

IPSA 2024 Glasgow 2024 April 26-28

The 8th Congress of the International Pediatric Sleep Association



ipsa
international pediatric sleep association
pedsleep.org



Scientific
Program

Slenyto® is the only pharmacotherapy that is approved for the treatment of insomnia in children with ASD and/or SMS

By mimicking the endogenous melatonin secretion pattern¹, only Slenyto® is clinically proven to improve:

- Daytime behaviour^{2,3}
- All main sleep parameters (sleep onset, maintenance and total sleep time)^{4,5}
- Parental well-being⁵



SLENYTO® PROLONGED-RELEASE TABLETS 1mg and 5mg

PRESCRIBING INFORMATION: Please refer to Summary of Product Characteristics (SmPC) before prescribing. **ACTIVE INGREDIENT:** Melatonin 1mg or 5mg. **INDICATIONS:** Insomnia in children and adolescents aged 2-18 years with Autism Spectrum Disorder and / or Smith-Magenis syndrome, where sleep hygiene measures have been insufficient. **DOSAGE AND ADMINISTRATION: Dose titration:** Recommended starting dose is 2mg once daily. If an inadequate response is observed, increase the dose to 5mg, with a maximal dose of 10mg. Data are available for up to two years treatment. Monitor at regular intervals (at least every 6 months) to check that Slenyto is still the most appropriate treatment. After at least 3 months, evaluate treatment effect and consider stopping if no clinically relevant treatment effect is observed. If a lower treatment effect is seen after titration to a higher dose, consider a down-titration to a lower dose before deciding on a complete discontinuation of treatment. **Administration:** Once daily 0.5-1 hour before bedtime with or after food. Swallow whole, do not crush, break or chew. To facilitate swallowing, tablets may be put into food such as yoghurt, orange juice or ice-cream and then taken immediately. **CONTRAINDICATIONS:** Hypersensitivity to the active substance or to any of the excipients. **SPECIAL WARNINGS AND PRECAUTIONS:** Use caution in patients with renal insufficiency. Not recommended in patients with hepatic impairment. Children under 2 years: not recommended. Slenyto may cause drowsiness, therefore use with caution if the effects of drowsiness are likely to be associated with a risk to safety. Not recommended in patients with autoimmune disease. Patients with rare hereditary problems of galactose intolerance, total lactase deficiency or glucose-galactose malabsorption should not take this medicine. **INTERACTIONS:** Concomitant use with fluvoxamine, alcohol, thioridazine, imipramine, benzodiazepines and non-benzodiazepine hypnotics should be avoided. Use caution with 5- or 8-methoxyproporalen, cimetidine, oestrogens, CYP1A2 inhibitors, CYP1A2 inducers, NSAIDs, beta-blockers and with smoking. **FERTILITY, PREGNANCY, LACTATION:** Avoid use of melatonin during pregnancy. Consider discontinuation of breastfeeding or discontinuation of melatonin therapy taking account of the benefit of breastfeeding for the child and the benefit of therapy for the woman. No known effects on fertility. **DRIVING:** Melatonin has a moderate influence on the ability to drive and use machines. **UNDESIRABLE EFFECTS: Very common:** None. **Common:** Mood swings, aggression, irritability, somnolence, headache, sudden onset of sleep, sinusitis, fatigue, hangover. Consult SmPC in relation to other adverse reactions. **PHARMACEUTICAL PRECAUTIONS:** Do not store above 30°C. **LEGAL CATEGORY:** POM.

MARKETING AUTHORISATION HOLDER: RAD Neurim Pharmaceuticals EEC SARL, 4 rue de Marivaux, 75002 Paris, France. Marketed in the UK by Flynn Pharma Limited, Hertlands House, Primett Road, Stevenage, Herts, SG1 3EE, Tel: 01438 727822, E-mail: medinfo@flynnpharma.com.

| Product | NHS List Price | Pack Size | Marketing Authorisation Number |
|-------------|----------------|------------|-------------------------------------|
| Slenyto 1mg | £ 41.20 | 60 tablets | PLGB 52348/0003 EU/1/18/1318/001 |
| Slenyto 5mg | £ 103.00 | 30 tablets | PLGB 52348/0004 EU/1/18/1318/003 |

Adverse events should be reported. Reporting forms and information can be found at <https://yellowcard.mhra.gov.uk/>. Adverse events should also be reported to RAD Neurim Pharmaceuticals EEC Limited Medical Information e-mail: regulatory@neurim.com

DATE OF REVISION OF PRESCRIBING INFORMATION: June 2021

References:

1. Zisapel N. "New perspectives on the role of melatonin in human sleep, circadian rhythms and their regulation." Br J Pharmacol. 2018;175(16):3190-9.
2. Schroder, C. M. et al. "Pediatric prolonged-release melatonin for insomnia in children and adolescents with autism spectrum disorders." Expert Opin Pharmacother. 2021;22(18):2445-2454.
3. Slenyto SmPC (Accessed February 2024).
4. Gringras, P. et al., "Efficacy and safety of pediatric prolonged-release melatonin for insomnia in children with autism spectrum disorder." J Am Acad Child Adolesc Psychiatry. 2017. 56(11): p. 948-957.e4.
5. Maras A, et al. "Long-term efficacy and safety of pediatric prolonged-release melatonin for insomnia in children with autism spectrum disorder". J Child Adolesc Psychopharmacol. 2018;28(10):699-710.

Welcome to Glasgow!

Dear Colleagues,

I am delighted to welcome you to Glasgow, Scotland for IPSA 2024, our 8th congress.

Remarkably, this is our first in-person meeting since 2018! Although our 2020 and 2022 online congresses were very successful, there is no substitute for meeting old and new colleagues over tea, coffee or wine!

The program for IPSA 2024 Glasgow will take full advantage of our time together. We have an incredibly high standard of content for you including six courses, two keynotes, 18 symposia, and over 100 abstracts that will fill our scientific program to the brim.

Socially we are thrilled that the city of Glasgow has shown us wonderful hospitality by welcoming us to the Glasgow City Chambers for our Opening Ceremony, and our Saturday-night dinner will take place in another historic building near the congress venue. I hope you can join us on both occasions!

IPSA 2024 Glasgow is possible only through the work of our program committee volunteers, the hospitality of our hosts at the British Pediatric Sleep Society, and foremost the IPSA members and others who decide to share their work at IPSA 2024. On behalf of IPSA and the 2024 program committee, I offer sincere gratitude to all involved and look forward to meeting you all in Glasgow.

Sincerely,



Prof Paul Gringras, MD
President, International Pediatric Sleep Association

IPSA 2024 Program Committee



Sheila Javadpour (Ireland) | **Co-chair**
Children's Health Ireland



Monica Ordway (United States) | **Co-chair**
Yale School of Nursing



Kate Chan (Hong Kong)
The Chinese University of Hong Kong



Paul Gringras (United Kingdom)
Kings College London



Cathy Hill (United Kingdom)
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Rosemary Horne (Australia)
Monash University



Osman Ipsiroglu (Canada)
BC Children's Hospital



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Stavanger University Hospital



Magda Lahorgue Nunes (Brazil)
Pontifical Catholic University of Rio Grande do Sul



Narong Simakajornboon (United States)
Cincinnati Children's Hospital Medical Center



Karen Spruyt (France)
Université Paris Cité, INSERM

About IPSA

The International Pediatric Sleep Association (IPSA) operates exclusively for scientific and educational purposes pertaining to pediatric sleep research.

Mission

The mission of IPSA is to promote research in all areas of sleep in infants, children, and adolescents; educate health care providers on pediatric sleep; and raise awareness of pediatric sleep among patients and the public.

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Narong Simakajornboon (United States)

Barbara G Stražičar (Slovenia)

Guanghai Wang (China)

GLASGOW CONVENTION BUREAU

Glasgow City Council

The Glasgow City Council has strongly supported IPSA 2024 Glasgow from

the start. IPSA sincerely thanks the Glasgow City Council for their hospitality and support, and we encourage you to take some time to experience the city while here for IPSA 2024.

IPSA 2024 Local Organizing Committee

Heather Elphick (United Kingdom)

Hazel Evans (United Kingdom)

Neil Gibson (United Kingdom)

Hui-leng Tan (United Kingdom)

What's Inside

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General Information

Meeting Location

Technology and Innovation Centre,
University of Strathclyde
99 George Street
Glasgow, G1 1RD, UK

Registration

Badges, final programs, and tickets will be provided at the registration desk.

Base registration includes access to the main scientific program, including keynotes, symposia, oral and poster abstracts, and the debate sessions. The exhibit hall is also open to all registered attendees.

The Course Add-on ticket is required for access to the morning and afternoon courses on Friday, April 26. This one ticket grants access to all Friday courses.

Registration is available at pedsleep.org. On-site registration will also be available.

Registration Desk Hours

Friday, April 26: 8:00am - 6:00pm
Saturday, April 27: 7:30am - 5:00pm
Sunday, April 28: 7:30am - 5:00pm

Exhibition Hours

Saturday, April 27: 9:00am - 5:00pm
Sunday, April 28: 9:00am - 4:00pm

Presentation Slides

All speakers can upload their presentation slides at the registration desk or through an online form. The online form will open three weeks before the congress, and speakers are encouraged to upload their slides as soon as the final version is complete.

Slides must be uploaded at least one day before your scheduled presentation. Your uploaded slides will then be available on the appropriate computer for each presentation's session and room. Please arrive to your session five minutes before the start time, allowing for time to ready your upcoming presentation.

Certificates of Attendance

Certificates of attendance will be sent to all individuals who check in at the registration desk and receive a badge. You should receive the certificate in .pdf format to the email that you use to register. If you require assistance, please contact info@pedsleep.org.

Continuing Medical Education (CME)

The AAFP has reviewed IPSA 2024 Glasgow and deemed it acceptable for up to 16.75 Live AAFP Prescribed credit(s). Term of Approval is from 04/26/2024 to 04/28/2024. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP Prescribed credit is accepted by the American Medical Association as equivalent to AMA PRA Category 1 credit(s)TM toward the AMA Physician's Recognition Award. When applying for the AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1.

A \$25 CME processing fee will be required and is payable at the registration desk or online at pedsleep.org.

Policies

Badge Identification

All congress participants and guests must wear an IPSA 2024 congress badge. Replacement badges can be obtained at the registration desk for a fee.

No Recording

No audio or video recording of scientific presentations is allowed. Violation may result in removal from the congress.

Silent Devices

Please ensure cell phones and other devices are turned to "silent" mode while in session rooms.

Seating

Sessions are filled on a first-come-first-serve basis. Attendees are encouraged to arrive to sessions early for preferred seating.

Social Events



Opening Ceremony

7:00pm - 8:30pm | Friday, April 26
City Chambers
George Square
Glasgow

The Opening Ceremony will take place the evening of Friday, April 26 at the City Chambers of Glasgow. Located on George Square and just a few blocks from the congress venue, the City Chambers is the headquarters of Glasgow's City Council and Lord Provost, its civic leadership. The City Chambers is also a Category A listed building, demonstrating its significance within Scottish national history and making it a premier location for the Opening Ceremony.



The Lord Provost of the City of Glasgow will be offering a welcome and a Civic Reception for our delegates. We thank the Lord Provost and the Glasgow City Council for their warm hospitality!



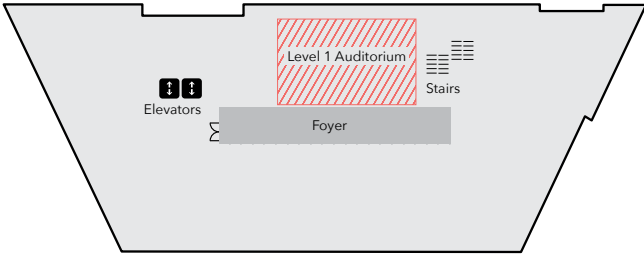
Gala Dinner

6:30pm - 12:00am | Saturday, April 27
Citation Glasgow
40 Wilson Street
Glasgow

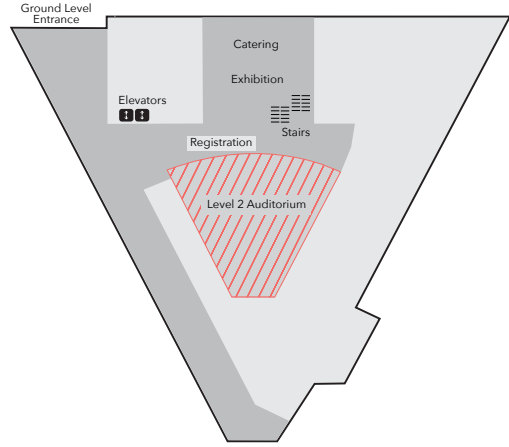
Ticket price: US\$70

The gala dinner will take place at Citation, a social venue notable for its neoclassical charm and history dating back to 1844. A Scottish cèilidh band will entertain with traditional music for dancing. Dinner will be provided with a hot fork buffet. There is no dress code requirement, but kilts are encouraged!

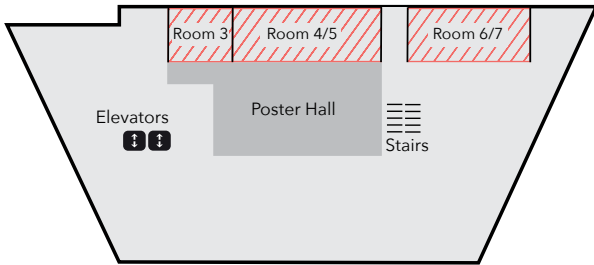
Floor Plans



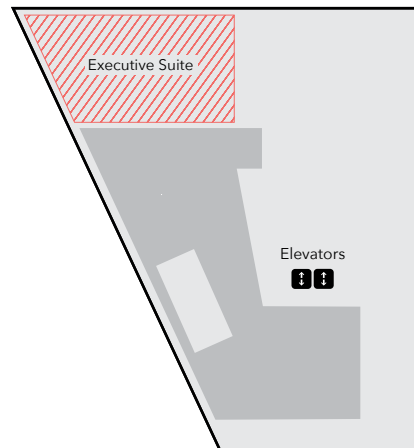
Level 1
Level 1 Auditorium



Level 2
Level 2 Auditorium | Registration
Exhibit Hall | Catering



Level 3
Poster Hall | Room 3
Room 4/5 | Room 6/7



Level 9
Executive Suite

Getting around Glasgow

Welcome to Glasgow, Scotland! We are thrilled to host IPSA 2024 here and hope that you have the opportunity to experience this beautiful city and its culture.

Transportation and Hotel Map

Scan the code below to download a PDF map provided by the Glasgow Convention Bureau for local hotels and nearby transportation points like bus, rail, and subway stations. IPSA 2024 is taking place within the "Merchant City" neighborhood.



Delegate Offers

The Glasgow Convention Bureau makes available a range of special offers to conference delegates in the city. Save on tours, restaurants, taxis, cafés, distilleries, and more! Some offers have coupon codes and others require you to show your congress badge.

Scan the **Delegate offers** code on the next page.



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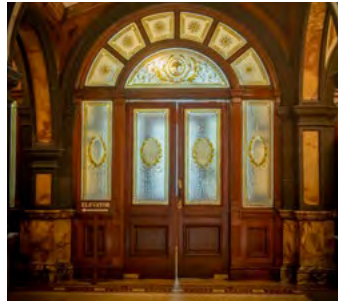
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Experience Glasgow

City map



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PEOPLE
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Awards



IPSA New Investigator Award

This award recognizes excellent work by new

investigators in pediatric sleep.

New investigators selected for oral presentation will present their research during the special New Investigator Award session taking place at 1:20pm on Saturday in the Level 2 Auditorium.

Two new investigators presenting during the poster hall sessions will also be selected to receive New Investigator Awards. Recipients will be announced and recognized during the closing ceremony on Sunday.

Congratulations to the 2024 recipients of the IPSA New Investigator Award!

Oral abstract presenters

Clinician perceptions around management of sleep problems in children with neurodevelopmental disorders

Kate O'Donohue (Australia)

Repetitive negative thinking mediates the relationship between sleep disturbance and symptoms of generalized anxiety, social anxiety, depression and eating disorders in adolescence: Findings from a five-year longitudinal study

Cele Richardson (Australia)



Christian Guilleminault Young Investigator Award

Named in honor of Christian Guilleminault (CG),

a sleep pioneer, the CG Young Investigator Award recognizes excellence among young investigators in sleep and supports their travel to present at scientific meetings.

Two young investigators at IPSA 2024 were selected to receive the CG Award and present their oral abstracts during the special New Investigator Award session taking place at 1:20pm on Saturday in the Level 2 Auditorium.

Congratulations to these 2024 recipients of the Christian Guilleminault Young Investigator Award!

Effectiveness of an intervention program on physical activity in children with narcolepsy type 1

Lisa Brunel (France)

The relationships between contextual factors, parenting practices, and sleep in young children: an analysis of pooled data from 32 countries

Zhiguang Zhang (Australia)



Friday Schedule at a Glance

| Time | Room | Session Title |
|-----------------|------------------|---|
| 9:00am - 1:00pm | Level 3 Room 4/5 | C01: Optimizing respiratory diagnostic testing in the home |
| 9:00am - 1:00pm | Level 3 Room 6/7 | C02: Updates on the use of actigraphy in research |
| 9:00am - 1:00pm | Level 3 Room 3 | C03: Assessing restlessness in ADHD, ASD & prenatal alcohol exposure: Learning from the past and preparing for the future |
| 2:00pm - 6:00pm | Level 3 Room 3 | C04: Challenging clinical case studies |
| 2:00pm - 6:00pm | Level 3 Room 6/7 | C05: Narcolepsy best practice: From diagnosis to management |
| 2:00pm - 6:00pm | Level 3 Room 4/5 | C06: Year in review |
| 7:00pm - 8:30pm | | Opening Ceremony at Glasgow City Chambers |



Saturday Schedule at a Glance

| Time | Room | Session Title |
|-------------------|--------------------|--|
| 8:00am - 8:15am | Level 2 Auditorium | Welcome |
| 8:15am - 9:00am | Level 2 Auditorium | Keynote Kelton Minor: Global warming and human sleep: A planetary experiment |
| 9:10am - 10:20am | Level 2 Auditorium | S01: Pediatric chronic insomnia: What's new |
| 9:10am - 10:20am | Level 1 Auditorium | S02: Sleep health for underserved children and adolescents |
| 9:10am - 10:20am | Level 3 Room 6/7 | S03: Primary scoring and UARS in children: A multi-disciplinary approach in management |
| 10:20am - 10:40am | | Tea Break |

Continued next page



Saturday Schedule at a Glance

| Time | Room | Session Title |
|-------------------|-------------------------|---|
| 10:40am - 11:50am | Level 2 Auditorium | S04: Phenotype and personalized medicine in pediatric OSA |
| 10:40am - 11:50am | Level 1 Auditorium | S05: Challenges of sleep detection in infants and young children |
| 10:40am - 11:50am | Level 3 Room 6/7 | S06: Development of sleep, thermoregulation and cardiorespiratory control: Clinical implications |
| 12:10pm - 1:10pm | Level 9 Executive Suite | Advances in treatment of insomnia in children with NDDs <i>Lunch service begins at 11:55am on Level 9. Session is supported by Neurim Pharmaceuticals.</i> |
| 1:20pm - 2:25pm | Level 2 Auditorium | O01: New investigator award |
| 1:20pm - 2:25pm | Level 1 Auditorium | O02: Sleep in early childhood |
| 1:20pm - 2:25pm | Level 3 Room 6/7 | O03: Investigations & sleep: What are the findings? |
| 2:35pm - 3:45pm | Level 2 Auditorium | S07: Melatonin use in typically developing (TD) children and children developmental disabilities: Experiences around the world |
| 2:35pm - 3:45pm | Level 1 Auditorium | S08: Sleep disturbances in adolescents From subtyping to tailored prevention and intervention strategy |
| 2:35pm - 3:45pm | Level 3 Room 6/7 | Discussion symposium S09: Moving forward the agenda for "sleep friendly" hospitals - possible standards relevant for international adoption |
| 3:45pm - 4:45pm | Level 3 Mezzanine | Poster hall session 1 <i>Tea and refreshments available</i> |
| 4:50pm - 5:20pm | Level 2 Auditorium | Pro/Con Debate: The role of DISE in pediatric OSA |
| | Level 1 Auditorium | Pro/Con Debate: Diagnosing and monitoring pediatric sleep-disordered breathing: The new BTS guidelines |
| 6:30pm - 12:00am | Citation | Gala Dinner |



Sunday Schedule at a Glance

| Time | Room | Session Title |
|-------------------|-------------------------|---|
| 8:15am - 9:00am | Level 2 Auditorium | Keynote Stijn Verhulst: The interaction between obesity and obstructive sleep apnea in children: A global and universal health priority |
| 9:10am - 10:40am | Level 2 Auditorium | S10: Parental choices and voices for infant sleep intervention |
| 9:10am - 10:40am | Level 1 Auditorium | S11: A precision medicine approach to ADHD & sleep: From phenotyping to individualizing interventions |
| 9:10am - 10:40am | Level 3 Room 6/7 | S12: Recognizing that one size does not fit all: Tailoring sleep practices for children with a neurodiverse development |
| 10:40am - 11:00am | | Tea Break |
| 11:00am - 12:10pm | Level 2 Auditorium | S13: Harmonizing pediatric sleep: Navigating the complexities and diversities in managing sleep-related breathing disorders across borders |
| 11:00am - 12:10pm | Level 1 Auditorium | S14: Unlocking the potential of big data in pediatrics: Autovideosomnography as an innovative instrument for investigating pediatric sleep and advancing sleep medicine |
| 11:00am - 12:10pm | Level 3 Room 6/7 | S15: The role of polysomnography in technology dependent children |
| 12:30pm - 1:30pm | Level 9 Executive Suite | Industry-Sponsored Symposium: Narcolepsy management in children through different European countries <i>Lunch service begins at 12:15pm on Level 9. Session is supported by Bioprojet.</i> |

Continued next page



Sunday Schedule at a Glance

| Time | Room | Session Title |
|-----------------|--------------------|--|
| 1:40pm - 2:45pm | Level 2 | O04: Sleep, breathing, and the brain |
| 1:40pm - 2:45pm | Level 1 | O05: Adolescent sleep |
| 1:40pm - 2:45pm | Level 3 | O06: Days to nights / nights to days |
| 2:45pm - 3:45pm | Level 3 Mezzanine | Poster hall session 2 <i>Tea and refreshments available</i> |
| 3:50pm - 5:00pm | Level 2 Auditorium | S16: The narcolepsy revolution |
| 3:50pm - 5:00pm | Level 1 Auditorium | S17: Healthy school start times for adolescents: A global perspective |
| 3:50pm - 5:00pm | Level 3 Room 6/7 | S18: New era of disease modifying treatments in childhood neuromuscular disorders: Changing landscapes in sleep diagnostics and management |
| 5:05pm - 5:45pm | Level 2 Auditorium | Closing ceremony and IPSA member meeting |

Keynote Speakers

Saturday April 27

8:15am – 9:00am | Level 2 Auditorium



Kelton Minor, PhD (United States) | Columbia University

Global warming and human sleep: A planetary experiment

Human-induced environmental changes threaten sleep, an essential pillar of health. Notably, nighttime temperatures are climbing faster than daytime temperatures in most populated regions. In his keynote address, Dr. Minor will shed light on recent ecological evidence from the first global study of the effects of nighttime warming on human sleep and the findings from a new systematic review of the literature. This body of evidence indicates a clear link between higher nighttime temperatures and diminished sleep quality and quantity around the world. Dr. Minor will also emphasize the critical gap in research concerning the impact of heat on children's sleep and call for an urgent increase in transdisciplinary work to assess and address this threat.

Find the complete description of Dr. Minor's keynote address at pedsleep.org.

Sunday April 28

8:15am – 9:00am | Level 2 Auditorium



Stijn Verhulst, MD, PhD (Belgium) | University of Antwerp

The interaction between obesity and obstructive sleep apnea in children: A global and universal health priority

The prevalence of childhood obesity has reached epidemic proportions worldwide. Childhood obesity should be considered as a global health problem because of its impact on the bodies and minds of developing children and adults and because of its high likelihood to persist in adulthood. This is critical as complications might still be reversible. Obstructive sleep apnea (OSA) is an important comorbidity in view of the bidirectional relation between obesity and OSA. Prof. Verhulst has been studying this bidirectional impact in the last 20 years and will present an overview of clinical and translational studies, focusing on how to tackle the interplay between obesity and OSA in children. In a first part, Dr. Verhulst will focus on clinical aspects of OSA in obesity and will zoom in on diagnostic and treatment approaches. In a second part, Dr. Verhulst will overview how OSA is also relevant for childhood obesity from a morbidity point of view. He will highlight several studies on the interplay between OSA and obesity-related complications and zoom in especially on linking mechanisms because these might result in additional treatment options for these difficult-to-treat diseases. In a final part, Dr. Verhulst will also highlight if OSA could also impact weight management strategies. Throughout the entire presentation, Dr. Verhulst will emphasize that it is critical to treat OSA in childhood obesity with a holistic approach and he will identify critical research and clinical knowledge gaps.



**Friday
April
26**



**Saturday
April
27**



**Sunday
April
28**

Scientific Program

Friday, April 26

- Courses
- Opening Ceremony

Saturday, April 27

- Keynote Presentation
- Symposia
- Exhibition
- Industry-Sponsored Symposium
- Oral Abstracts
- Poster Presentations
- Pro/Con Debates
- Gala Dinner

Sunday, April 28

- Keynote Presentation
- Symposia
- Exhibition
- Industry-Sponsored Symposium
- Oral Abstracts
- Poster Presentations
- Closing Ceremony and IPSA member meeting



**IPSA 20
Glasgow 24
April 26-28**



Friday Scientific Program

C01: Optimizing respiratory diagnostic testing in the home

9:00am - 1:00pm | Level 3 Room 4/5
*Chairs: Sheila Javadpour (Ireland),
Hui-leng Tan (United Kingdom)*

9:00am - 9:10am

Welcome

Sheila Javadpour (Ireland)

9:10am - 9:30am

How to set up a home sleep service

Sheila Javadpour (Ireland)

9:30am - 9:50am

Patient selection and safety in the home setting

Hui-leng Tan (United Kingdom)

9:50am - 10:20am

Respiratory sleep studies defined

Sakina Dastagir (United Kingdom)

10:20am - 10:40am

Coffee break

10:40am - 11:00am

Practicalities of home sleep set up

Mairead Ryan (Ireland)

11:00am - 11:45am

Up-to-date CRPSG analysis

Ruth Kingshott (United Kingdom)

11:45am - 12:50pm

Practical sessions on set up and analysis of CRPSG, oximetry and TCM with case scenarios

Fiona Phelan (Ireland)

Mairead Ryan (Ireland)

Ruth Kingshot (United Kingdom)

Sakina Dastagir (United Kingdom)

12:50pm - 1:00pm

Conclusion

C02: Updates on the use of actigraphy in research

9:00am - 1:00pm | Level 3 Room 6/7
Chair: Monica Ordway (United States)

9:00am - 9:10am

Welcome and introduction

Monica Ordway (United States)

9:10am - 10:10am

Capturing Zzz's and Activity levels: The utility of actigraphy in large-scale research studies

Barabara Galland (New Zealand)

10:10am - 10:30am

Coffee break

10:30am - 11:30am

Opportunities and obstacles to clustering with pediatric actigraphy data

Meredith Wallace (United States)

11:30am - 12:30pm

Actigraphy and computational approaches for sleep assessment in pediatric research

Jonathan Mitchell (United States)

12:30pm - 1:00pm

Discussion



Friday Scientific Program

C03: Assessing restlessness in ADHD, ASD & prenatal alcohol exposure: Learning from the past and preparing for the future

9:00am - 1:00pm | Level 3 Room 3

*Chairs: Osman Ipsiroglu (Canada),
Karen Spruyt (France)*

9:00am - 9:10am

Welcome and introduction

9:10am - 9:40am

The role of nutrition in hyper-motor-restlessness & hyper-arousability

Susan Smith (United States)

9:40am - 10:10am

Brain iron deficiency or affected neurotransmitter balance? Iron homeostasis and inflammation

Rosalia Silvestri (Italy)

10:10am - 10:40am

Approaching restlessness I: From experimental studies to clinical observations and diagnosis

Osman Ipsiroglu (Canada)

10:40am - 11:10am

Approaching restlessness II: From diagnosis to treatment and evaluation

Thomas Dye (United States)

11:10am - 11:25am

Coffee break

11:25am - 11:55am

Vigilance: A neutral approach to daytime functioning beyond cultural background

Gerhard Klösch (Austria)

11:55am - 1:00pm

Complex cases: Roundtable discussion

C04: Challenging clinical case studies

2:00pm - 6:00pm | Level 3 Room 3

Chair: Cathy Hill (United Kingdom)

2:00pm - 2:10pm

Welcome and introduction

Cathy Hill (United Kingdom)

2:10pm - 3:00pm

Child with Trisomy 21, autism and severe

OSA/obesity hypoventilation

Craig Campanari (United States)

3:00pm - 3:50pm

Hypersomnolence and cataplexy - a diagnostic challenge

Desaline Jospeh (United Kingdom)

3:50pm - 4:10pm

Tea break

4:10pm - 5:05pm

OSA with an unexpected twist in a normally developing child

Robin Lloyd (United States),

Christine Matarese (United States)

5:05pm - 6:00pm

A child with complex motor disorder and chronic insomnia

Cathy Hill (United Kingdom)



Friday Scientific Program

C05: Narcolepsy best practice: From diagnosis to management

2:00pm - 6:00pm | Level 3 Room 6/7
*Chairs: Paul Gringras (United Kingdom),
Witney Lau (United Kingdom)*

2:00pm - 2:10pm
Welcome and introduction

2:10pm - 2:55pm
Setting up a sleep lab to assess hypersomnia and diagnose narcolepsy - what investigations, training staff, maintaining standards and minimum throughput
Wioleta Kowalska (United Kingdom)

2:55pm - 3:40pm
Weight gain, metabolic syndrome and interventions in paediatric narcolepsy
Patricia Franco (France)

3:40pm - 4:00pm
Tea break

4:00pm - 4:45pm
Red flags in paediatric narcolepsy diagnosis and a framework for pharmacological management of narcolepsy
Giuseppe Plazzi (Italy)

4:45pm - 5:30pm
Psychiatric comorbidities in children and young people with narcolepsy
Michel Lecendreux (France)

5:30pm - 6:00pm
Question and answer

C06: Year in review

2:00pm - 6:00pm | Level 3 Room 4/5
*Chairs: Magda Lahorgue Nunes (Brazil),
Kate Chan (Hong Kong), Witney Lau (United Kingdom)*

2:00pm - 2:45pm
Sleep in children and adolescents post-COVID
Magda Lahorgue Nunes (Brazil)

2:45pm - 3:30pm
Pediatric sleep health inequities and disparities
Monica Ordway (United States)

3:30pm - 4:00pm
Tea break

4:00pm - 4:45pm
Sleep health and challenges in adolescents
Rachel Chan (Hong Kong, China)

4:45pm - 5:30pm
Sleep and epilepsy
Sameer Zuberi (United Kingdom)

5:30pm - 6:00pm
Question and answer

Opening Ceremony

7:00pm - 8:30pm | City Chambers
See details on page 5



Saturday Scientific Program

Welcome

8:00am – 8:15am | Level 2 Auditorium

Keynote Speaker: Kelton Minor

8:15am – 9:00am | Level 2 Auditorium

8:15 – 8:17am

Introduction

Paul Gringras (United Kingdom)

8:17am – 9:00am

Global warming and human sleep:

A planetary experiment

Kelton Minor (United States)

S01: Pediatric chronic insomnia: What's new

9:10am – 10:20am | Level 2 Auditorium

Chairs: *Oliviero Bruni (Italy), Judith Owens (United States)*

9:10am – 9:12am

Introduction

9:12am – 9:27am

Report from the ICSD 3-R Insomnia Task Force

Judith Owens (United States)

9:27am – 9:42am

What's new in behavioral treatment of insomnia in young children

Jodi Mindell (United States)

9:42am – 9:57am

Are some children genetically predisposed to poor sleep?

Desana Kocevskaja (Netherlands)

9:57am – 10:12am

Phenotyping of insomnia of childhood and its role for treatment

Oliviero Bruni (Italy)

10:12am – 10:20am

Question and answer

S02: Sleep health for underserved children and adolescents

9:10am – 10:20am | Level 1 Auditorium

Chair: *Amy Wolfson (United States)*

9:10am – 9:12am

Introduction

9:12am – 9:24am

Cultivating non-profit agency - academia partnerships to foster sleep

Carol Ripple (United States)

9:24am – 9:36am

Sleep health for children in foster care

Eleanor McGlinchey (United States)

9:36am – 9:48am

The 4C model of healthy sleep for childhood interpersonal trauma

Candice Alfano (United States)

9:48am – 10:00am

Sleep perceptions: Indigenous and non-Indigenous Australian children

Sarah Blunden (Australia)

10:00am – 10:12am

Sleep and circadian health of youth in juvenile detention

Stephanie Crowley (United States)

10:12am – 10:20am

Question and answer



Saturday Scientific Program

S03: Primary scoring and UARS in children: A multi-disciplinary approach in management

9:10am - 10:20am | Level 3 Room 6/7
*Chairs: Umakanth Katwa (United States),
Christine Hong (United States)*

9:10am - 9:12am
Introduction

9:12am - 9:24am
Primary snoring and UARS: Diagnosis & medical management
Umakanth Katwa (United States)

9:24am - 9:36am
Orthodontic treatment of UARS
Christine Hong (United States)

9:36am - 9:48am
Role of myofunctional therapy in management of snoring and UARS
Hedwig van der Meer (Netherlands)

9:48am - 10:00am
Pediatric sleep bruxism: New insights for the collaboration between pediatric sleep doctors and dentists
Tony Romero (Spain)

10:00am - 10:12am
Involvement of TMJ disorder in UARS
Rana Kiziltekin Cimen (Turkey)

10:12am - 10:20am
Question and answer

S04: Phenotype and personalized medicine in pediatric OSA

10:40am - 11:50am | Level 2 Auditorium
Chair: Narong Simakajornboon (United States)

10:40am - 10:42am
Introduction

10:42am - 10:54am
DISE and management of persistent OSA after T&A
An Boudewyns (Belgium)

10:54am - 11:06am
Obesity phenotype of OSA
Stijn Verhulst (Belgium)

11:06am - 11:18am
The role of non-anatomical traits and personalized medicine in infants and children
Narong Simakajornboon (United States)

11:18am - 11:30am
Pediatric OSA in complex medical conditions
Hui-leng Tan (United Kingdom)

11:30am - 11:42am
Craniofacial contribution of OSA in children
Wei-Chung Hsu (Taiwan)

11:42am - 11:50am
Question and answer



Saturday Scientific Program

S05: Challenges of sleep detection in infants and young children

10:40am - 11:50am | Level 1 Auditorium
*Chairs: Mirja Quante (Germany),
Ravi Poorun (United Kingdom)*

10:40am - 10:42am
Introduction

10:42am - 10:57am
Methodological pitfalls when using actigraphy in infants
Mirja Quante (Germany)

10:57am - 11:12am
How to create an optimal observation sleep stage classification system for preterm infants
Eline de Groot (Netherlands),
Christy Gliniak (Netherlands)

11:12am - 11:27am
A novel prototype for contactless respiratory monitoring in sleep via 3-D respiratory motion measurements
Sebastian Kerzel (Germany)

11:27am - 11:42am
Challenges of evaluating sleep-disordered breathing in neonates
Robin Lloyd (United States)

11:42am - 11:50am
Question and answer

S06: Development of sleep, thermoregulation and cardiorespiratory control: Clinical implications

10:40am - 11:50am | Level 3 Room 6/7
Chair: Rosemary Horne (Australia)

10:40am - 10:42am
Introduction

10:42am - 10:57am
Circadian rhythmicity in the development of sleep in normal and growth restricted fetuses
Laura Bennet (New Zealand)

10:57am - 11:12:am
Maturation of cardiac autonomic control in preterm infants and how the neonatologist could evaluate it in practice before discharge
Hugues Patural (France)

11:12am - 11:27am
Maturation of temperature regulation during sleep in infants
Veronique Bach (France)

11:27am - 11:42am
Sleep in children born preterm and growth restricted: Clinical implications
Rosemary Horne (Australia)

11:42am - 11:50am
Question and answer



Saturday Scientific Program

Advances in treatment of insomnia in children with NDDs

12:10pm - 1:10pm | Level 9 Executive Suite
Chair: *Oliviero Bruni (Italy)*

*Lunch service begins at 11:55am on Level 9.
Session is supported by Neurim Pharmaceuticals.*

Welcome and introduction

Oliviero Bruni (Italy)

Sleep contrasts: Unveiling the varied sleep patterns in ASD and ADHD

Suresh Kotagal (United States)

Exploring cutting-edge insomnia treatments in children with ASD

Oliviero Bruni (Italy)

Summary and closing remarks

Oliviero Bruni (Italy), Suresh Kotagal (United States)

O01: New investigator award

1:20pm - 2:25pm | Level 2 Auditorium
Chairs: *Rosemary Horne (Australia);
Samantha Hornsey (United Kingdom)*

1:20pm - 1:33pm
Repetitive negative thinking mediates the relationship between sleep disturbance and symptoms of generalized anxiety, social anxiety, depression and eating disorders in adolescence: Findings from a five-year longitudinal study
Cele Richardson (Australia)

1:33pm - 1:46pm
Clinician perceptions around management of sleep problems in children with neurodevelopmental disorders
Kate O'Donohue (Australia)

1:46pm - 1:59pm
Effectiveness of an intervention program on physical activity in children with narcolepsy type 1
Lisa Brunel (France)

1:59pm - 2:12pm

The relationships between contextual factors, parenting practices, and sleep in young children: An analysis of pooled data from 32 countries
Zhiguang Zhang (Australia)

2:12pm - 2:25pm

Award presentations

O02: Sleep in early childhood

1:20pm - 2:25pm | Level 1 Auditorium
Chairs: *Magda Lahorgue Nunes (Brazil),
Barbara Galland (New Zealand)*

1:20pm - 1:33pm

Interrelation between day and nighttime sleep in preschool-aged children
Eve Reynaud (France)

1:33pm - 1:46pm

Effects of behavioural sleep intervention on infant attachment quality and parental wellbeing
Gokce Yilmaz Akdogan (Turkish Republic of Northern Cyprus)

1:46pm - 1:59pm

Association between salivary melatonin levels with rest-activity rhythms and night wakings in infants
Jianfei Lin (China)

1:59pm - 2:12pm

Comparing home Type 2 polysomnography that includes transcutaneous monitoring of CO₂ and Type 1 polysomnography in children with neuromuscular disorders
Adelaide Withers (Australia)

2:12pm - 2:25pm

Longitudinal effects of early exposure to intermittent hypoxia on autonomic cardiovascular control in very preterm infants
Rosemary Horne (Australia)



Saturday Scientific Program

O03: Investigations & sleep: What are the findings?

1:20pm - 2:25pm | Level 3 Room 6/7
Chair: Ross Langley (United Kingdom)

1:20pm - 1:33pm
Efficacy and safety of pitolisant in children above 6 years with narcolepsy with and without cataplexy
Christian Causse (France)

1:33pm - 1:46pm
Preliminary fMRI evidence of ADHD traits and differential susceptibility to experimental sleep restriction in youth
Jared Saletin (United States)

1:46pm - 1:59pm
Environmental impact of paediatric sleep investigations
Rebecca Lennon (United Kingdom)

1:59pm - 2:12pm
The iron deficiency conundrum - limitations of existing clinical practice guidelines and next steps
Scout McWilliams (Canada)

2:12pm - 2:25pm
Ko Te honoka te whariki o whanau ora: Connection as the foundation for family well-being using sleep. The Moemoeā MOST trial
Rachael Taylor (New Zealand)

S07: Melatonin use in typically developing (TD) children and children developmental disabilities: Experiences around the world

2:35pm - 3:45pm | Level 2 Auditorium
Chair: Narong Simakajornboon (United States)

2:35pm - 2:37pm
Introduction

2:37pm - 2:49pm
Melatonin in TD children and children with neurodevelopmental problems: Outcome of clinical trials and UK prescribing audit
Paul Gringras (United Kingdom)

2:49pm - 3:01pm
Melatonin use among community and clinical samples Australian children
Sarah Blunden (Australia)

3:01pm - 3:13pm
Pattern of Melatonin use among physicians in Italy
Oliviero Bruni (Italy)

3:13pm - 3:25pm
Melatonin use in the United States and educational material developed by IPSA
Judith Owens (United States)

3:25pm - 3:37pm
Adverse effect of melatonin and a final report from Melatonin Task Force of IPSA
Suresh Kotagal (United States)

3:37pm - 3:45pm
Question and answer



Saturday Scientific Program

S08: Sleep disturbances in adolescents: From subtyping to tailored prevention and intervention strategies

2:35pm - 3:45pm | Level 1 Auditorium

*Chairs: Kate Chan (Hong Kong),
Shirley Xin Li (Hong Kong)*

2:35pm - 2:37pm

Introduction

2:37pm - 2:52pm

Adolescent insomnia and mental health problem: New subtypes and association

Guanghai Wang (China)

2:52pm - 3:07pm

A brief sleep intervention to improve sleep, mood, and performance in Esports athletes

Sooyeon Aly Suh (South Korea)

3:07pm - 3:22pm

Cognitive behavioural therapy for insomnia: Is it effective in adolescents with ADHD?

Shirley Xin Li (Hong Kong)

3:22pm - 3:37pm

Preventing insomnia in at-risk adolescents: Unveiling the evidence and implications

Rachel Ngan Yin Chan (Hong Kong)

3:37pm - 3:45pm

Question and answer

S09: Moving forward the agenda for "sleep friendly" hospitals - possible standards relevant for international adoption

Discussion symposium

2:35pm - 3:45pm | Level 3 Room 6/7

*Chairs: Megan Thomas (Canada),
Cathy Hill (United Kingdom)*

Panelists:

Andrea Fidler (United States)

Kirstie Anderson (United Kingdom)

Murtala Affini (United States)

Moya Vandeleur (Australia)

Robyn Stremmer (Canada)

Discussion questions will include:

- Is your hospital doing anything to support healthy sleep in hospital?
- Why do you think providing patients and families information about strategies to improve sleep while hospitalized and after discharge should be possible standards?
- Can you explain why noise and light levels, including optimising daylight levels, are relevant standards?
- Why do you think optimizing EHR (electronic health record) order sets to reduce vital checks and administering medications throughout the day should be possible standards?
- Why is it important to engage with key stakeholders to improve sleep health in hospitals?
- Can you explain why all staff should receive information on the importance of sleep as part of their onboarding process, and a written sleep friendly policy that is routinely communicated to all healthcare staff should be possible standards?
- Do you think it is important to consider parent's sleep as well as children's sleep in hospital?



Saturday Scientific Program

Poster hall session 1

3:45pm - 4:45pm | Level 3 Mezzanine

Pro/Con Debate: The role of DISE in pediatric OSA

4:50pm - 5:20pm | Level 2 Auditorium
Moderator: *Narong Simakajornboon (United States)*

Speakers:
Pro: An Boudewyns (Belgium)
Con: Christine Heubi (United States)

Pro/Con Debate: Diagnosing and monitoring pediatric sleep-disordered breathing: The new BTS guidelines

4:50pm - 5:20pm | Level 1 Auditorium
Moderator: *Sheila Javadpour (Ireland)*

Speakers:
Pro: Neil Gibson (United Kingdom),
Con: Jasneek Chawla (Australia)

Gala dinner

6:30pm - 12:00am | Citation



Gala Dinner

6:30pm - 12:00am | Saturday, April 27
Citation Glasgow
40 Wilson Street
Glasgow

Ticket price: US\$70

The gala dinner will take place at Citation, a social venue notable for its neoclassical charm and history dating back to 1844. A Scottish cèilidh band will entertain with traditional music for dancing. Dinner will be provided with a hot fork buffet. There is no dress code requirement, but kilts are encouraged!

Become a Member

The International Pediatric Sleep Association is a membership organization devoted to the promotion of pediatric sleep medicine worldwide.



What do IPSA members accomplish together?

IPSA members organize a range of programs and projects to advance the health of children and young people worldwide.

- Organize the biennial IPSA congress
- Organize courses and gatherings for pediatrics at other conferences
- Write guidelines, recommendations, and other publications
- Distribute awards to promote pediatric sleep among new researchers
- Promote pediatric sleep health among the public

Want to be involved? Become an IPSA member!

A one-year membership is 25 USD (15 USD for students) and includes the following benefits:

- Discounted rates to attend the IPSA congress
- Access to *Sleep Medicine*, official journal of IPSA
- Eligibility to serve on IPSA committees, task forces, and projects
- Eligibility to participate and vote in IPSA general assembly meetings



To join scan the code or visit
pedsleep.org/Membership



Sunday Scientific Program

Keynote Speaker: Stijn Verhulst

8:15am – 9:00am | Level 2 Auditorium

8:15 – 8:17am

Introduction

Narong Simakajornboon (United States)

8:17am – 9:00am

The interaction between obesity and obstructive sleep apnea in children: A global and universal health priority

Stijn Verhulst (Belgium)

S10: Parental choices and voices for infant sleep interventions

9:10am – 10:40am | Level 2 Auditorium

*Chairs: Sarah Blunden (Australia),
Helen Ball (United Kingdom)*

9:10am – 9:12am

Introduction

9:12am – 9:25am

What we know and don't know: A review of infant behavioural sleep intervention research

Sarah Honaker (United States)

9:25am – 9:38am

Reviewing the effects of maternal expectations across cultures on night waking, infant sleep, and perceived infant sleep problems

Elaine Barry (United States)

9:38am – 9:51am

Differences between maternal and paternal perspectives of infants' sleep and the role of breastfeeding

Ezgi Barış (Turkey)

9:51am – 10:04am

"Please don't think I'm a bad parent for co-sleeping. I am not": Perceived benefits and limitations of co-sleeping: Cultural and sub cultural perspectives

Levita D'Souza (Australia)

10:04am – 10:17am

Offering parents intervention options for baby's sleep (OPTIONS): Preliminary findings from the cross-cultural survey data of the OPTIONS study

Perran Boran (Turkey)

10:17am – 10:40am

Question and answer

S11: A precision medicine approach to ADHD & sleep: From phenotyping to individualizing interventions

9:10am – 10:40am | Level 1 Auditorium

*Chairs: Osman Ipsiroglu (Canada),
Mark Stein (United States)*

9:10am – 9:12am

Introduction

9:12am – 9:17am

Prevalence of RLS and ADHD - an overview

Julian Mollin (Germany)

9:17am – 9:22am

ADHD & sleep phenotypes based on neurophysiology

Silvia Miano (Switzerland)

9:22am – 9:27am

Applying ADHD & sleep phenotypes in clinical care and the link to hypermotor restlessness and hyperarousability

Osman Ipsiroglu (Canada)

9:27am – 9:32am

New perspectives, new horizons: iron per os or i.v.

Thomas Dye (United States)

9:32am – 9:37am

Impact of ADHD medications, dose, and dosing strategies on subjective and objective measures

Mark Stein (United States)



Sunday Scientific Program

9:37am – 9:42am

Cognitive behavioural therapy in ADHD and the role of sleep disorders: How to develop a mutually shared language?

Angelika Schlarb (Germany)

9:42am – 9:47am

New perspectives, new horizons: Frontier drugs

Michel Lecendreux (France)

9:47am – 9:52am

Perceptions regarding first line measures: Iron or melatonin. The role of the media

Alexander Dück (Germany)

9:52am – 10:02am

Round table

Margaret Weiss (United States), Lino Nobili (Italy)

S12: Recognizing that one size does not fit all: Tailoring sleep practices for children with a neurodiverse development

9:10am – 10:40am | Level 3 Room 6/7

Chairs: Karen Spruyt (France), Cathy Hill (United Kingdom)

9:10am – 9:55am

Discussion panel

Moderators: Leticia Soster (Brazil), Karen Spruyt (France)

Panelists:

Alexander Dück (Germany), Marco Carotenuto (Italy)

Clarissa Bueno (Brazil), Leticia Soster (Brazil),

Karen Spruyt (France)

Discussion topics will include:

- Sleep in Rett Syndrome
- The relation between the genetic pattern and the polysomnographic findings in Prader Willi Syndrome
- Developmental sleep trajectory in Fragile X Syndrome
- Sleep structure and Type 1 Neurofibromatosis
- Adenylate cyclase 5 deficiency: A model of sleep homeostasis disorder?

9:55am – 9:57am

Introduction

Cathy Hill (United Kingdom)

9:57am – 10:07am

What can we learn from others: Learning about sleep from parents of children with neurodevelopmental disorders and non-sleep specialists who encounter sleep

Moya Vandeleur (Australia)

10:07am – 10:17am

Co-design of a sleep education intervention for children with neurodevelopmental disorders

Sarah MacEachern (Canada)

10:17am – 10:27am

What do parents think about standard behavioural sleep strategies for chronic insomnia in children with ADHD?

Samantha Hornsey (United Kingdom)

10:27am – 10:40am

Discussion

Moderator: Jasneek Chawla (Australia)



Sunday Scientific Program

S13: Harmonizing pediatric sleep: Navigating the complexities and diversities in managing sleep-related breathing disorders across borders

11:00am - 12:10pm | Level 2 Auditorium

*Chairs: Karen Spruyt (France),
Umakanth Katwa (United States)*

11:00am - 11:02am

Introduction

11:02am - 11:14am

The South America perspective

Gustavo Moreira (Brazil)

11:14am - 11:26am

The African perspective

Eniola Eziyi (Nigeria)

11:26am - 11:38am

The Asian perspective

Kate Chan (Hong Kong, China)

11:38am - 11:50am

The European perspective

Plamen Bokov (France)

11:50am - 12:02pm

The USA perspective

Umakanth Katwa (United States)

12:02pm - 12:10pm

Question and answer

S14: Unlocking the potential of big data in pediatrics: Autovideosomnography as an innovative instrument for investigating pediatric sleep and advancing sleep medicine

11:00am - 12:10pm | Level 1 Auditorium

Chair: Oliviero Bruni (Italy)

11:00am - 11:02am

Introduction

11:02am - 11:14am

Utilizing auto-videosomnography to monitor a cognitive intervention for parents with children who have pediatric sleep difficulties

Sooyeon 'Aly' Suh (South Korea)

11:14am - 11:26am

Using auto-videosomnography to understand the relation between sleep quality and motor development over the first year of life

Sarah Berger (United States)

11:26am - 11:38am

Do infant and parent sleep predict next-day parent-infant bonding? Auto-videosomnography insights across Daylight Saving transitions

Michal Kahn (Israel)

11:38am - 11:50am

The utility of Nanit-user survey data in examining a variety of sleep practices that potentially impact sleep health, including the use of sleep aids such as melatonin in very young children

Judith Owens (United States)

11:50am - 12:02pm

How auto-videosomnography data can help understand different sleep profiles in the first year of life and their relationship with child temperament

Maria Breda (Italy)

12:02pm - 12:10pm

Question and answer



Sunday Scientific Program

S15: The role of polysomnography in technology dependent children

11:00am - 12:10pm | Level 3 Room 6/7
*Chairs: Neepa Gurbani (United States),
Narong Simakajornboon (United States)*

11:00am - 11:02am
Introduction

11:02am - 11:14am
Role of polysomnography prior to tracheostomy decannulation. (pulmonary perspective)
Neepa Gurbani (United States)

11:14am - 11:26am
Role of upper airway evaluation in prior to tracheostomy decannulation (ENT perspective)
An Boudewyns (Belgium)

11:26am - 11:38am
Role of polysomnography for weaning and titration of chronic invasive mechanical ventilation
John E. Pascoe (United States)

11:38am - 11:50am
Role of polygraphy for titration of noninvasive ventilation
Hui-leng Tan (United Kingdom)

11:50am - 12:02pm
Non-invasive ventilation: Experience from a country with emerging pediatric sleep medicine field
Mihaela Oros (Romania)

12:02pm - 12:10pm
Question and answer

Narcolepsy management in children through different European countries

12:30pm - 1:30pm | Level 9 Executive Suite
*Lunch service begins at 12:15pm on Level 9.
Session is supported by Bioprojet.*

Drugs, studies, EUNN guidelines 2023
Yves Dauvilliers (France)

Patient pathway and management in England, a clinical case
Paul Gringras (United Kingdom)

Patient pathway and management in France, a clinical case
Patricia Franco (France)



Sunday Scientific Program

O04: Sleep, breathing, and the brain

1:40pm - 2:45pm | Level 2 Auditorium
Chair: Kate Chan (Hong Kong)

1:40pm - 1:53pm
Comparison of human expert and automated McGill scoring for paediatric obstructive sleep apnoea
Ajay Kevat (Australia)

1:53pm - 2:06pm
Decreased morning first voided urinary 6-sulfatoxymelatonin among children with obstructive sleep apnoea
Ming Yang (China)

2:06pm - 2:19pm
Sleep it off? Exploring sleep duration and bedtime regularity as potential protective moderators of early adversity's impact on mental health in infancy, childhood, and adolescence
Sarah Kamhout (United States)

2:19pm - 2:32pm
Implementation of the Pediatric Craniofacial Screening Tool for Sleep Disordered Breathing (PCSS)
Judith Owens (United States)

2:32pm - 2:45pm
The relationship among allergic rhinitis, sleep, and cognitive behavior in primary school children: a large-scale cross-sectional survey
Yupu Liu (China)

O05: Adolescent sleep

1:40pm - 2:45pm | Level 1 Auditorium
Chair: Monica Ordway (United States)

1:40pm - 1:53pm
Sleep and insomnia symptoms in adolescence
Gita Hedin (Sweden)

1:53pm - 2:06pm
Timing may not matter: Exploring the impact of circadian misalignment on adolescent dietary patterns
Kara Duraccio (United States)

2:06pm - 2:19pm
Sleep-dependent memory consolidation and Sleep stage transitions in children narcolepsy-cataplexy
Stéphanie Mazza (France)

2:19pm - 2:32pm
Do screens really impair sleep in adolescents? Using wearable cameras to accurately quantify screen use in relation to sleep
Rachael Taylor (New Zealand)

2:32pm - 2:45pm
It's past your bedtime, but does it matter anymore? How changes in bedtime rules can impact adolescent sleep
Serena Bauducco (Sweden)



Sunday Scientific Program

O06: Days to nights / nights to days

1:40pm - 2:45pm | Level 3 Room 6/7
Chair: Don Urquhart (United Kingdom)

1:40pm - 1:53pm
Associations of objectively measured physical activity and sleep in preschoolers aged 3 to 6 years
Mya Dockrill (Canada)

1:53pm - 2:06pm
A researcher's two-decade journey of developing, evaluating, extending, and trying to sustain the Better Nights, Better Days (BNBD) eHealth program
Penny Corkum (Canada)

2:06pm - 2:19pm
Longitudinal bidirectional associations between screen time and bedtime and sleep duration in children aged 2 to 10.5 years: Insights from the national French ELFE birth cohort
Sabine Plancoulaine (France)

2:19pm - 2:32pm
Evening chronotype is associated with daytime impairment and differential response to a sleep extension manipulation in short-sleeping adolescents
Stacey L. Simon (United States)

2:32pm - 2:45pm
A mixed-methods usability study of the promoting healthy sleep eLearning professional development program: Perspectives of healthcare providers and parents/caregivers
Alzena Ilie (Canada)

Poster hall session 2

2:45pm - 3:45pm | Level 3 Mezzanine

S16: The narcolepsy revolution

3:50pm - 5:00pm | Level 2 Auditorium
Chair: Heather Elphick (United Kingdom)

3:50pm - 3:52pm
Introduction

3:52pm - 4:04pm
Evaluation of home-based naturalistic narcolepsy diagnosis, using an ambulatory dry EEG wearable device powered by automated machine learning derived diagnosis
Paul Gringras (United Kingdom)

4:04pm - 4:16pm
Diagnostic delays in hypersomnia and relationship to age and phenotype for Idiopathic Hypersomnia, Narcolepsy Type 1 and Narcolepsy Type 2
Lucie Barateau (France)

4:16pm - 4:28pm
Chicken or egg? Autonomic dysfunction in central hypersomnia disorders
Suresh Kotagal (United States)

4:28pm - 4:40pm
Microglial density in the hypothalamus and thalamus in NT1 patients and their relationship to duration, severity, and orexin levels
Yves Dauvilliers (France)

4:40pm - 4:52pm
Pharmacological Management of Narcolepsy in Childhood
Giuseppe Plazzi (Italy)

4:52pm - 5:00pm
Question and answer



Sunday Scientific Program

S17: Healthy school start times for adolescents: A global perspective

3:50pm - 5:00pm | Level 1 Auditorium
Chairs: Judith Owens (United States), Sarah Blunden (Australia)

3:50pm - 3:52pm
Introduction

3:52pm - 4:04pm
Scoping review of the literature on SSTs in high school and middle school students
Jessica Page (United States)

4:04pm - 4:16pm
IPSA school start times member survey results
Michal Kahn (Israel)

4:16pm - 4:28pm
Findings on European Union school start times
Karen Spruyt (France)

4:28pm - 4:40pm
School start time change; impact on parents, teachers, primary school students and other key stakeholders
Scott Coussens (Australia)

4:40pm - 4:52pm
Next steps: Towards a global statement on school start times
Saadoun Bin Hasan (Kuwait)

4:52pm - 5:00pm
Question and answer

S18: New era of disease modifying treatments in childhood neuromuscular disorders: Changing landscapes in sleep diagnostics and management

3:50pm - 5:00pm | Level 3 Room 6/7
Chairs: Federica Trucco (Italy), Elaine Chan (United Kingdom)

3:50pm - 3:52pm
Introduction

3:52pm - 4:04pm
Overview on disease-modifying treatments in NMD - implications for management of respiratory and sleep issues
Valeria Sansone (Italy)

4:04pm - 4:16pm
Sleep disorders (respiratory and non-respiratory) in SMA and role for treatments
Archana Chacko (Australia)

4:16pm - 4:28pm
Diaphragmatic sleep disordered breathing in neuromuscular disorders, with particular focus on Duchenne Muscular Dystrophy
Federica Trucco (Italy)

4:28pm - 4:40pm
Sleep in Myotonic Dystrophy - patho-mechanisms and multi-layer complexity
Lino Nobili (Italy)

4:40pm - 4:52pm
Involvement of sleep specialists in the future neuromuscular phenotypes
Anita Simonds (United Kingdom)

4:52pm - 5:00pm
Question and answer

Closing ceremony and IPSA member meeting

5:05pm - 5:45pm | Level 2 Auditorium

Save the Date

September 5-10, 2025
Singapore



2025
WORLD
SLEEP
Singapore

Posters in the Saturday session are organized by poster board number below.

P01: Oxygen Desaturation Index validity in predicting the severity of obstructive sleep apnea among children

Ahmed Abushahin (Qatar)

P02: Performance of automated oximetry scoring algorithms in comparison to clinician McGill scoring for the detection of polysomnography-diagnosed paediatric OSA

Ajay Kevat (Australia)

P03: Development of a pediatric sleep routine questionnaire for Black families: A human-centered design approach

Alicia Chung (United States)

P04: Sleep for health in hospital: Addressing excessive light exposure during nursing care

Alison Freeman (United Kingdom)

P05: The patient and public involvement (PPI) voice: Reporting on parent/carer experiences of using two sleep diaries for children with ADHD

Alison Rowsell (United Kingdom)

P06: Sleep-wake rhythms and impulsivity in adolescents

Amandine Eve Rey (France)

P07: The bedtime checking sleep intervention in infants with insomnia: Preliminary results

Amit Samet (Israel)

P08: Multi-method analysis of parental sleep on a paediatric inpatient ward

Amy Maitland (United Kingdom)

P09: The effect of supraglottoplasty on OSA severity in children with sleep-dependent laryngomalacia

An Boudewyns (Belgium)

P10: Sleep help seeking behavior of parents with children suffering from insomnia - what counts?

Angelika Schlarb (Germany)

P11: Presentation of the international Delphi consensus on sleep problems in pediatric palliative care. Let the curtain rise!

Anna Mercante (Italy)

P12: The gamification of sleep education

Ansel Godinho (United Kingdom)

P13: Validation of a wireless, self-applied device for sleep recording in the pediatric population

Antonella Iadarola (Italy)

P14: Applying AI techniques for the culturally and family-tailored intervention app Nenne Navi for improving sleep habits of young Japanese children: A preliminary usability evaluation

Arika Yoshizaki (Japan)

P15: Utility of polysomnography in children with ambulatory non-invasive ventilation

Athiwat Tripipitsiriwat (United States)

P16: 9:45 a.m. and beyond. Exploring teens' first-hand experiences of later school start times in Aotearoa, New Zealand

Barbara Galland (New Zealand)

P17: Polysomnographic, clinical and respiratory findings in a pediatric population with neuromuscular disorders

Beatriz Sardano (Brazil)

P18: A new holistic medical approach on an obstructive sleep apnea pediatric clinical case

Benito Francesco Pio Pennacchio (Italy)

P19: Psychiatric comorbidity in pediatric narcolepsy type 1 - a cross sectional study from Norway

Berit Hjelde Hansen (Norway)

P20: Quantifying sleep-related rhythmic movement disorder - the role of videosomnography.

Boateng Twum (United Kingdom)

Posters in the Saturday session are organized by poster board number below.

P21: Sleep and neurocognitive functioning in nocturnal enuresis

Britt Borg (Denmark)

P22: The association of nocturnal enuresis and school performance - a nationwide register-based cohort study

Britt Borg (Denmark)

P23: The use of the PneumoWave DC respiratory monitor to identify paediatric sleep apnoea: In-vitro validation

Burcu Kolukisa Birgec (United Kingdom)

P24: Do weighted blankets improve sleep among children with a history of maltreatment? A randomized controlled crossover trial

Candice Alfano (United States)

P25: When, how, and what are the outcomes of exogenous melatonin indicated in a pediatric sleep clinic

Caroline Pereira Borginho (Brazil)

P26: Hypoventilation in patients with Prader-Willi syndrome across the pediatric age

Catherine Chen (France)

P27: Eyes wide open: A protocol for exploring stakeholder perspectives of adolescent sleep through photovoice

Catriona Ewart (United Kingdom)

P28: Polysomnographic phenotypes of children with Down syndrome across the age

Chalisa Thamkittikun (Thailand)

P29: Improving pre-schoolers' sleep with the use of bedtime bibliotherapy (bedtime story): A pilot study

Chi Ching Tsang (Hong Kong)

P30: Sleep behaviors, perceptions, and practices among home and family childcare providers in western Massachusetts

Christine St. Laurent (United States)

P31: Ventilator data: An adjunct to cardiorespiratory sleep study (CRSS) in monitoring children on long term non-invasive ventilation (LT-NIV)

Chu-Hai Wong (United Kingdom)

P32: Application of bidirectional telemedicine in continuous positive airway pressure for children with upper airway obstruction

Dabo Liu (China)

P33: Associations between objectively and subjectively measured sleep outcomes and screen time among elementary school children in Rhode Island

Diane Story (United States)

P34: Sleeping soundly after discharge from a neonatal ward: Evidence-based, expert- and parent-endorsed sleep strategies

Eline de Groot (Netherlands)

P35: Parent-reported sleep characteristics of Canadian infants at 3 and 12 months

Elizabeth Keys (Canada)

P36: Healthy patient and parent sleep: Our experience

Elizabeth McLellan (United Kingdom)

P37: Understanding toddler sleep in typical development: A videosomnography study

Emily Abel (United States)

P38: Understanding parental levels of engagement in an eHealth intervention for pediatric insomnia and neurodevelopmental disorders

Emily Wildeboer (Canada)

P39: Comparison of transcutaneous carbon dioxide measurements and capillary pCO₂ measurements on paediatric sleep study patients

Emma Carruthers (United Kingdom)

Posters in the Saturday session are organized by poster board number below.

P40: Late-night snacking, sugar-sweetened beverages, and caffeine consumption are shared determinants of problematic and irregular sleep onset, increased obesity, and poor well-being in 11-14-year-olds

Emma Louise Gale (United Kingdom)

P41: The role of oxycapnography vs cardiorespiratory polygraphy in the follow up of children on long term NIV

F. Martin Smith (United Kingdom)

P42: The risk of postoperative respiratory complications following adenotonsillar surgery in children with or without obstructive sleep apnea

Fanni Keseru (Hungary)

P43: What are the parent-perceived barriers and facilitators to consistent use of sleep-related routines with toddlers?

Fiona Tierney (United Kingdom)

P44: Caregiver-reported sleep characteristics of children with epilepsy and their caregivers in independently sleeping, regular co-sleeping and irregularly co-sleeping families

Fiona Tierney (United Kingdom)

P45: Parental cognitions about the sleep of children with epilepsy and the impact of a behavioural sleep intervention on these thoughts, feelings, beliefs and attitudes

Georgia Cook (United Kingdom)

P46: Improvement in quality of life with continuous positive airway pressure outweighs the treatment burden in children with obstructive sleep apnea

Gillian Nixon (Australia)

P47: Contributory factors for teen insomnia symptoms: A prospective cohort study in Sweden

Gita Hedin (Sweden)

P48: Adjusting apnea hypopnea index (AHI) in children with low REM% by polysomnography and its potential impact on OSA diagnosis and severity

Haneen Toma (Qatar)

P49: Narcolepsy - diagnosis challenges in pediatric age

Inês Cascais (Portugal)

P50: Can brief behavioral and sleep hygiene education with mindfulness intervention improve sleep patterns in adolescents? A pilot study

Ingibjörg Magnúsdóttir (Iceland)

P51: Testing the preliminary efficacy on child sleep outcomes in a psychoeducation-based brief behavioral intervention in school-aged children

Isabella Wright (United States)

P52: Paediatric obstructive sleep apnoea in an ethnically diverse population: Data from a single centre

Iveneet Heer (United Kingdom)

P53: Widening the access of sleep studies to patients with disability

Jane Orgill (United Kingdom)

P54: Caregiver preferences for narcolepsy treatment: A discrete choice experiment

Jennifer Gudeman (United States)

P55: Bedtime stories sleep health education program for caregivers in a community sample

Jessica Page (United States)

P56: Parent perceptions of sleep routines in newborns and young infants

Jodi A. Mindell (United States)

P57: Actigraphic and self-reported sleep outcomes and relationships to anxiety and depression symptoms in adolescents and young adults with cystic fibrosis: A mixed methods study

Jordana McMurray (Canada)

Posters in the Saturday session are organized by poster board number below.

P58: Burden of paediatric narcolepsy on patients and caregivers

Judith A. Owens (United States)

P59: Analysis of mandibular movements to improve ventilatory management of children with obstructive sleep apnea syndrome treated with continuous positive airway pressure or non-invasive ventilation

Julie Cassibba (France)

P60: Specialist sleep practitioner therapeutic support in a tertiary paediatric sleep service - a new model of working

Karen Curtain (United Kingdom)

P61: Gas exchange parameters for the prediction of obstructive sleep apnea in infants

Laurianne Coutier (France)

P62: Sleep architecture of children with specific learning disorder (SLD disorder), associated or not with ADHD

Lioret Julien (France)

P63: A preliminary common threads analysis of the views of clinicians working with families of children with ADHD and sleep difficulties

Lucy Smith (United Kingdom)

P64: Adolescents' suggestions on how to support their sleep

Malin Jakobsson (Sweden)

P65: Theory of mind impairment in childhood narcolepsy type 1: A case-control study

Marco Veneruso (Italy)

P66: Diagnosis of pediatric obstructive sleep apnea syndrome using smartphone home sleep video recording: SMARTSAS Study (NCT03743558)

Mohamed Akkari (France)

P67: Diagnosis of pediatric obstructive sleep apnea hypopnea syndrome using a risk score based on polysomnography sleep video recordings: A pilot study

Mohamed Akkari (France)

P68: Respiratory events after adeno-tonsillectomy in children: What does really happen on the first night?

Mohamed Akkari (France)

P69: Narcolepsy in children - a challenging diagnosis

Núria Madureira (Portugal)

P70: Teaching paediatric sleep medicine - sleep diaries as a tool for collecting relevant behavioural information in children and adolescents with neurodevelopmental disorders

Osman Ipsiroglu (Canada)

P71: Iron deficiency and restlessness in sleep/wake behaviours in developmental pediatrics and in child and adolescent psychiatry

Parveer Pandher (Canada)

P72: Sleep habits in Swedish children and adolescents - a longitudinal study

Pernilla Garmy (Sweden)

P73: Learning to crawl impacts spatial aspects of movement during sleep

Sarah Berger (United States)

P74: Sleep quality: Potential target to better understand obesity and cardiovascular risk in children?

Solveig Magnusdottir (United States)

P75: The impact of sleep on sensory processing and integration in autism

Valeria Mammarella (Italy)

Posters in the Sunday session are organized by poster board number below.

P01: Parent engagement with digital sleep health interventions for young children: A global scoping review

Alicia Chung (United States)

P02: Pilot study for modification of children's sleep-related fears by reading picture books

Angelika Schlarb (Germany)

P03: Obstructive sleep apnea paediatric dentistry screening: Scoping review

Benito Francesco Pio Pennacchio (Italy)

P04: Characteristics of children in foster care given melatonin for sleep

Candice Alfano (United States)

P05: Do school start times in British Columbia, Canada follow recommendations for start times? A population-based scan of publicly available school start times.

Elizabeth Keys (Canada)

P06: Sleeping tight, feeling right: Unveiling the impact of circadian misalignment on adolescent mental health

Isabella Wright (United States)

P07: The Xploro Project: The creation and rollout of a digital therapeutic app in Evelina London Sleep Study Service: A quality improvement project

Jane Orgill (United Kingdom)

P08: Maternal perceptions about implementing safe sleep guidelines and optimizing infant sleep

Jodi A. Mindell (United States)

P09: Assessment of nocturnal alveolar hypoventilation and obstructive sleep apnoea in otherwise healthy children

Julie Cassibba (France)

P10: Accuracy of clinical diagnosis versus polysomnography in the assessment of non-complex paediatric obstructive sleep apnoea

Katrina Burrows (United Kingdom)

P11: A 3 year analysis of UK cerebrospinal fluid hypocretin-1 data, comparison of results from paediatric and adult patients and the phenotype of those with intermediate levels. What does it mean when the result is neither up or down?

Kirstie Anderson (United Kingdom)

P12: Enabling non-contact sensor devices with ensembled ai for sleep apnea detection

Kyu Young Chae (South Korea)

P13: Comparison of clinical decision-making by oxycapnography or cardiorespiratory polygraphy in children on long-term ventilation

Laura Hill (United Kingdom)

P14: Breast milk and infant sleep

Lauren Booker (Australia)

P15: Persistent and symptomatic periodic breathing beyond the neonatal period in full-term infants: A case series

Laurianne Coutier (France)

P16: Father perceptions of sleep quality with intentional and unintentional co-sleeping

Levita D'Souza (Australia)

P17: Effect of caregivers' perception on short-term adherence of children with OSAHS treated with CPAP

Liqiang Yang (China)

P18: Approaches to decision making when initiating non-invasive ventilation in children

Lisa Farrell (Ireland)

P19: The CASTLE online sleep intervention (COSI) for children with epilepsy: Parents' use of COSI in a clinical trial

Luci Wiggs (United Kingdom)

Posters in the Sunday session are organized by poster board number below.

P20: Item overlap analysis of parent reported ADHD and sleep difficulties

Lucy Smith (United Kingdom)

P21: Canada's first "Week for Better Sleep" - An initiative to promote healthy sleep for Canadians

MacKayla Williams (Canada)

P22: Sleep respiratory disorders in children with the congenital Zika virus syndrome- a polysomnography and magnetic resonance analysis

Magda Lahorgue Nunes (Brazil)

P23: School nurses' experiences of sleep-promoting work

Malin Jakobsson (Sweden)

P24: Visual and automatic analysis of REM sleep atonia in patients with Rett syndrome

Marco Veneruso (Italy)

P25: Analysis of melatonin RCTs in children with neurodevelopmental disorders: Do we need to harmonize sleep research?

Mark Parinas (Canada)

P26: Sleep quality and daytime activity in children with obesity

Megan Emma Hodge (United Kingdom)

P27: Perceptions of 24-hour movement behaviours in adolescents with type 1 diabetes: A qualitative study

Mhairi Patience (United Kingdom)

P28: Treatment outcomes and cost effectiveness of using multi-channel studies to assess children with sleep disordered breathing

Michael Yanney (United Kingdom)

P29: Impact of a sleep literacy program on sleep patterns and sleep behaviors of preschool aged children: Preliminary results

Miguel Meira e Cruz (Portugal)

P30: Risk assessment of attention deficit hyperactivity disorder in children with sleep-disordered breathing

Min Zhi (China)

P31: Caregiver experiences of accessing and implementing tailored behavioural sleep interventions for children with neurodevelopmental conditions.

Miriam Shabetai (United Kingdom)

P32: Oxygen saturation indices in healthy neonates born after 32 weeks gestation: Longitudinal change and differences between term and pre-term infants

Molly Renton (United Kingdom)

P33: Exploring the impact of bedtime routine consistency and bedtime electronic use on infant sleep

Monica Ordway (United States)

P34: Nonlinear effects of harsh parenting on changes in children's sleep duration and sleep quality

Morgan Thompson (United States)

P35: Sleep disorders in children with Prader-Willi syndrome referred for polysomnography: Case series in a sleep center in Thailand

Na-bhadhra Wongwathanavikrom (Thailand)

P36: The relationship between timing and variability of bedtime in infants and parent perception of infant sleep

Natalie Barnett (United States)

P37: An association of self-reported symptoms and sensations among children mobile phone users who hold mobile phones near their heads during sleep

Neeraj Kumar (India)

Posters in the Sunday session are organized by poster board number below.

P38: Sleep-disordered breathing in infants with achondroplasia

Núria Madureira (Portugal)

P39: 24h urinary melatonin excretion patterns in children with ASD: Link with objective sleep-wake rhythms, behavioral patterns and family quality of life

Oriane Kolb (France)

P40: Pediatric sleep training in medical curricula: The perspective of the ChildRight2Sleep initiative

Osman Ipsiroglu (Canada)

P41: Polysomnography features of nocturnal short sleepers at two years of age

Outi Saarenpää-Heikkilä (Finland)

P42: Applicability of the vigilance concept in real life: Teaching lay-people the recognition of sleepiness

Parveer Pandher (Canada)

P43: Impact of vosoritide on polysomnography parameters among children aged 3-59 months

Paul Gringras (United Kingdom)

P44: Latent patterns of caffeine use among adolescents and its association with insomnia.

Pernilla Garmy (Sweden)

P45: Sleep problems and sleep disorders in children with dysautonomia referred to sleep clinics

Pornchada Srisinghasongkram (Thailand)

P46: Polysomnographic features of children with obesity: Can body mass index predict severe obstructive sleep apnea?

Prakarn Tovichien (Thailand)

P47: Two hours to Zzz: Preliminary Analyses on the short- and long-term effects of a child sleep intervention

Rachel Pétrin (Canada)

P48: Effects of discontinuation of Levothyroxine in patient with Trisomy 21 and its impact on sleep study results

Rachna Tiwari (United States)

P49: The effect of melatonin in the treatment of insomnia in Iranian children with neuromuscular diseases

Radmehr Nozari (China)

P50: Assessment of CFTR modulators impact on sleep in adolescents with cystic fibrosis

Raquel Lopes de Bragança (Portugal)

P51: Polysomnographic characterization of pinealectomized patients

Renata Gobetti (Brazil)

P52: Paediatric home sleep apnoea testing: Service audit

Ricky Damm (United Kingdom)

P53: Challenges, outcomes and lessons learnt following the Philips field safety notice - Children's Health Ireland experience

Roisin O'Neill (Ireland)

P54: Exploring an objective measure of overactivity in children with rare genetic syndromes

Rory O'Sullivan (United Kingdom)

P55: Effect of sleep disordered breathing severity in children with Down syndrome on parental wellbeing and social support

Rosemary Horne (Australia)

P56: Umbrella review: The efficacy and tolerability of non-pharmacological interventions for sleep problems in children and adolescents

Samantha Hornsey (United Kingdom)

P57: Impact of the onset of pre-linguistic and linguistic milestones on infants' sleep

Sarah Berger (United States)

Posters in the Sunday session are organized by poster board number below.

P58: Rock-a-bye Baby: Interruptions to infants' night sleep relate to decreased postural control during problem solving the next-day
Sarah Berger (United States)

P59: Comparison of 2 pulse oximetry measuring devices during sleep investigations in paediatric populations
Scott Tart (United Kingdom)

P60: Sleep trajectories and frequency of non-suicidal self-injury in adolescents: A person-oriented perspective over two years
Serena Bauducco (Sweden)

P61: Evaluation of sleep spindles activity and its relationship with daytime functioning in Iranian children with neuromuscular disorders.
Shabnam Jalilolghadr (Iran)

P62: Mind and skin: Exploring the links between sleep disturbance, neurocognitive function and inflammation in patients with atopic dermatitis
Shona Cameron (United Kingdom)

P63: Diagnosis and treatment of later onset congenital central hypoventilation syndrome in children
Shuyao Qiu (China)

P64: Sleep disturbances in children and adolescents with juvenile idiopathic arthritis - a cross-sectional and analytical study
Sofia Ferreira (Portugal)

P65: A prospective study evaluating night-to-night variability in sleep apnea severity in young children
Solveig Magnusdottir (United States)

P66: Volume-assured ventilation in children with congenital central hypoventilation syndrome
Stephanie Kuek (United Kingdom)

P67: Adapting an insomnia intervention for adolescents with co-morbid mental health problems: A Delphi study
Stephanie McCrory (United Kingdom)

P68: Later (evening) circadian preference is associated with poorer executive, academic, and attentional functioning in adolescents with and without ADHD
Stephen Becker (United States)

P69: An exploratory study of sleep and behavior problems based on sleep arrangement in a country with high co-sleeping rates
Sungkyoung Shin (South Korea)

P70: The development of an online Māori-led sleep intervention on sleep, wellbeing and connection in Aotearoa New Zealand families: the Moemoeā MOST trial
Takiwai Russell-Camp (New Zealand)

P71: Exploring sleep disordered breathing in patients with SME and DMD: A cohort retrospective study
Tina Luīze Čupāne (Latvia)

P72: Ventilator reported apnoea hypopnoea index in predicting titration of CPAP pressure
Vasileios Patelis (United Kingdom)

P73: DRIFT-OFF, diabetes-related insomnia in families and teenagers - Optimising control and facing fears
Victoria Foxall (Canada)

P74: Novel subtypes of infantile Prader-Willi syndrome using brain connectivity on overnight polysomnography
Woojoong Kim (South Korea)

P75: Sleep habits of patients with congenital cardiac problems: Preconception care interview
Yasunori Oka (Japan)

P76: Differentiating primary snoring from mild obstructive sleep apnea: How useful is overnight oximetry?
Yu Qian Koh (Singapore)

Sponsors and Exhibitors

Thank you to the sponsors and exhibitors of IPSA 2024 Glasgow!

Meet with our sponsors and exhibitors in the exhibition area next to registration and outside the Level 2 Auditorium. Exhibition hours are 9:00am to 5:00pm on Saturday, April 27 and 9:00am to 4:00pm on Sunday, April 28.

Sponsors and exhibitors listed in alphabetical order.



AGB-Pharma is an independent, Swedish, family-owned, pharmaceutical company dedicated to sleep health and specialises in the treatment of sleep disorders.

The business was founded by a Swedish Pharmacist who served his local community in the Swedish city of Lund, then scaled the organisation into the company it is today. AGB-Pharma focusses on delivering high quality, high value medicines to support patients with sleep problems.

Good sleep health involves more than just medication, therefore AGB-Pharma seeks to work in close partnership with healthcare providers. Through international expansion of its treatments for sleep disorders, AGB-Pharma hopes to increase awareness of sleep disorders and the effect they have on people who suffer from them.

Since AGB-Pharma was first established in 2020, the business has continued to manufacture and market its own products, at its production facilities in Scandinavia, whilst growing rapidly in European countries and now has an established presence in the UK.

UK-AGB-NPR-0004 February 2024



BIOPROJET is a European pharmaceutical laboratory that focuses its activity on clinical and pharmaceutical development, as well as the use and distribution of innovative pharmaceutical products that are first-in-class, opening new therapeutic horizons for patients.



At Flynn Pharma, we provide essential medicines for patients with specific needs, often by re-discovering and working with established speciality drugs and branded pharmaceutical products. We are proud to make a positive difference to patients through introducing new products, improving existing formulations or adding new indications.



Neurim Pharmaceuticals Ltd. (www.neurim.com) is a neuroscience pharma company, focusing on discovering and developing innovative drugs for CNS diseases.

In response to the unmet medical need in the field of pediatric insomnia among children with ASD, Neurim developed Slenyto® - an innovative age-appropriate formulation, indicated for the treatment of insomnia in children and adolescents aged 2-18 with ASD or Smith-Magenis syndrome (SMS).

Continued next page



Sponsors and Exhibitors



Royal Hospital for Children, Glasgow
RHC Glasgow is the largest children's hospital in Scotland and serves the West Coast of Scotland and beyond.

The hospital has excellent clinical and research facilities, including the largest purpose-built paediatric sleep laboratory in Scotland that undertakes a full range of inpatient clinical testing.

The sleep team provide remote monitoring and diagnostic services for rural communities. There is a highly active research portfolio, focussing on sleep innovation and diagnostics.

The Glasgow Children's Hospital charity support young people and their families during hospital visits and provide multiple activities during inpatient stays. They also fund research in and around the hospital. The pillowcase project was adopted by GCHC and many children have contributed artwork to the project.



Research Directions: Sleep Psychology is the premier journal for psychologists and sleep researchers whose work aims to answer critical theoretical, methodological, and application-level questions related to the psychology of sleep, dreams, and biological rhythms. Published by Cambridge University Press.



Royal Hospital for Children and Young People, Edinburgh
RHCYP Edinburgh is a children's hospital serving South-East Scotland.

This is a new hospital (opened 2021), continuing on from the years of care that were provided at the previous Royal Hospital for Sick Children site on the Meadows.

The hospital has world-class clinical and research facilities, including a purpose-built sleep laboratory that undertakes a full range of clinical testing as well as supporting an active research portfolio.

Young people who are patients at the hospital benefit from support from the Edinburgh Children's Hospital Charity and their team who provide youth workers to engage children in art and other activities. The pillowcase project was adopted by ECHC and more than 20 children from Edinburgh have contributed their artwork to the project.



The perfect match for pediatric sleep studies:
For more than 20 years

SOMNOmedics has specialized small, lightweight, wireless sleep diagnostic devices that can be worn by the patient or placed next to the bed. Our AASM compliant, German-made sleep diagnostic devices are modular and upgradeable. They can be used in-lab and/or at home, for adults and/or for pediatric patients and for a wide variety of sleep related conditions depending on the accessories and video options selected.



The Sleep Charity provides evidence-based information and support to empower youngsters to sleep well.

We are leading providers of accredited training for professionals through our Sleep Well Academy. We also campaign to raise awareness about the importance of sleep and are involved in several international research projects.
www.thesleepcharity.org.uk