

ANA Meeting 2021

28–30 September 2021 | Salzburg, Austria

Content

Conference Information	2
Timetable	10
Detailed Program	13
Exhibitors & Sponsors	37

Welcome from the ANA President



Dear ANA members, dear Colleagues,

It is with great pleasure that I welcome you all to Salzburg on behalf of the Executive Board of the Austrian Neuroscience Association.

Thanks to the superb work of the Local Organizers (LO), I can confidently say that the 17th ANA Meeting will be a memorable event for Austrian Neuroscience. The LO have put together an outstanding program addressing a number of topical Neuroscience issues and striking an optimal balance between disciplines. The organization of this meeting has not been an easy task because of the recent extraordinary circumstances, but the LO have been able to secure a great venue for an in person meeting and in compliance of the highest safety requirements. I express here my gratitude together with that of the whole ANA community for their efforts and time.

Besides keynote lectures from distinguished national and international speakers, the meeting offers parallel sessions of selected short oral presentations from younger scientists and thematic mini-symposia alternated with poster sessions. A meeting of this quality allows us to demonstrate the power and vivacity of Austrian Neuroscience. I am sure we will all enjoy this exciting opportunity to meet again, interact and share ideas for promoting neuroscience.

I take this opportunity to thank also all the sponsors for making this meeting possible and you for your contribution!

I wish you a productive and highly successful 17th ANA Meeting and an enjoyable stay in Salzburg.

Francesco Ferraguti
President of the Austrian Neuroscience Association



Welcome from the President of the FWF

Dear Colleagues,

It is a pleasure to welcome you to the ANA Meeting 2021 also on behalf of the FWF, Austria's National Funding Agency in charge of financing fundamental research. Over the years the FWF has supported many projects in the field of neuroscience, ranging from individual grants, international projects, and post doc fellowships, all the way to a large doctoral training program headed by ANA's president Prof. Ferraguti and the Wittgenstein prize awarded to Prof. Jonas in 2016. The outstanding success of your community in securing funding from the FWF underlines the excellence of your work, as well as the important role of neuroscience in Austria.

Beyond the national scale, neuroscience is one of the focus areas of research worldwide, with aspects ranging from clinical and psychological applications, insight to the human mind and consciousness, all the way to new ideas in computer science. Several of these topics will also be addressed at the ANA Meeting 2021 and I wish you, the participants of this year's meeting, a productive exchange of ideas, as well as interesting and inspiring discussions.

Christof Gattringer
President of the FWF

Society Committees

ANA Board

Francesco Ferraguti – Medical University of Innsbruck
 Isabella Sarto-Jackson – Konrad Lorenz Institute for Evolution and Cognition Research
 René Seiger – Karolinska Institutet, Stockholm
 Ramon Tasan – Medical University of Innsbruck
 Petra Scholze – Medical University of Vienna
 Rupert Lanzenberger – Medical University of Vienna
 Sébastien Couillard-Després – Paracelsus Medical University, Salzburg
 Simon Hippenmeyer – Institute for Science and Technology Austria, Klosterneuburg

ANA Extended Board

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 Magdalena Daurer – QPS Austria GmbH, Grambach
 Peter Jonas – Institute for Science and Technology Austria, Klosterneuburg
 David Keays – Research Institute of Molecular Pathology, Vienna
 Andreas Lieb – Medical University of Innsbruck
 Gerald Obermair – Karl Landsteiner University Krems
 Kristin Tessmar-Raible – Max F. Perutz Laboratories, University of Vienna

Organizing Committee

Sébastien Couillard-Després – Paracelsus Medical University, Salzburg
 Isabella Sarto-Jackson – Konrad Lorenz Institute for Evolution and Cognition Research
 Bruno Benedetti – Paracelsus Medical University, Salzburg
 Rosemarie Granig – Paracelsus Medical University, Salzburg

Program Committee

Sébastien Couillard-Després – Paracelsus Medical University, Salzburg
 Isabella Sarto-Jackson – Konrad Lorenz Institute for Evolution and Cognition Research

General Information

Dates & Venue

Tuesday, September 28th to Thursday, September 30th, 2021
University of Salzburg, Unipark Nonntal
Erzabt-Klotz-Straße 1
5020 Salzburg

Registration

Please note that on-site registration is not available due to COVID-19 restrictions!
Online registration ends on September 19th, 2021.

Fees:

Early bird registration fee, ANA members	EUR	120,-
Early bird registration fee, ANA student members ^(certificate required)	EUR	80,-
Early bird registration fee, non-members	EUR	180,-
Early bird registration fee, student non-members ^(certificate required)	EUR	100,-
Late registration fee, ANA members	EUR	150,-
Late registration fee, ANA student members ^(certificate required)	EUR	100,-
Late registration fee, non-members	EUR	210,-
Late registration fee, student non-members ^(certificate required)	EUR	120,-
Speakers' Dinner, 29 th September 2021	EUR	53,-

Fees include:

- Access to all sessions
- Welcome reception (risotto & beer) at the venue on Tuesday evening
- Delegates' documents (printed program booklet, online abstract book)
- Certificate of attendance (sent electronically after the meeting)
- Free lunch on Wednesday and Thursday
- Free drinks sponsored by Red Bull & Trumer Privatbrauerei
- Coffee breaks
- Exhibition of ANA partner companies

Health & Safety

Please wear your personal badge at all times while at the venue. It is the official entrance pass to scientific sessions as well as evidence that your 3G status was checked upon admission (colored stickers on your badge indicate 3G checks on subsequent days).

IMPORTANT:

If you experience symptoms of COVID-19 while participating in the conference or if your PCR test comes back positive while at the conference or within 5 days after the conference, **please inform us immediately** via the **hotline +43 677 606 404 0380** or via email: office@austrian-neuroscience.at (Petra Scholze and Isabella Sarto-Jackson).

Further information concerning on-site health and safety measures can be found online ([hygiene concept for the ANA Meeting 2021](#)).

Photos & Filming

Please take note that we are obligated – following § 17 Abs. 1 and 2 of the 2nd COVID-19-Opening Regulations – to collect name, email address, and telephone numbers of participants for the purpose of contact tracing if necessary. Data will be stored for 28 days and deleted thereafter.

In order to trace possible chains of infection, recorded material (photos or films) from individual sessions will be used by the Covid-appointed assessors to assess putative contact persons should a COVID-19 case occur. For sessions with seat assignments, electronic registration records will be consulted. In case of a confirmed COVID-19 infection, we will contact all persons seated within a radius of 5 meters of the infected person.

Social Events

Welcome Reception: Risotto & Beer

The welcome reception takes place on Tuesday, September 28th, 20.00 at the venue. Foodtruck RisotTomas provides creamy and tasty risotto; a big thanks to Trumer Brauerei who has sponsored drinks and equipment for the gathering.

Young ANA Get-Together

Young ANA (Chair: Bruno Benedetti) organizes an informal get-together at the famous Stiegl Keller taking place on September 29th, 20.00. Food for registrants is covered by Young ANA, drinks at own expenses. Due to space limitation, advance booking is required.

Speakers' Dinner

Speakers' Dinner will take place on September 29th, 20.00 at the traditional restaurant "Blaue Gans." Dinner is not included in the conference fee and advance booking is required.

Technical Information

WiFi Access

All registered participants can use the Eduroam network of the University of Salzburg for the duration of the conference.

Oral Presentations

Speakers should transfer their presentation (powerpoint file) from a USB key, on to a PC in the lecture rooms before the start of their session. We discourage speakers to use their own laptop computer to avoid delays in the session due to technical glitches. Speakers are asked to check their presentation to ensure that their file is not corrupted.

We kindly ask chairs to be present at least 10 minutes before the start of the session that they will chair.

The maximum duration of keynote lectures is 60 minutes (50' + 10' for questions), of talks in minisymposia 20 minutes (15' + 5' for questions), of contributed talks (oral presentations) 15 minutes (10' + 5' for questions), and speaking time for an individual a poster flash is exactly 1 min. Time slots for special lectures and symposia can be found in the detailed program.

Due to the large number of talks, we ask speakers to strictly keep to the allotted time for their talk and session chairs to be very strict in not allowing speakers to go over the allotted time.

Poster Presentations

The posterboards are suitable for posters of A0 format (1.2m height x 0.9m width). All posters can remain posted throughout the meeting. Presenters should put up their posters on Tuesday morning. Please be present at your poster during the time assigned to your poster.

Materials for fixing posters on the boards will be available on site. Posters should be removed before the end of the meeting. Poster sessions were sponsored by Science Services.

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SERVICES**

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Mikroskopie und
Laborbedarf

Poster Flash

Poster flashes take place immediately before the poster sessions and aim at drawing the audience's attention to subsequent poster presentations. Each poster flash is exactly one minute.

Awards

Competition: Poster Prize / Oral Presentation Prize / Poster Flash Prize

Speakers presenting at the ANA Meeting 2021 (oral contributions, poster presentations, poster flash) will be eligible to enter our competition to win the following prizes:

- 😊 Best Poster Presentations: 5 x Ski goggles from Zeiss or 5 x EUR 100,-
- 😊 Best Oral Presentations: 5 x EUR 100,- (sponsored by the Government of Lower Austria)
- 😊 Best Poster Flash: 3 x book vouchers by Springer (EUR 180,-)

We thank our sponsors for their generous support.



Seeing beyond

For the competitions we use Slido polls (Best Poster, Best Flash, Best Oral presentation). To make the voting objective, we have distributed QR codes of each poll randomly among participants, putting them in the meeting-bags (each QR code can vote for one poll only). Winners of the prizes will be announced in the last session at the final conference day.

In addition, Young ANA offers 3 Picture Prizes of EUR 100,-. Winners are drawn by October 15th, among those who send photos and videos taken at the ANA meeting to office@austrian-neuroscience.at.

Otto Loewi Prize

The awardee of the Otto Loewi Prize, selected by the Otto Loewi Prize jury, will be announced at the Otto Loewi Prize ceremony on Wednesday, September 29th. The prize is generously sponsored by Peter and Traudl Engelhorn Stiftung.



Pioneer in Austrian Neuroscience Award

ANA members were invited to vote for the Pioneer in Austrian Neuroscience Award. The winner elected by ANA members from a short-list of 3 candidates will be announced at the ceremony of the Pioneer in Austrian Neuroscience Award. The ceremony is generously sponsored by Siemens Healthineers.



Travel Grants

ANA provides a total of 28 travel grants for young ANA members who participate in the ANA Meeting 2021. Travel grants were supported by Land Salzburg and the Government of Lower Austria.



Lecture Hall 1		Lecture Hall 2		Foyer & Gallery	
09:15 - 10:15	AMA Board Meeting			09:00 - 12:00	Admission for registered participants
		10:00 - 11:15	VIRTUAL Young ANA Symposium Job Opportunities in Research and Beyond Life-science Karriere Service Chair: Bruno BENEDETTI (Paracelsus Medical University) g+ac: medical engineering, Austrian Institute of Technology, SAN Group, Red Noses, HOOKIPA Pharma		
12:00 - 12:30	Opening Ceremony Welcome-Address Candace Altrif Andrea KLAMBAUER Simone WEISS (IG) Rector Hendrik LEHNER (University of Salzburg) Rector Wolfgang SPERL (Paracelsus Medical University) ANA President Francesco FERRAGUTI (Medical University of Innsbruck)				
12:45 - 13:45	Keynote Lecture Manuel SCHARIS (University of Salzburg) Cognitive and Altered States of Consciousness Chair: Maximilian JOSCH (IST Austria)				Exhibition
14:00 - 15:00	Oral Presentations I Neuronal Networks & Activity Chair: Peter JONVAS (IST Austria)				Exhibition
15:15 - 15:45	Poster Flash I Chair: Ramon TASAN (Medical University of Innsbruck)	15:15 - 16:15	Special Lecture – Theoretical Neuroscience Steven VERMEULEN (CICU, EBRAINS AISBL) Discover EBRAINS Chair: David VANDAELE (IST Austria)		Exhibition
				15:45 - 17:00	Exhibition & Poster Session I Coffee & snacks
17:00 - 18:00	Mini-Symposium Epigenetic Processes in Brain Development & Aging Chair: Simon HIPPEMAYER (IST Austria) Nicolas AMBERG (IST Klosterneuburg) Jerome MERTENS (University of Innsbruck) Valentina CINQUINA (Medical University of Vienna)	17:00 - 18:00	Special Lecture – Advanced Technologies Superresolution Microscopy Chair: Rupert LANZENBERGER (Medical University of Vienna) Johann DANZL (IST Austria) Stephan SIGRIST (Freie Universität Berlin)		Exhibition
18:15 - 18:45	Poster Flash II Chair: Marco TREVEN (Medical University of Vienna; KI)				Exhibition
		18:45 - 19:30	Young ANA Symposium The Real Power of Brain Networks: Community Driven Innovation The Brainstorms Chair: Bruno BENEDETTI (Paracelsus Medical University)	18:45 - 21:00	Exhibition & Poster Session II Risotto & Beer

Lecture Hall 1	Lecture Hall 2	Foyer & Gallery
<p>08.30 - 09.30 Keynote Lecture Luca BONFANTI (University of Turin) The Search for Young Neurons in the Adult Mammalian Brain: History, Twists and Future Perspectives Chair: Sébastien COUILLARD-DESPRES (Paracelsus Medical University)</p>		08.00 - 12.00 Admission for registered participants
<p>09.40 - 10.40 Oral Presentations II Neurological Disorders and Regeneration Chair: Sigmund HUCK (Medical University of Vienna)</p>	<p>Interdisciplinary Symposium Explaining Consciousness? – Searching Common Ground Between Neuroscience and Philosophy Chair: Markus KUNZE (Medical University of Vienna)</p> <p>Thomas BUGNYAR (University of Vienna) Georg LANZENBERGER (Medical University of Vienna) Georg GASSER (University of Augsburg) Daniel WEHINGER (University of Innsbruck) Stephen MÜLLER (University of Salzburg)</p>	Exhibition
<p>11.00 - 12.00 Oral Presentations III Cognition & Behavior Chair: Johannes PASSECKER (Medical University of Innsbruck)</p>		Exhibition
<p>12.00 - 12.30 Poster Flash III Chair: Simone SARTORI (University of Innsbruck)</p>		Exhibition
<p>14.00 - 15.00 Mini-Symposium Ion Channels & Channelopathies Chair: Gerald OBERWÄRTER (Karl Landsteiner University Krems) Xaver KÖNIG (Medical University of Vienna) Petronel TULUC (University of Innsbruck) Yusra EL GHALEB (Medical University of Innsbruck)</p>		12.30 - 14.00 Exhibition & Poster Session III Lunch
<p>15.15 - 16.15 Oral Presentations IV Ion Channels & Neurotransmission Chair: Bernhard FLUCHER (Medical University of Innsbruck)</p>	<p>Mini-Symposium EEG, MEG and fMRI: Hot New Science in Cognitive Neuroscience Chair: Manuel SCHABUS (University of Salzburg) Christopher HOHN & Kerstin HODLWOSER, Pabian SCHMIDT (University of Salzburg) Martin KRONBICHLER (University of Salzburg)</p>	Exhibition
<p>16.40 - 17.00 Pioneer in Austrian Neuroscience Award Awardees will be announced at the ceremony Chair: Francesco FERRAGUTI (Medical University of Innsbruck) Sponsored by Siemens Healthineers</p>		Exhibition
<p>17.00 - 17.30 Otto Loewi Prize Lecture Awardees will be announced at the ceremony Chair: Roman ROMANOV (Medical University of Vienna) Sponsored by Peter & Traudl Engelhorn Stiftung</p>		Exhibition
<p>17.45 - 18.45 Keynote Lecture Vania NAGY (Medical University of Vienna) Deciphering the 'Sulfation Code' of the Brain Extracellular Matrix Chair: Sofia GRADE (IMBA)</p>		Exhibition
	<p>19.00 - 20.00 Public Lecture – Öffentlicher Vortrag (GERMAN) Wolfgang KLIMESCH (University of Salzburg) Gedächtnis, Gehirnschwüngen und Bewusstsein Chair: Isabella SARTO-JACKSON (KIU)</p>	

Lecture Hall 1		Lecture Hall 2		Foyer & Gallery	
		08.30 - 09.30	ANA General Assembly	08.00 - 12.00	Admission for registered participants
09.30 - 10.30	Keynote Lecture Ludwig AIGNER (Paracelsus Medical University) Will We Ever Cure Neurodegenerative Diseases? Chair: Sandra SIEGERT (IST Austria)				Exhibition
10.50 - 11.50	Oral Presentations V Stem Cells & Development Chair: Lora SWEENEY (IST Austria)				Exhibition
12.00 - 12.30	Poster Flash IV Chair: Andreas LIEB (Medical University of Innsbruck)	11.00 - 15.00	Satelliten-Symposium (GERMAN) Elementarpädagogik & Neurowissenschaften Chair: Natascha TASLIMI (NeBO) Manfred SPITZER (University of Ulm) Karin LANDERL (University of Graz) PODIUMSDISKUSSION Martina KÜNSBERG SARE (NEOS) Sibylle HAWMANN (Die Grünen) Karin LANDERL (University of Graz) Natascha TASLIMI (NeBO) Monika UDE (NeBO) Isabella SARTO-JACKSON (KLI) Stigsmund HUCK (Medical University of Vienna) Moderation: Marlene NOWOTNY (Ö1)	12.30 - 14.00	Exhibition Poster Session IV Lunch
14.00 - 15.00	Mini-Symposium Clinical Neuroscience: Epilepsy Chair: Eugen TRINKA (Uniklinikum Salzburg) Märtha FEUCHT (Medical University of Vienna) Eugen TRINKA (Uniklinikum Salzburg) PANELDISCUSSION				Exhibition
15.15 - 15.45	Best Thesis Lecture Simon NIMPF (IMP) Investigating the Neuronal Basis of Magnetoreception in the Pigeon Chair: Johannes PASSECKER (Medical University of Innsbruck)				
15.45 - 16.15	Best Poster, Best Oral Presentation, Best Poster Flash Awards Chair: Bruno BENEDETTI (Paracelsus Medical University)				
16.30	FAREWELL				

Detailed Program

Detailed Program

09.15 – 10.15 **ANA Board Meeting**

LECTURE HALL 1

10.00 – 11.15 **VIRTUAL Young ANA Symposium**
Job opportunities in research and beyond

LECTURE HALL 2

Organizer: life-science Karriere Service

Chair: Bruno Benedetti

Online Discussion: g.tec medical engineering; Austrian Institute of Technology (AIT); SAN Group; Red Noses; HOOKIPA Pharma

12.00 – 12.30 **Opening Ceremony**

LECTURE HALL 1

Landesrätin Andrea KLAMBAUER

Simone WEISS (ITG)

Rector Hendrik LEHNERT (University of Salzburg)

Rector Wolfgang SPERL (Paracelsus Medical University, Salzburg)

ANA President Francesco FERRAGUTI (Medical University of Innsbruck)

12.30 – 12.45 Break

12.45 – 13.45 **Keynote Lecture**
Cognition in altered states of consciousness

LECTURE HALL 1

K-01 Manuel SCHABUS (University of Salzburg)

Chair: Maximilian JÖSCH (Institute of Science and Technology Austria, Klosterneuburg)

13.45 – 14.00 Break

14.00 – 15.00

LECTURE HALL 1

Oral Presentations I

Neural networks & activity

Chair: Peter JONAS (Institute of Science and Technology Austria, Klosterneuburg)

- O-01 **VIP-expressing interneurons in the anterior insular cortex detect salience to promote adaptive behavior**
Arнау RAMOS-PRATS (Medical University of Innsbruck)
- O-02 **Periventricular A14 dopamine neurons entrain the lateral septum for the circadian control of locomotor activity**
Roman ROMANOV (Medical University of Vienna)
- O-03 **Behaviour of medial entorhinal cortex cells during a radial eight arm maze task**
Yosman BAPATDHAR (Institute of Science and Technology Austria, Klosterneuburg)
- O-04 **One appendage – two behaviors**
Ruth GUTJAHR (University of Graz)

15.00 – 15.15 Break

15.15 – 16.15

LECTURE HALL 2

Special Lecture I Theoretical Neuroscience

Discover EBRAINS

- S-01 Steven VERMEULEN (CIIO, EBRAINS AISBL)

Chair: David VANDAEL (Institute of Science and Technology Austria, Klosterneuburg)

15.15 – 15.45

LECTURE HALL 1

Poster Flash I

Chair: Ramon TASAN (Medical University of Innsbruck)

- P-01 **Loss of autism-associated $\alpha_2\delta-3$ affects synaptic protein expression, presynaptic function, and mouse behavior**
Cornelia ABLINGER (Medical University of Innsbruck)
- P-05 **Alteration in the retinal morphology due to a truncation mutation in the *cacna1f* gene**
Matthias GANGLBERGER (University of Innsbruck)
- P-09 **Pentameric ligand-gated ion channels: can you get a hole-in-one?**
Filip KONIUSZEWSKI (Medical University of Vienna)

- P-13 A novel loss-of-function variant in Cav2.1 channel in a patient with spinocerebellar ataxia**
Yuliia V. NIKONISHYNA (University of Innsbruck)
- P-17 Channel-independent membrane expression of individual $\alpha_2\delta$ isoforms**
Ruslan STANIKA (Karl Landsteiner University of Health Sciences, Krems)
- P-21 Decoding adaptive performance**
Mohamed S. AMEEN (University of Salzburg)
- P-25 Neural signatures of contextual learning strategies**
Heloisa S. C. CHIOSSI (Institute of Science and Technology Austria, Klosterneuburg)
- P-29 Co-treatment with aripiprazole and escitalopram reversed the schizophrenia-like behaviour and enhanced the BDNF mRNA expression in adult Sprague-Dawley rats induced by glutathione deficit during early postnatal brain development**
Marta LECH (Polish Academy of Sciences, Kraków)
- P-33 Behavioural characterization of the *Fmr1* knock-out mouse model of Autism Spectrum Disorder (ASD)**
Shirin SHARGHI (QPS Austria GmbH, Grambach; University of Graz)
- P-37 Modulation of microglia function via omega-3 polyunsaturated fatty acids in the context of Alzheimer's disease**
Barbara ALTENDORFER (Paracelsus Medical University, Salzburg)
- P-41 Development of adrenal gland hides the origin of neuroblastoma**
Polina KAMENEVA (Karolinska Institutet, Solna)
- P-45 The anti-asthmatic drug Montelukast improves motor coordination and balance in the Line 61 mouse model of Parkinson's disease**
Katharina STREMPFL (Paracelsus Medical University, Salzburg; QPS Austria GmbH, Grambach)
- P-49 Direct excitatory afferents onto hypothalamic tanycytes control metabolic states**
Marco BENEVENTO (Medical University of Vienna)

- P-53 Parvalbumin-positive GABAergic neurons in the basal forebrain – role for neuropathic pain**
Marie-Luise EDENHOFER (Medical University of Innsbruck)
- P-57 Alterations in basal forebrain-to-medial prefrontal cortex cholinergic signaling in a mouse model of neuropathic pain**
Kai KUMMER (Medical University of Innsbruck)
- P-61 Functional asymmetry of medial habenula output in mice**
Cihan ÖNAL (Institute of Science and Technology Austria, Klosterneuburg)
- P-65 The role of hippocampal cholecystokinin-expressing interneurons in spatial coding**
Damaris K. RANGEL-GUERRERO (Institute of Science and Technology Austria, Klosterneuburg)
- P-69 Acute anesthetic ketamine triggers sexual dimorphic microglia response in the mouse and human cortex**
Alessandro VENTURINO (Institute of Science and Technology Austria, Klosterneuburg)
- P-73 MorphOMICs: a new algorithm to unravel region- and sex-dependent microglia morphological plasticity in health and disease**
Gloria COLOMBO (Institute of Science and Technology Austria, Klosterneuburg)
- P-77 Gemcitabine Ionic Pump (GemIP) brain tumor treatment on the chick embryo chorioallantoic membrane**
Verena HANDL (Medical University of Graz)
- P-81 Spreading of P301S aggregated tau investigated in organotypic mouse brain slice cultures**
Dhwani S. KORDE (Medical University of Innsbruck)
- P-85 Dissecting the hormonally controlled loss of regenerative potential using a cell-based approach**
Alexander W. STOCKINGER (University of Vienna)
- P-89 Linking the moonlight interpreter L-Cry to the circalunar clock in the marine annelid *Platynereis dumerilli***
Aida CORIC (University of Vienna)
- P-93 Onecut transcription factors in the developing hypothalamus**
Maja ZUPANCIC (Medical University of Vienna)

15.45 – 17.00
GALLERY

**Poster Session I &
Coffee Break**

Ion channels & neurotransmission
P-01 | P-05 | P-09 | P-13 | P-17

Cognition & behavior
P-21 | P-25 | P-29 | P-33

Neurological disorders & regeneration
P-37 | P-41 | P-45

Neural networks & activity
P-49 | P-53 | P-57 | P-61 | P-65 | P-69

New methods & disease models
P-73 | P-77 | P-81 | P-85

Stem cells & development
P-89 | P-93

17.00 – 18.00
LECTURE HALL 1

Minisymposium
**Epigenetic processes in brain development
and aging**

Chair: Simon HIPPENMEYER (Institute of Science and Technology Austria,
Klosterneuburg)

**M-01 Distinct and sequential functions of PRC2 in radial glia
lineage progression**

Nicole AMBERG (Institute of Science and Technology, Klosterneuburg)

**M-02 Direct neuronal reprogramming to study aging and
disease**

Jerome MERTENS (University of Innsbruck; Salk Institute for Biological
Studies, La Jolla)

**M-03 Life-long epigenetic programming of cortical architecture
by maternal 'Western' diet during pregnancy**

Valentina CINQUINA (Medical University of Vienna)

17.00 – 18.00

LECTURE HALL 2

Special Lecture I Advanced Technologies
Superresolution microscopy

Chair: Rupert Lanzenberger (Medical University of Vienna)

S-02 Super-resolution optical microscopy for analysing nervous tissue across scales**Johann DANZL** (Institute of Science and Technology Austria, Klosterneuburg)**S-03 Active zone long-term plasticity in behavioural control of *Drosophila*****Stephan SIGRIST** (Freie Universität Berlin)

18.00 – 18.15

Break

18.15 – 18.45

LECTURE HALL 1

Poster Flash II

Chair: Marco TREVEN (Medical University of Vienna; Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg)

P-02 Investigation of $\alpha 4$ -containing GABA_A receptors in the rat brain**Maximilian AUGÉ-STOCK** (Medical University of Vienna)**P-06 Consequences of an autism-associated mutation of $\alpha 2\delta$ -1 on calcium channel trafficking and synapse composition****Sabrin HADDAD** (Medical University of Innsbruck)**P-10 Western blot characterization of a human GABRA4 variant****Georg KRAMER** (Medical University of Vienna)**P-14 Structural determinants for channel gating and excitation contraction coupling in CaV1.1****Simone PELIZZARI** (Medical University of Innsbruck)**P-18 HIF-1 α induces Cav3.2 and paves the way for post-ischemic epileptogenesis****Anna TRÖSCHER** (University of Bonn Medical Center; Kepler University Linz)**P-22 Drifting memories: spontaneous long-term evolution of memory representations in the hippocampus****Lars BOLLMANN** (Institute of Science and Technology Austria, Klosterneuburg)

- P-26 Role of the VIP/VPAC receptor system in the regulation of stress and anxiety reactions in the rodent brain**
Federico FERRO (University of Innsbruck)
- P-30 Correlation between progesterone and word recall in a list-method forgetting paradigm in pregnant women**
Lisa Marie MAYER (University of Salzburg)
- P-34 Can predictive processing account for the spectrum of stereotyped repetitive behaviours in Parkinson's disease?**
Marco TREVEN (Medical University of Vienna; Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg)
- P-38 Understanding the role of platelets in Alzheimer's disease**
Diana M. BESSA DE SOUSA (Paracelsus Medical University, Salzburg)
- P-42 Activation of macrophages DRG (Dorsal Root Ganglion) in Fabry disease**
Jeiny LUNA-CHOCONTA (Medical University of Innsbruck)
- P-46 Transcriptomic characterization of brain CD8+ T-cells identifies gene signature of tissue-resident memory T-cells in Alzheimer's disease transgenic mice**
Michael S. UNGER (Paracelsus Medical University, Salzburg)
- P-50 Fast and slow – precision tuning of spinal locomotor networks**
Maximilan S. BOTHE (University of Graz)
- P-54 Retinal adaptation to natural luminance and contrast statistics**
Divyansh GUPTA (Institute of Science and Technology Austria, Klosterneuburg)
- P-58 Neuroinflammation in pain affective disturbances: role of the parabrachial nucleus**
Valeria MUSSETTO (Medical University of Vienna)
- P-62 Electrical synapses improve motion extraction in a natural visual environment**
Victoria POKUSAEVA (Institute of Science and Technology Austria, Klosterneuburg)
- P-66 Visualising priority maps: attentional modulation of neuronal population dynamics in the superior colliculus**
Florian H. SCHMIDT (Institute of Science and Technology Austria, Klosterneuburg)

- P-70 Cell-specific synaptic wiring within the hippocampal CA3 network**
Jake WATSON (Institute of Science and Technology Austria, Klosterneuburg)
- P-74 Plasma, brain and spinal cord pharmacokinetic profile of tetrahydrocannabinol from cannabis sativa extract or THC administration**
Cristiana DUMBRAVEANU (Medical University of Innsbruck; Bionorica research GmbH, Innsbruck)
- P-78 Generation of a human neuronal *in vitro* model for Rett Syndrome by non-viral expression of lineage factors**
Anna M. HUBER (Medical University of Vienna; University of Vienna)
- P-82 A fibrous nature of hydrogels causes directed migration in Schwann cells**
Flavia MILLESI (Medical University of Vienna; Austrian Cluster for Tissue Regeneration, Vienna)
- P-86 Modeling α -synuclein spreading in whole brain sagittal organotypic slices**
Buket UÇAR (Medical University of Innsbruck)
- P-90 Exploring a novel model of neurogenic plasticity as a function of endogenous timing mechanisms**
Nadja MILIVOJEV (University of Vienna)
- P-94 Long and short RNA transcriptomics giving insight into human iPSC-derived sensory neuron development**
Maximilian ZEIDLER (Medical University of Innsbruck)

18.45 – 21.00

GALLERY

**Poster Session II &
Welcome Reception: Risotto & Beer**

Ion channels & neurotransmission

P-02 | P-06 | P-10 | P-14 | P-18

Cognition & behavior

P-22 | P-26 | P-30 | P-34

Neurological disorders & regeneration

P-38 | P-42 | P-46

Neural networks & activity

P-50 | P-54 | P-58 | P-62 | P-66 | P-70

New methods & disease models

P-74 | P-78 | P-82 | P-86

Stem cells & development

P-90 | P-94

18.45 – 19.35

LECTURE HALL 2

**Young ANA Symposium
The real power of brain networks:
community driven innovation**

S-04 The Brainstorms

Chair: Bruno Benedetti (Paracelsus Medical University, Salzburg)

08.30 – 09.30

LECTURE HALL 1

Keynote Lecture**The search for young neurons in the adult mammalian brain: history, twists and future perspectives**

K-02 Luca BONFANTI (University of Turin)

Chair: Sébastien COUILLARD-DESPRÉS (Paracelsus Medical University, Salzburg)

09.40 – 10.40

LECTURE HALL 1

Oral Presentations II**Neurological disorders & regeneration**

Chair: Sigismund HUCK (Medical University of Vienna)

O-05 **Spinal cord injury affects HCN channels activation and intrinsic excitability of cortical motor neurons**

Bruno BENEDETTI (Paracelsus Medical University, Salzburg)

O-06 **The role of enkephalin in hypoxic preconditioning**

Lisa BERGMEISTER (Medical University of Innsbruck)

O-07 **gp130 induces TRPA1 upregulation in uninjured neurons in a mouse model for neuropathic pain**

Theodora KALPACHIDOU (Medical University of Innsbruck)

O-08 **Intralesional administration of extracellular vesicles improves functional recovery in a rat model of traumatic spinal cord injury**

Lara BIELER (Paracelsus Medical University, Salzburg)

10.40 – 11.00 Coffee Break

09.50 – 12.10

LECTURE HALL 2

Interdisciplinary Symposium**Explaining consciousness? -**S-05 **Searching common ground between neuroscience and philosophy**

Chair: Markus KUNZE (Medical University of Vienna); Isabella SARTO-JACKSON (Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg)

Georg GASSER (University of Augsburg)

Thomas BUGNYAR (University of Vienna)

Rupert LANZENBERGER (Medical University of Vienna)

Stephen MÜLLER (University of Salzburg)

Daniel WEHINGER (University of Innsbruck)

11.00 – 12.00

LECTURE HALL 1

Oral Presentations III

Cognition & behavior

Chair: Johannes PASSECKER (Medical University of Innsbruck)

- O-09 **Histamine 3 receptor deletion reduces aggression and alters neuronal activation in zebrafish**
Florian REICHMANN (Medical University of Graz; University of Leicester)
- O-10 **Exploring the role of Neurokinin B neurons of bed nucleus of the stria terminalis in emotional and metabolic processing**
Pradeepa MOHAN BETHURAJ (Medical University of Innsbruck)
- O-11 **Serotonergic modulation of an associative relearning network**
Murray Bruce REED (Medical University of Vienna)
- O-12 **Role of anterior insula cortex in context-induced relapse of nicotine seeking**
Hussein GHAREH (Medical University of Innsbruck)

12.00 – 12.30

LECTURE HALL 1

Poster Flash III

Chair: Simone SARTORI (University of Innsbruck)

- P-03 **Selective targeting of $\alpha 6$ -containing GABA_A receptors**
Rebecca BAUER (Medical University of Vienna)
- P-07 **Establishment of a gene therapeutic approach for Cav1.4 voltage-gated calcium channel knock-out and truncation mutant mice**
Thomas HEIGL (University of Innsbruck)
- P-11 **Topological comparison of mRNA expression patterns with receptor distributions in the human cerebral cortex**
Matej MURGAS (Medical University of Vienna)
- P-15 **A novel Ca channel $\beta 2$ splice variant is predominant in the retina**
Hartwig SEITTER (University of Innsbruck)
- P-19 **STAC proteins inhibit calcium and voltage dependent inactivation in L-type calcium channels**
Wietske TUIENTE (Medical University of Innsbruck)

- P-23 Innate sensorimotor processing deficits across mouse models of autism**
Laura E. BURNETT (Institute of Science and Technology Austria, Klosterneuburg)
- P-27 Secretagoin marks amygdaloid PKC δ interneurons and modulates NMDA receptor availability**
Zsófia HEVESI (Medical University of Vienna; Hungarian Academy of Sciences, Budapest; Semmelweis University, Budapest)
- P-31 Dopamine drives extinction-promoting effects in deficient fear extinction**
Simone SARTORI (University of Innsbruck)
- P-35 Silk fibroin-based conduits filled with native spider silk fibers successfully promoted nerve regeneration in a 10 mm sciatic nerve defect in rats**
Lorenz SEMMLER (Medical University of Vienna; Austrian Cluster for Tissue Regeneration, Vienna)
- P-39 Alterations of the leukotriene signaling pathway in aged and cognitively impaired rats**
Jennifer FORSTER (Paracelsus Medical University, Salzburg; University of Salzburg)
- P-43 The effect of low-energy extracorporeal shockwave treatment on the functional, morphological and molecular level in sub-acute and chronic phases of traumatic SCI**
Alexander RÜHRNÖSSL (Ludwig Boltzmann Institute for Experimental and Clinical Traumatology in AUVA Research Center, Vienna)
- P-47 Insights into the development of a brain implant for local chemotherapy**
Linda WALDHERR (Medical University of Graz)
- P-51 Sex-dependent brain activity to anaesthetic ketamine exposure in mouse primary visual cortex**
Ryan John A. CUBERO (Institute of Science and Technology Austria, Klosterneuburg)
- P-55 Spinal locomotor circuits and their functionality in *Xenopus laevis***
Mara Jean JULSETH (Institute of Science and Technology Austria, Klosterneuburg)

- P-59 Medial entorhinal cortex integrates hippocampal offline inputs into independent, persistent memory representations**
Michele NARDIN (Institute of Science and Technology Austria, Klosterneuburg)
- P-63 The role of hippocampal VIP-expressing interneurons in the pathophysiology of temporal lobe epilepsy**
Sadegh RAHIMI (Medical University of Innsbruck)
- P-67 Spontaneous intrinsic spatiotemporal dynamics in superior colliculus**
Anton SUMSER (Institute of Science and Technology Austria, Klosterneuburg)
- P-71 Does the kappa-opioid receptor derived DREADD have a therapeutical potential in temporal lobe epilepsy?**
Melanie WIDMANN (Medical University of Innsbruck)
- P-75 Maternal high-fat diet during pregnancy and lactation provokes epigenetic modifications in the offspring brain**
Kinga GAWLINSKA (Maj Institute of Pharmacology Polish Academy of Sciences, Kraków)
- P-79 Long-term intranasal application of alarin is safe with no effects on food intake and body weight**
Sara HUBER (Paracelsus Medical University, Salzburg)
- P-83 The influence of Cox-1 on microglia reactivity after optic nerve crush**
Florianne SCHOOT UITERKAMP (Institute of Science and Technology Austria, Klosterneuburg)
- P-87 Improved grid-glued method of freeze-fracture replica labeling for molecular and structural identification of neuronal profiles**
Pradeep BHANDARI (Institute of Science and Technology Austria, Klosterneuburg)
- P-91 Molecular design of hypothalamus development**
Evgenii O. TRETIAKOV (Medical University of Vienna)
- P-95 Modeling rare neurodevelopmental disorders using human iPSC-derived neurons**
Venkat Swaroop ACHUTA (Medical University of Vienna; Ludwig Boltzmann Institute for Rare and Undiagnosed Diseases, Vienna; Austrian Academy of Sciences, Vienna)

12.30 – 14.00 **Poster Session III &**
GALLERY Lunch

Ion channels & neurotransmission
P-03 | P-07 | P-11 | P-15 | P-19

Cognition & behavior
P-23 | P-27 | P-31

Neurological disorders & regeneration
P-35 | P-39 | P-43 | P-47

Neural networks & activity
P-51 | P-55 | P-59 | P-63 | P-67 | P-71

New methods & disease models
P-75 | P-79 | P-83 | P-87

Stem cells & development
P-91 | P-95

14.00 – 15.00 **Minisymposium**
LECTURE HALL 1 Ion channels & channelopathies

Chair: Gerald OBERMAIR (Karl Landsteiner University Krems)

M-04 **Ion channel defects in the dystrophic heart**
Xaver KÖNIG (Medical University of Vienna)

M-05 **Deletion of $\alpha 2\delta$ -1 calcium channel subunit reduces Ca²⁺ influx and alters electrical excitability of catecholamine-secreting mouse chromaffin cells**
Petronel TULUC (University of Innsbruck)

M-06 **CACNA1I gain-of-function mutations differentially affect channel gating and cause neurodevelopmental disorders**
Yousra EL GHALEB (Medical University of Innsbruck)

14.00 – 15.00

LECTURE HALL 2

Minisymposium

EEG, MEG, and fMRI: hot new science in Cognitive Neuroscience

Chair: Manuel SCHABUS (University of Salzburg)

- M-07 **The impact of smartphone use and short-wavelength light during the evening on circadian rhythm, sleep and alertness**
Christopher HÖHN (University of Salzburg)
- M-08 **Neural speech tracking shifts from the syllabic to the modulation rate of speech as intelligibility decreases**
Fabian SCHMIDT (University of Salzburg)
- M-09 **The role of the occipitotemporal cortex in normal and impaired readings**
Martin KRONBICHLER (University of Salzburg; Paracelsus Medical University, Salzburg)

15.00 – 15.15 Break

15.15 – 16.15

LECTURE HALL 1

Oral Presentations IV

Ion channels & neurotransmission

Chair: Bernhard FLUCHER (Medical University of Innsbruck)

- O-13 **Presynaptic GABA_B receptors induce phasic neurotransmitter release from medial habenula terminals**
Peter KOPPENSTEINER (Institute of Science and Technology Austria, Klosterneuburg)
- O-14 **Interactions of tricyclic antipsychotic and antidepressant medications with a novel binding site in GABA_A receptors**
Konstantina BAMPALI (Medical University of Vienna)
- O-15 **Collaborative roles of calcium channel CaV1.1 and β -catenin in neuromuscular synaptogenesis**
Mehmet M. KAPLAN (Medical University of Innsbruck)
- O-16 **Biophysical and pharmacological characterisation of de novo CACNA1D mutations associated with a severe neurodevelopment disorder**
Ferenc TÖRÖK (University of Innsbruck)

16.15 – 16.40 Coffee Break

16.40 – 17.00 **Pioneer in Austrian Neuroscience Award**
Awardee will be announced at the ceremony

LECTURE HALL 1

Chair: Francesco FERRAGUTI (Medical University of Innsbruck)

Sponsored by Siemens Healthineers

17.00 – 17.30 **Otto Loewi Prize Lecture**
Awardee will be announced at the ceremony

LECTURE HALL 1

Chair: Roman ROMANOV (Medical University of Vienna)

Sponsored by Peter und Traudl Engelhorn Stiftung

17.30 – 17.45 Break

17.45 – 18.45 **Keynote Lecture**
Deciphering the ‘sulfation code’ of the brain
extracellular matrix

LECTURE HALL 1

K-03 Vanja NAGY (Ludwig Boltzmann Institute for Rare and Undiagnosed Diseases (LBI-RUD); Research Centre for Molecular Medicine (CeMM) of the Austrian Academy of Sciences, Vienna; Medical University of Vienna)

Chair: Sofia GRADE (Institute of Molecular Biotechnology (IMBA) of the Austrian Academy of Science, Vienna)

19.00 – 20.00 **Public Lecture | Öffentlicher Vortrag**
GERMAN
Kognitive Neurowissenschaften: Gedächtnis,
Gehirnswingungen und Bewusstsein

LECTURE HALL 2

K-04 Wolfgang KLIMESCH (University of Salzburg)

Chair: Isabella SARTO-JACKSON (Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg)

08.30 – 09.30 **ANA General Assembly**

LECTURE HALL 2

09.30 – 10.30 **Keynote Lecture**

LECTURE HALL 1

Will we ever cure neurodegenerative diseases?

K-05 Ludwig AIGNER (Paracelsus Medical University, Salzburg)

Chair: Sandra SIEGERT (Institute of Science and Technology Austria, Klosterneuburg)

10.30 – 10.50 Coffee Break

10.50 – 11.50 **Oral Presentations V**

LECTURE HALL 1

Stem cells & development

Chair: Lora SWEENEY (Institute of Science and Technology Austria, Klosterneuburg)

O-17 Mapping the macroscopic evolution of the neocortex in primates, rodents and related species – implications in ecology and behavior

Ernst SCHWARTZ (Medical University of Vienna)

O-18 Molecular characterization of non-cephalic sensory cells reveals a function of rhabdomeric Opsin in light modulation of mechanosensory neurons

Florian RAIBLE (University of Vienna)

O-19 Wnt/beta-catenin signalling is dispensable for adult neural stem cell homeostasis and activation

Noelia URBÁN (Institute of Molecular Biotechnology of the Austrian Academy of Sciences (IMBA), Vienna)

O-20 Mechanisms of neuronal maturation in the adult and aging brain

Maximilian REISINGER (Paracelsus Medical University, Salzburg; Austrian Cluster for Tissue Regeneration, Vienna)

11.00 – 15.00

LECTURE HALL 2

Satelliten-Symposium**Elementarpädagogik & Neurowissenschaften**

GERMAN

Chair: Natascha TASLIMI (Netzwerk elementare Bildung Österreich (NeBÖ));
Isabella SARTO-JACKSON (Konrad Lorenz Institute for Evolution and Cognition
Research, Klosterneuburg)

S-06 Entwicklungsneurobiologie und Elementarpädagogik:**Was wir wissen und was daraus folgt**

Manfred SPITZER (University of Ulm)

S-07 Der Übergang vom Kindergarten in die Volksschule aus Perspektive der neurokognitiven Entwicklungspsychologie

Karin LANDERL (University of Graz)

PODIUMSDISKUSSION

Martina KÜNSBERG SARRE (NEOS)

Sibylle HAMANN (Die Grünen)

Karin LANDERL (University of Graz)

Natascha TASLIMI (Netzwerk elementare Bildung Österreich (NeBÖ))

Monika UDE (Netzwerk elementare Bildung Österreich (NeBÖ))

Isabella SARTO-JACKSON (Konrad Lorenz Institute for Evolution and Cognition
Research, Klosterneuburg)

Sigismund HUCK (Medical University of Vienna)

12.00 – 12.30

LECTURE HALL 1

Poster Flash IV

Chair: Andreas LIEB (Medical University of Innsbruck)

P-04 Visualization of nanoscale phosphoinositide distribution on neuronal cell membranes

Kohgaku EGUCHI (Institute of Science and Technology Austria, Klosterneuburg)

P-08 Biochemical characterization of voltage-gated calcium channel $\alpha 1$ - $\alpha 2\delta$ subunit interactions

Manuel HESSENBERGER (Karl Landsteiner University of Health Sciences, Krams)

P-12 Enantioselective drug-binding kinetics shape the psychostimulant effect of dopamine transporter inhibitors

Marco NIELLO (Medical University of Vienna)

- P-16 Impact of partially duplicated $\alpha 7$ subunits on $\alpha 7$ nicotinic acetylcholine receptor function in human iPSC-derived neurons**
Gökce Ilayda SÖZTEKIN (Medical University of Vienna)
- P-20 Acetaldehyde blocks the activation of BK channels by the ethanol metabolite acetate in GH3 cells**
Thomas M. WEIGER (University of Salzburg)
- P-24 A predictive processing framework for single arm use in octopuses**
Sidney CARLS-DIAMANTE (University of Konstanz)
- P-28 Gender-affirming hormone therapy for transgender people makes sexual arousal in the ventral striatum more gender-congruent for lesbian scenes**
Manfred KLÖBL (Medical University of Vienna)
- P-32 Dynamic and state-dependent switching of behaviour in response to competing visual stimuli in *Drosophila***
Roshan Kumar SATAPATHY (Institute of Science and Technology Austria, Klosterneuburg)
- P-36 A rodent lumbosacral spinal cord injury model reflecting neurological and urological deficits of humans**
Behnaz AFRASHEH (Paracelsus Medical University, Salzburg)
- P-40 Galanin receptors 2 and 3 modulate the inflammatory response following experimental traumatic brain injury**
Stefanie GAISBAUER (Paracelsus Medical University, Salzburg)
- P-44 MRI findings in atypical presentation of fibrous meningioma**
Antonio Gomes LIMA JUNIOR (Mount Sinai Hospital, New York)
- P-48 Unravelling the role of spinal astrocytes in nociception and pain**
Sibel ADA (Medical University of Vienna)
- P-52 Ca^{2+} -mediated adaptation of neuronal metabolism to neuronal electrical activity**
Ankit DHOUNDIYAL (Medical University of Vienna)

- P-56 NMDA receptor subunit GluN2B c-terminus orchestrates hippocampal left-right asymmetry**
David KLEINDIENST (Institute of Science and Technology Austria, Klosterneuburg)
- P-60 Presynaptic modulation by cAMP-PKA pathway at hippocampal mossy fiber synapses**
Yuji OKAMOTO (Institute of Science and Technology Austria, Klosterneuburg)
- P-64 Ponto-genicular waves dynamics in the sleeping rat brain**
Juan F. RAMIREZ-VILLEGAS (Institute of Science and Technology Austria, Klosterneuburg)
- P-68 Anti-aversive drugs modulate inputs to the lateral parabrachial nucleus**
Hannah Luise TEUCHMANN (Medical University of Vienna)
- P-72 Using *Xenopus* to define tetrapod motor circuit cell types across evolution**
Lora B. SWEENEY (Institute of Science and Technology Austria, Klosterneuburg)
- P-76 Effect of modified maternal diets on expression of autism spectrum disorder-related genes in the offspring limbic areas**
Dawid GAWLINSKI (Maj Institute of Pharmacology Polish Academy of Sciences, Kraków)
- P-80 Dipeptide repeat protein toxicity and its contribution to DNA damage, nucleolar stress and heterochromatin dysregulation in ALS patients with underlying C9orf72 repeat expansions**
Sophie IMHOF (Medical University of Vienna)
- P-84 Using synthetic biology to dissect G protein-coupled receptor signaling in microglia**
Rouven SCHULZ (Institute of Science and Technology Austria, Klosterneuburg)
- P-88 Developmental regulation of coupling between presynaptic Ca²⁺ channels and release sensors at basket cell–Purkinje cell synapses in cerebellum**
Jingjing CHEN (Institute of Science and Technology Austria, Klosterneuburg)
- P-92 Two light sensors decode moonlight versus sunlight to adjust a plastic circadian clock to moon phase**
Martin ZURL (University of Vienna)

12.30 – 14.00 **Poster Session IV &**
GALLERY Lunch

Ion channels & neurotransmission
P-04 | P-08 | P-12 | P-16 | P-20

Cognition & behavior
P-24 | P-28 | P-32

Neurological disorders & regeneration
P-36 | P-40 | P-44

Neural networks & activity
P-48 | P-52 | P-56 | P-60 | P-64 | P-68 | P-72

New methods & disease models
P-76 | P-80 | P-84

Stem cells & development
P-88 | P-92

14.00 – 15.00 **Minisymposium**
LECTURE HALL 1 **Clinical neuroscience: epilepsy**

Chair: Eugen TRINKA (Uniklinikum Salzburg)

M-10 **Tuberous sclerosis complex (TSC) as disease model for investigating mTOR-related epileptogenesis – identification of potential new targets of therapy**
Martha FEUCHT (Medical University of Vienna)

M-11 **Clinical antiepileptogenesis trials – time for translation?**
Eugen TRINKA (Uniklinikum Salzburg)

PANEL DISCUSSION

15.00 – 15.15 Break

15.15 – 15.45

LECTURE HALL 1

Best Thesis Lecture**Investigating the neuronal basis of magnetoreception in the pigeon**

S-08 Simon NIMPF (Research Institute of Molecular Pathology (IMP), Vienna)
Chair: Johannes PASSECKER (Medical University of Innsbruck)

15.45 – 16.15

LECTURE HALL 1

Award Ceremony

Chair: Bruno BENEDETTI (Paracelsus Medical University, Salzburg)

Best Poster Awards

Best Oral Presentation Prizes

Best Poster Flash Prizes

16.15 – 16.30

LECTURE HALL 1

Acknowledgments & Farewell

Sébastien COUILLARD-DESPRÉS (Paracelsus Medical University, Salzburg)
Isabella SARTO-JACKSON (Konrad Lorenz Institute for Evolution and Cognition Research, Klosterneuburg)

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Seeing beyond



The Brainstorms



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Notes

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