Scandinavian College of NeuroPsychopharmacology

Programme

50th Annual Meeting of the Scandinavian College of NeuroPsychopharmacology

Copenhagen – 27-29 April 2009

Joint meeting with the Canadian College of NeuroPsychopharmacology
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Introduction
We are happy to announce that our 50th year Anniversary Meeting will take place in Copenhagen at the Mariott Copenhagen Hotel, from April 27th – 29th, 2009.

The meeting is a joint meeting with the Canadian College of Neuro-Psychopharmacology.

The theme is: **50 years of progress – back to the future**

Registration
Registration is made effective by using the registration form available on the SCNP website. Payment and/or payment advice must follow the registration form to guarantee registration. If payment is not received registration cannot be confirmed. Confirmation of registration is forwarded on receipt of the registration form and payment.

The registration form and further information is available on: www.scnp.dk

Call for Abstracts
Abstracts presented at the 50th Annual Meeting of the Scandinavian College of Neuro-Psychopharmacology will be published in the new online SCNP Journal ‘Scandinavian Neuropsychopharmacology’. Deadline for submission is March 1st 2009.

Guidelines to authors
Abstracts should be submitted on-line at the Abstract submission website: [http://scnp.dk/journal](http://scnp.dk/journal). Registration is needed before submission is possible. Remember to
sign up as author, when registering.

The submission process have 5 steps. Abstracts should be filled in the on-line forms (step 2) AND also uploaded as a file (step 3) using the Abstract Reproduction form. Abstracts for Poster Presentation at the Annual Meetings of the SCNP can be submitted by both members and non-members of the SCNP.

The abstracts submitted will be evaluated by the Scientific Committee who will decide if they are acceptable for presentation at the Annual Meeting. Abstracts may be rejected due to incomplete content or unsatisfying scientific quality.

Abstracts are open for submission by scientists independent of any relationship to the Nordic Countries in order to stimulate participation by internationally recognized scientists and secure a high scientific quality of the annual meetings as well as providing a fruitful international meeting place for young scientists.

The first authors of abstracts submitted must register and be present at the Meeting in order to have their abstracts accepted.

**Poster presentations**

*Guidelines for mounting of posters.*

Posters are being exhibited in the Foyer area of the Conference Center at the Mariott Copenhagen Hotel where coffee is served during the breaks of the Meeting. All posters should be mounted on Monday, April 27, 2009. The posters will be exhibited during the entire meeting period and should be dismantled on Wednesday, April 29, 2009.
Size of posters
Posters should measure as a maximum 140 cm in height and 90 cm in width to fit the size of the poster boards. Posters should be mounted by using double adhesive tape. All posters must appear in vertical format and only one poster board will be available for each poster.

Poster prizes
The Board of the SCNP is giving great emphasis to the Poster Session, which has become a very important part of the Scientific Programme. All posters will be part of the scientific competition and the participants of the Meeting are requested to cast their votes on the best poster.

Of the posters presented, the best posters will be awarded with the Janssen-Cilag Best Poster Award of EUR 2,000. The two runner-ups will each be awarded with EUR 1,000.

Janssen-Cilag Young Researchers Educational Grants
The Board of the SCNP is very pleased to announce that an Educational Grant made available by Jansen-Cilag Nordic Countries has made it possible for the SCNP to invite Young Researchers from the Nordic Countries to forward an application for participation in the 50th Annual Meeting of the SCNP by submitting an abstract for poster presentation at the Meeting (see Call for Abstracts). Deadline for submission is: March 1st 2009. Registration fee: EUR 200. Young Researchers who are not members of the SCNP must forward an application for membership (see SCNP website: www.scnp.dk)
Application Criteria
Young Researchers can apply if they meet the following criteria: A researcher with an MD or similar academic background working with clinical or basic research within the fields of psychiatry or neuropsychopharmacology. Less than 40 years of age.

Of the abstracts submitted by Young Researchers and accepted by the Scientific Committee the first 25 Young Researchers applying will be granted the following:

1. Registration fee of EUR 200
2. Hotel accommodation for 2 nights at Cab.Inn City Hotel.
3. A travel refund of EUR 230 independent of travel route or form.

SCNP Young Scientist Symposium
A challenging competition for an oral presentation in Young Scientists Symposium is an attractive part of the Scientific Programme. Only Members of the SCNP can participate in this competition. Abstracts submitted by young scientists (< 40 years of age) who wish to compete for participation in the Symposium should be clearly marked ‘Young Scientist’ and should indicate the date of birth. Abstracts must be received no later than March 1st 2009.

Of the abstracts received, six abstracts will be selected by the board of the SCNP for oral presentation in the Young Scientists Symposium. Each of the six young scientists will get their registration fee and hotel accommodation refunded. The best presentation will be awarded with the SCNP Young Scientist Award of EUR 3000 and the winner of the award will as well get his/her travel costs refunded as well.
Application for membership
Researchers and clinicians working within the field of neuropsychopharmacology can apply for membership of the SCNP by submitting the application form available on the SCNP-website: www.scnp.dk

Please observe that the application must be recommended and signed by a senior member of the College. Payment of DKK 600 must be forwarded with the application covering membership fee and administration. Payment should be forwarded by credit card using the payment option on the website. The Registration Fee should be forwarded separately with the Registration Form.

SCNP Research Grants - sponsored by The Lundbeck Foundation
SCNP members or persons who are applying for membership are eligible to apply for research grants. Younger researchers, in particular those who are carrying out or plan to start independent projects, are encouraged to apply. Certain priority will be given to projects aiming to elucidate etiology and pathophysiology of major neuropsychiatric disorders as well as to those that are developing new pharmacological treatment strategies. Senior researchers are invited to apply if they intend to start a novel project/new area of research not supported by their regular grant support.

Eligibility
If you have received SCNP research grants twice within the immediately preceding three years you will not be eligible.

DEADLINE FOR APPLICATION: FEBRUARY 15th 2009 at 12.00 GMT+1
**Application Procedure**
Prepare the form ‘RESEARCH GRANT APPLICATION’, available at the SCNP website (http://scnp.dk). Be careful to follow the instructions. When you have filled the form, visit the grant application sub-site, http://scnp.dk/grants2009 and follow the two step process: STEP 1: Make a Submission and STEP 2: Upload the form. Applications without form are incomplete, and will not be considered.

**Language**
The scientific language of the Meeting is English.

**Dates to remember**
- January 15, 2009    Deadline for early registration fee
- February 15, 2009   Deadline for SCNP Research grants
- March 1, 2009       Deadline for abstracts
- March 1, 2009       Deadline for Janssen-Cilag educational grants + abstract

On-site registration open at conference days.
Scientific Information

Congress venue - Copenhagen Marriott Hotel

With its windows on the quaint harbour in Denmark’s capital, the air-conditioned, fully serviced Copenhagen Marriott Hotel captures the charm of this fairytale city. Beyond the doors of this luxury hotel are Copenhagen’s most beloved city sights: the Little Mermaid, the twinkling lights of Tivoli Gardens and Europe’s longest pedestrian street, “Strøget”, all within a 20-minute stroll.

Inside you’ll find spacious accommodation offering exquisite water and city views, luxurious bedding with down comforters and rich linens, a desk and high-speed Internet access.

The Copenhagen Marriott Hotel has been recognized by World Travel Awards 2007 as “Denmark’s Best Conference Hotel”.

Address
Copenhagen Marriott Hotel
Kalvebod Brygge 5
1560 Copenhagen
Denmark
Phone: 45 88 33 99 00
Fax: 45 88 33 99 99
MONDAY, APRIL 27, 2009

12.00-12.20 General Assemblies SCNP & CCNP

12.30-12.45 Presidents’ Welcome
   Ole A. Andreassen (Oslo) & Harry Robertson (Halifax)

12.45-14.00 SCNP 50 Years Anniversary Symposium
   Moderator: Ulrik F. Malt (Oslo) & Aleksander A. Mathé (Stockholm)
   Emergence of modern psychopharmacology
   Arvid Carlsson (Gothenburg)
   History of SCNP
   Carl-Gerhard Gottfries (Sweden)
   SCNP contributions: rating scales
   Per Bech (Copenhagen)

14.00-14.30 Coffee break
14.30-16.00 Plenary Session
Neuroplasticity in psychiatry – the “shrink” and cell growth

Moderators: Gregers Wegener (Aarhus) & Chawki Benkelfat (Montreal)

Introduction: Why is neuroplasticity interesting for psychiatrists?
Eero Castren (Helsinki)

New vessels in hippocampus
Anders Tingström (Lund).

Synapse morphology in depression and recovery
Fenghua Chen (Aarhus)

Conditioned and sensitized dopamine responses in humans
Marco Leyton (Montreal)

16.15-16.45 SCNP Honorary Lecture
Moderator: Elias Eriksson
What’s new in autism
Christopher Gillberg (Gothenburg)

17.00-18.30 Janssen-Cilag Educational Symposium – Update in ADHD
Moderator: Christopher Gillberg (Gothenburg)
The etiology of ADHD: Genes or environment  
Henrik Larsson (Stockholm)

Treatment of ADHD in children and adults  
Speaker to be announced

ADHD in girls  
Christopher Gillberg (Gothenburg)

19.15 Welcome reception  
Copenhagen Town Hall
TUESDAY, APRIL 28, 2009

07.30-09.00 CCNP Educational Workshop
Research methods in schizophrenia, bipolar disorders and women’s health
Bill Honer (Vancouver, Canada)
Glenda MacQueen (Calgary, Canada)
Meir Steiner (Hamilton, Canada)

09.00-9.30 CCNP Young Scientist Award Lecture 2009
Moderator: Harold Robertson (Halifax)

9.30-11.00 SCNP Young Scientist Symposium
Moderators: Ole A. Andreassen (Oslo) & Gregers Wegener (Aarhus)

11.00-11.30 Coffee break

11.30-13.00 PARALLEL SESSIONS
I. New targets for the treatment of alcohol abuse/addiction
Moderators: Harry Robertson (Halifax) & Bjørn Appelberg (Helsinki)
The glycine transporter as a possible target for drugs against alcoholism  
*Bo Söderpalm (Stockholm)*

Topiramate in treatment of binge drinking  
*Bankole Johnson (Charlottesville, Virginia, USA)*

Ghrelin signaling as a possible target for drugs against alcoholism  
*Jörgen Engel (Gothenburg)*

Naltrexone as treatment for amphetaminism  
*Johan Franck (Stockholm)*

**II. Circadian Rhythms and Psychopathology**  
*Moderators: Sid Kennedy (Toronto) & Thordur Sigmundsson (Reykjavik)*

Sleep disturbances and ADHD  
*Reut Gruber (Montreal)*

Agomelatine treatment of depression  
*Sid Kennedy (Toronto)*

Seasonal Affective Disorder: An update  
*Andres Magnusson (Reykjavik)*

Circadian clock genes in neuropsychiatric disorders  
*Diane Boivin (Montreal)*

The role of melatonin in autism spectrum disorders  
*Jonas Melke (Paris)*
13.00-14.00 Lunch

14.00-15.00 Debate Pro-Contra

Moderators: Elias Eriksson (Gothenburg) & Eero Castren (Helsinki)
Jonas Frisén (Stockholm)
Arvid Carlson (Gothenburg)

15.00-15.30 SCNP 2009 - Lecture
Moderator: Torgny H. Svensson (Stockholm)

Antidepressant drugs – a Scandinavian history
Ingrid Carlberg (Stockholm)

15.30-16.00 Coffee break

16.00-17.30 Satellite Symposium

Second-generation antipsychotic drugs for both psychotic and affective disorders - neurobiological rationales
Moderators: Lars Farde (Stockholm) & Hans Ågren (Gothenburg)
Neurobiology - NET inhibition and the effects of antipsychotic drugs
Torgny H. Svensson (Stockholm)

A translational perspective on quetiapine - beyond an atypical
Svante Nyberg (Stockholm)

The role of dopamine and norepinephrine in the pathophysiology of mood disorders
Hans Ågren (Gothenburg)

The concept of atypicality - neuropharmacological underpinnings as revealed by molecular imaging
Lars Farde (Stockholm)

17.45-19.30 Poster Session
Refreshments

20.00 50th Anniversary Congress Dinner
WEDNESDAY, APRIL 29th, 2009

9.00-9.30  SCNP Scientific Frontiers Lecture
Moderator: Ole A. Andreassen (Oslo)

Serotonergic regulation of amygdala responsiveness
Ahmad R. Hariri (Pittsburgh, USA)

9.30-10.15  CCNP Heinz Lehmann Award Lecture

10.15-10.45 Coffee Break

10.45-12.30 PARALLEL SESSIONS
I. Recent updates in psychiatric genetics
Moderator: Vidar M. Steen (Bergen) & Gustavo Turecki (Montreal)

Vasopressin and pair bonding: from voles to man
Lars Westberg (Gothenburg)

Recent genetic findings in schizophrenia - implications for future drug discovery?
Thomas Werge (Roskilde)

Role of MicroRNA in Suicide
Carl Ernst (Montreal)
Genes involved in cognition
*Vidar M. Steen (Bergen)*

**II. Neuroimaging in mood disorders**
*Moderators: Albert Gjedde (Aarhus) & Doris Doudet (Vancouver)*

Opportunities for improving antidepressants: Lessons from PET ligand imaging
*Jeff Meyer (Toronto, Canada)*

Hippocampus and depression. Data from the Danish PET/depression project with 8 years follow-up
*Poul Videbech (Aarhus)*

Can we predict clinical response in depressed patients using structural and functional magnetic resonance imaging?
*Glenda MacQueen (Calgary, Canada)*

Emotional impact in the inferomedial prefrontal cortex
*Albert Gjedde (Aarhus)*

Animal models and imaging in mood disorders
*Doris Doudet (Vancouver)*

**12.30-13.30 Lunch**
13.30-14.00 The Lundbeck Foundation Research Award  
Moderator: Ole A. Andreassen (Oslo)

14.00-14.30 CCNP Innovations Award Lecture  
Moderator: Harry Robertson (Halifax)

14.30-16.00 Plenary Session  
ECNP scientific symposium: New treatments - Possible breakthroughs in recent clinical research  
Moderators: Elias Eriksson (Gothenburg, Sweden)

Ketamine as a potential immediate-onset treatment for depression  
*Speaker to be announced*

Scopolamine as a potential immediate-onset treatment for depression  
*Speaker to be announced*

Significance of group II metabotropic glutamate receptors for the treatment of schizophrenia  
*Speaker to be announced*

Protein kinase C inhibitor tamoxifen new concept in the treatment of mania  
Aysegl Yildiz (Izmir, Turkey)
Is lithium effective in ALS?
Francesco Fornai (Pisa, Italy)

16.00 Conclusion of Meeting
Ole A. Andreassen (Oslo) & Harry Robertson (Halifax)
ATMs/cash machines
ATMs offer a convenient way of withdrawing Danish money on a credit or debit card. Most banks have ATMs outside that are open 24 hours. All major cards are accepted.

Banks
Banks are open from 09:30 to 16:00 on weekdays with late hours until 18:00 on Thursdays (closed Saturdays and Sundays). There are numerous cash machines throughout the city and the plentiful bureaux de change are open during weekends.

Checks
Personal cheques made out by foreign visitors are normally not accepted, but banks cash Euro cheques and recognised traveller’s cheques at a fee. Most shops accept Euro cheques drawn in Danish Kroner as well as traveller’s cheques and international credit cards.

Climate
Our climate follows the four seasons of the northern hemisphere, but temperatures can vary considerably during the year, particularly during the winter period.

Currency
The Danish currency is the krone (DKK) which is divided into 100 oere.
Electricity
Denmark, like most other European countries, has 220-volt AC, 50Hz current and uses two-pin continental plugs.

Visitors from the UK will need an adaptor for electric appliances, whereas North Americans need a transformer in order to use their 110/125V appliances.

Health insurance
As a citizen of an EU country visiting Denmark, you are covered by public health insurance within the limits agreed upon between your own country and the Danish authorities.

Also, as a temporary foreign visitor, you are entitled to free medical treatment in hospitals and emergency wards if you are taken ill or have an accident, provided that you have not travelled to Denmark with the intention of obtaining treatment and are physically unable to return to your own country.

If you are a citizen of a non-EU country, you should ensure that you have adequate health insurance. Check with your travel agency or your insurance company.

Language
The language of Denmark is Danish. It is the sole language for official purposes. However, most Danes speak and understand English well.

Passport and Visa information
The most common credit card in Copenhagen is Visa, but you should have no problem finding ATMs/cash machines that accept
Mastercard or American Express as well. Major credit cards are widely accepted at hotels, stores, cafes and restaurants. Some places might charge a fee when accepting foreign credit cards as payment. Be sure to have your PIN code and a picture ID when using a credit card in Denmark.

**Smoking**
On 15 August 2007 a smoking ban in all public indoor areas was introduced.

Along with most other western European countries, Denmark has now imposed a blanket ban on smoking in public places. Smoking is forbidden in public buildings and private business - including restaurants, pubs, shops, public transport, entertainment venues and workplaces - throughout the country.

The only exception from the ban is for establishments with an area less than 40 sq.mtrs., which don’t serve fresh food - so you can still enjoy a cigarette in some smaller pubs if you’re lucky - some places have installed special smoking rooms but most refer smokers to the streets.

**Taxes**
The current Value Added Tax (VAT) rate is 25 per cent. VAT is included in hotel and restaurant bills, entrance fees, etc. and cannot be refunded on these services.

Tax Free shopping is possible in many major shops and department stores for visitors from non-EU and non-Scandinavian countries.
The VAT is refunded at the airport upon presenting a completed VAT refund form. To achieve the VAT refund, a minimum purchase of DKK 300 per shop is required.

Time zone
Denmark follows Central European Time (CET) which is one hour ahead of Greenwich Mean Time (GMT) and six hours ahead of Eastern Standard Time (EST).

Tipping
Service is normally included in restaurant, hotel and taxi bills, so any further tip should only be given for exceptionally good service.

It is not uncommon, however, to round up the bill.

Visas and passports
If you are an EU citizen, you must either present a passport or an ID card valid for the duration of your stay in order to enter Denmark for tourist visits of up to three months.

Citizens of other countries must have a valid passport. Some non-EU citizens are required to produce a visa. Please contact your travel agent or the nearest Danish diplomatic post for further information.
Denmark consists of the peninsula of Jutland and approx. 407 islands, of which c. 79 are inhabited (2007). Of these, the largest and most densely populated are Zealand on which the capital of Copenhagen is situated, Funen and the north Jutland island. In addition to Denmark itself, the kingdom also includes the Faroe Islands and Greenland.

**Kingdom**
Towards the end of the 10th century, Denmark was united into a single kingdom. It has been an independent country ever since, and is thus one of the oldest states in Europe.

**Government**
The form of government is a parliamentary democracy with a royal head of state. The system of production is capitalist (economic liberalism) with private ownership of businesses and production. The state and other public authorities, however, exercise a considerable regulatory control and provide comprehensive services for the citizens.

**Standard of living**
Denmark is a developed industrialised country. By international standards, the standard of living is high, and the differences between rich and poor are smaller than in many of the countries with which Denmark is traditionally compared.

**European Union**
Denmark is a member of the European Union. The proximity of Germany has traditionally orientated the country south in an economic and political sense, but close co-operation with Sweden,
About

Denmark

Norway, Finland and Iceland, with which Denmark enjoys a passport union, also ties Denmark to the North.

Population
The population stands at c. 5,482 million, and the population density is c. 126.4 per square kilometre. Foreign immigrants and their descendants amount to c. 478,000.

Language
The language is everywhere Danish, and the vast majority of the population has been baptised into the established protestant church. Denmark is therefore nationally and culturally very homogeneous.

Agriculture and industrial production
Danish agriculture is highly developed, producing a considerable surplus of manufactured foods which are exported to other countries.

Industrial production is very varied in relation to the size of the country. Among the commodities that have made Denmark known abroad are, in addition to agricultural produce, beer, medicines, furniture, shipping, wind turbines and products of the advanced metal industries.

Economy and trade
Denmark has an open economy, and trade with the rest of the world is of great importance. Imports and exports of goods and services thus represent, respectively, c. 37% and 43% of the country’s GDP (2003). Around 2/3 of foreign trade is with the other countries in the EU; the remainder is divided among a very large number of trading partners, of which Norway and the USA are the most important.
Copenhagen - the capital of Denmark - has attractions and sights to suit every taste and interest. We have picked a few must-see spots.

**The Little Mermaid**

Hans Christian Andersen wrote a fairy tale about her, Disney produced the movie, and Copenhagen maintains a statue in her honour. The Little Mermaid continues to be the most popular tourist attraction in Denmark and one of the most photographed statues in the world.

Based on Hans Christian Andersen’s fairy tale
In 1909 the founder of Carlsberg, Brewer Carl Jacobsen attended Hans Beck’s and Fini Henriques’ ballet ‘The Little Mermaid’ based on Hans Christian Andersen’s fairy tale by the same name.

Deeply impressed by this performance the brewer asked sculptor Edvard Eriksen (1876-1958) to create a sculpture. The bronze statue was unveiled at Langelinie on 23 August 1913 as a donation from Brewer Jacobsen to the City of Copenhagen.

**Tivoli**

Tivoli, the highly popular amusement park, was founded in 1843 and is a beautiful, romantic park with a unique atmosphere.

Tivoli Gardens are situated only few minutes walk from the City Hall Square in the centre of Copenhagen and offers everything a tourist may desire from a fairytale garden: 32 restaurants, 26 amusements, 400,000 flowers, 110,000 lamps, concerts, artiste shows and the Tivoli Boys Guard.
Amalienborg Palace
Amalienborg Palace, the royal couple’s winter residence, is a major architectural work and probably the most outstanding piece of Rococo architecture in Denmark.

Amalienborg comprises four palaces and was originally conceived as town mansions for families of the nobility at the beginning of the 1750’s. In 1794, after the fire at Christiansborg Castle, the mansions came into the possession of the Royal Family.

At Amalienborg Palace the Royal Guard is on duty for 24 hours. The relief takes place every day at 12 o’clock noon.

The National Museum
The National Museum is Denmark’s largest museum of cultural history. The museum’s main domicile is a classical 18th century mansion just a stone’s throw from ‘Strøget’ at the center of Copenhagen. The National Museum is the museum for all Denmark, where you can follow the history of the Danes right down to the present day. And you can get around the world from Greenland to South America.

The museum’s do-it-yourself guides only take an hour, and make it easy to get an overview of the 10,000 square metre exhibition area.

The National Gallery
Statens Museum for Kunst, the Danish national gallery, is the only place in Denmark which features 700 years of Western art and cultural history under one roof. The museum houses a
large collection of Danish and international paintings, sculptures, drawings, and installations. The museum is located in central Copenhagen near the Nørreport and Østerport stations.

**Strøget**
Copenhagen’s largest shopping area is centred on Europe’s longest pedestrian shopping street, Strøget, and the streets that surround it.

Strøget is Denmark’s premier shopping street. International titans like Prada, Max Mara, Louis Vuitton, Cerutti, Mulberry, Chanel, Marlboro, Karen Millen, Hermès and Boss are represented at the Kgs. Nytorv end of Strøget, but if you are shopping on a budget, head further down the pedestrian street, where you will find excellent value clothes in shops like Hennes & Mauritz.

Strøget is also a popular venue for street performers.

**Canal tours**
A tour on the old canals is one of the biggest tourist attractions and an experience you should not miss. The boats take you through all parts of the old city and pass many of the most famous sights.

**Round Tower**
The Round Tower was built on the initiative of King Christian IV (1588-1648). The tower was the first stage of the Trinitatis complex, which was to gather three important facilities for the scholars of the seventeenth century: an astronomical observatory, a student’s church and a university library. The tower was completed in 1642.
About Copenhagen

The Tower is built in the old Latin Quarter and right in the heart of Copenhagen.

A 209-metre-long winding passage leads to the platform and the Observatory at the top of the tower from here you have a magnificent view over the old town, house roofs and church towers.