b>