



Second International Congress of Applied Chronobiology & Chronomedicine

ICACC 2007
El Mouradi Hotel – Tunis Gammarth
March 23 – 28, 2007

Congress

SPEAKERS

Post-University Courses

Pr A. Reinberg (FR)
Pr Y. Touitou (FR)
Pr E. Haus (USA)
Pr M. Smolensky (USA)
Dr F. Lévi (FR)
Pr B. Lemmer (GER)

Plenary Lectures

Dr F. Rouyer (FR)
Dr M. Challamel (FR)
Pr M. Khairallah / Dr S. Ben Yahia (TN)
Dr T. Danel (FR)
Pr E. Haus (USA)

Symposia

Pr A. Reinberg (FR)
Pr J. Waterhouse (UK)
Pr I. Ashkenazi (IL)
Pr D-J Dijk (UK)
Pr C. Cajochen (CH)
Pr E. Ferrari (IT)
Pr B. Bruguerolle (FR)
Pr Y. Touitou (FR)
Pr C. Bartsch (GER)
Pr D.J. Skene (UK)
Pr O. Reinberg (CH)

Pr M. Billiard (FR)
Pr Y. Dagan (IL)
Pr B. Lemmer (GER)
Pr H. Zengil (TR)
Dr F. Lévi (FR)
Dr G. Bjarnason (CAN)
Dr E. Schernhammer (USA)
Pr R. Hermida (SP)
Pr F. Portaluppi (IT)
Pr A. Fujimura (JP)
Pr M. Smolensky (USA)

Synopsis

	March 23	March 24	March 25	March 26	March 27	March 28
8 :30	Course Registrations	Plenary Lecture 1 <i>Translational Molecular</i>	Plenary Lecture 2 <i>Chronobiology and Ocular Pathologies</i>	Plenary Lecture 3. <i>Sleep in children</i>	Plenary Lecture 4. <i>Drug Addiction</i>	Plenary Lecture 5. <i>Nutrition and Chronobiology</i>
9 :00	Post Graduate	Symposium 1 <i>Rhythm Desynchronization</i> <i>Conference 1 - Conference 2</i>	Symposium 3 <i>Pineal Gland and Melatonin</i> <i>Conference 1 - Conference 2</i>	Symposium 4 <i>Sleep and Sleep Disorders</i> <i>Conference 1 - Conference 2</i>	Symposium 5 <i>Chronopharmacology and Chronotherapeutics</i> <i>Conference 1 - Conference 2</i>	Symposium 7 <i>Hypertension and Cardiovascular Diseases</i> <i>Conference 1 - Conference 2</i>
9 :30	Course 1					
10 :00	Course 2					
10 :30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11 :00	Course 3	S1. <i>Conference 3</i> <i>Conference 4</i>	S3. <i>Conference 3</i>	S4. <i>Conference 3</i>	S5. <i>Conference 3</i>	S7. <i>Conference 3</i> <i>Conference 4</i>
11 :30	Course 4	Oral Presentations	Oral Presentations	Oral Presentations	Oral Presentations	Oral Presentations
12 :00						
12 :30						
13 :00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14 :00						
14 :30	Course 5	Symposium 2 <i>Development & Ageing</i> <i>Conference 1 - Conference 2</i>			Symposium 6 <i>Cancer</i> <i>Conference 1 - Conference 2</i>	Congress Closing
15 :00						
15 :30	Coffee Break	Coffee Break			Coffee Break	
16 :00	Course 6	S2. <i>Conference 3</i> <i>Conference 4</i>			S6. <i>Conference 3</i>	
16 :30						
17 :00	Congress Opening	Oral Presentations			Oral Presentations	
17 :30						
18 :00	Welcome Cocktail	Poster Sessions 18:30 – 19:30			Poster Sessions 18:30 – 19:30	
					Gala Dinner 21:00	

I. Post-Graduate Courses

Chronobiology: Basic and Clinical Aspects

Day 1 *Friday, March 23rd, 2007*

9h00 – 9h45	Course 1. <i>Chronobiology: Concepts and Definitions</i>	(PR A. REINBERG, FR)
9h45 – 10h30	Course 2. <i>Melatonin, a signal for rhythm synchronization</i>	(PR Y. TOUITOU, FR)
10h30 – 10h45	DISCUSSIONS	
10h45 – 11h05	COFFEE BREAK	
11h05 – 11h50	Course 3. <i>Medical chronobiology: applications to diagnosis and treatment</i>	(PR E. HAUS, USA)
11h50 – 12h35	Course 4. <i>Chronobiology and chronotherapy of asthma and chronic obstructive lung disorders</i>	(PR M. SMOLENSKY, USA)
12h35 – 12h45	DISCUSSIONS	
12h45 – 14h15	LUNCH	

14h15 – 15h45	Course 5. <i>Experimental and clinical chronotherapeutics of cancer</i> (DR F. LÉVI, FR)
15h45 – 16h30	Course 6. <i>Use of radiotelemetry in experimental hypertension in rats and mice</i> (PR B. LEMMER, GER)
16h30 – 16h45	DISCUSSIONS
17h00 – 18h00	CONGRESS OPENING (BY THE MINISTER OF PUBLIC HEALTH)
18h00 – 19h00	WELCOME COCKTAIL

II. Scientific Meetings (5 Plenary Lectures & 7 Symposia)

Day 2 Saturday, March 24th, 2007

8h30 – 9h15	Plenary Lecture 1. TRANSLATIONAL MOLECULAR CHRONOMEDICINE <i>Clock genes and clock cells: what the flies tell us</i> (DR F. ROUYER, FR)
9h15 – 9h45	Symposium 1. RHYTHM DESYNCHRONIZATION - <i>Human Brain Desynchronization: Hand Side-Related Differences in Rhythms of Reaction Times are Task-Load Dependent</i> (PR A. REINBERG, FR)
9h45 – 10h15	- <i>Rhythm desynchronization</i> (PR J. WATERHOUSE, UK)

10h15 – 10h30	DISCUSSIONS
10h30 – 10h50	COFFEE BREAK
10h50 – 11h20	- <i>Desynchrony and compound rhythms</i> (PR I. ASHKENAZI, IL)
11h20 – 11h50	- <i>Individual differences in the response to sleep loss and desynchrony</i> (PR D.J DIJK, UK)
11h50 – 12h00	DISCUSSIONS
12h00 – 13h00	ORAL COMMUNICATIONS
13h00 – 13h15	DISCUSSIONS
13h15 – 15h00	LUNCH
	Symposium 2. DEVELOPMENT AND AGEING
15h00 – 15h30	- <i>A chronobiological approach to the study of age-related endocrine changes</i> (PR E. FERRARI, IT)
15h30 – 16h00	- <i>Age related changes in the circadian and homeostatic regulation of human sleep</i> (PR C. CAJOCHEN, CH)
16h00 – 16h15	DISCUSSIONS
16h15 – 16h35	COFFEE BREAK

16h35 – 17h05	- <i>Chronopharmacology in the Elderly</i> (PR B. BRUGUEROLLE, FR)
17h05 – 17h45	ORAL COMMUNICATIONS
17h45 – 18h00	DISCUSSIONS
18h00 – 19h45	POSTERS PRESENTATION

Day 3 *Sunday, March 25th, 2007*

8h30 – 9h15	Plenary lecture 3. CHRONOBIOLOGY AND OCULAR PATHOLOGIES <i>Chronobiology and Glaucoma</i> (PR M. KHAIRALLAH /PR S. BEN YAHIA , TN)
9h15 – 9h45	Symposium 4. PINEAL GLAND AND MELATONIN - <i>Melatonin in psychiatric diseases</i> (PR Y. TOUITOU, FR)
9h45 – 10h15	- <i>Therapeutic potential of Melatonin in circadian rhythm disorders</i> (PR D.J. SKENE, UK)
10h15 – 10h30	DISCUSSIONS
10h30 – 10h50	COFFEE BREAK
10h50 – 11h20	- <i>Melatonin and cancer</i> (PR C. BARTSCH, GER)

11h20 – 11h50	ORAL COMMUNICATIONS : PINEAL GLAND AND MELATONIN
11h50 – 12h05	DISCUSSIONS
12h05 – 12h35	ORAL COMMUNICATIONS : SPORT MEDICINE AND PERFORMANCE
12h35 – 12h45	DISCUSSIONS
12h45 – 14h30	LUNCH
14h30 – 18h30	SOCIO-CULTURAL EXCURSION : <i>Bardo Museum and Tunis Medina tour</i>

Day 4 *Monday, March 26th, 2007*

8h30 – 9h15	<p>Plenary lecture 2. SLEEP IN CHILDREN</p> <p><i>The development of circadian rhythmicity and sleep disorders in children</i></p> <p>(DR M. CHALLAMEL, FR)</p>
9h15 – 9h45	<p>Symposium 3. SLEEP AND SLEEP DISORDERS</p> <p>- <i>Circadian rhythm sleep disorders resulting from alterations of the circadian timing system</i></p> <p>(PR M. BILLIARD, FR)</p>
9h45 – 10h15	<p>- <i>Sleep disorders in women endocrine life cycles</i></p> <p>(PR Y. DAGAN, IL)</p>

10h15 – 10h30	DISCUSSIONS
10h30 – 10h50	COFFEE BREAK
10h50 – 11h20	- <i>The Trauma does not happen at random: predictable rhythms of injury occurrences</i> (PR O. REINBERG, FR)
11h20 – 12h00	ORAL COMMUNICATIONS
12h00 – 12h15	DISCUSSIONS
12h15 – 14h30	LUNCH
14h30 – 18h30	SOCIO-CULTURAL EXCURSION: Carthage & Sidi Bou Said tours

Day 5 *Tuesday, March 27th, 2007*

8h30 – 9h15	Plenary lecture 4. DRUG ADDICTION <i>Addiction and body clock: clinical approach and theoretical hypothesis</i> (PR T. DANIEL, FR)
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	<p>Symposium 5. CHRONOPHARMACOLOGY AND CHRONOTHERAPEUTICS</p>
9h15 – 9h45	<p>- <i>Chronopharmacology has an impact on treatment of hypertension</i> (PR B. LEMMER, GER)</p>
9h45 – 10h15	<p>- <i>Chronopharmacokinetics</i> (PR B. BRUGUEROLLE, FR)</p>
10h15 – 10h30	<p>DISCUSSIONS</p>
10h30 – 10h50	<p>COFFEE BREAK</p>
10h50 – 11h20	<p>- <i>Chronobiology and Chronopharmacology of pain</i> (PR H. ZENGIL, TR)</p>
11h20 – 12h00	<p>ORAL COMMUNICATIONS</p>
12h00 – 12h15	<p>DISCUSSIONS</p>
12h15 – 14h30	<p>LUNCH</p>
	<p>Symposium 6. CANCER</p>
14h30 – 15h00	<p>- <i>Implications of circadian clocks in liver vs tumor for the rhythmic delivery of anticancer drugs</i> (DR F. LÉVI, FR)</p>
15h00 – 15h30	<p>- <i>Optimisation of tolerability of radiation therapy for head and neck cancers</i> (PR G. BJARNASON, CAN)</p>

15h30 – 15h45	DISCUSSIONS
15h45– 16h05	COFFEE BREAK
16h05 – 16h35	- <i>Circadian disruption vs melatonin suppression as a risk factor for human cancers</i> (DR E. SCHERNHAMMER, USA)
16h35 – 17h35	ORAL COMMUNICATIONS
17h35– 17h50	DISCUSSIONS
18h00 – 19h30	POSTERS PRESENTATION
21h 00	GALA DINNER

Last Day *Wednesday, March 28th, 2007*

8h30 – 9h15	Plenary lecture 5. NUTRITION AND CHRONOBIOLOGY <i>Chronobiology of Appetite and Weight Control</i> (PR E. HAUS, USA)
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<p>9h15 – 9h45</p> <p>9h45 – 10h15</p>	<p>Symposium 7. HYPERTENSION AND CARDIOVASCULAR DISEASES</p> <p>- <i>Chronobiology and chronotherapy of hypertension</i> (PR R. HERMIDA, SP)</p> <p>- <i>Circadian variation of blood pressure: underlying mechanisms and rationale for a chronotherapy of hypertension</i> (PR F. PORTALUPPI, IT)</p>
<p>10h15 – 10h30</p>	<p>DISCUSSIONS</p>
<p>10h30 – 10h50</p>	<p>COFFEE BREAK</p>
<p>10h50 – 11h20</p> <p>11h20 – 11h50</p>	<p>- <i>Chronotherapy of ACE inhibitors based on animal models and patient studies</i> (PR A. FUJIMURA, JP)</p> <p>- <i>Unresolved/New Issues in the Chronobiology and Chronotherapy of Hypertension</i> (PR M. SMOLENSKY, USA)</p>
<p>11h50 – 12h05</p>	<p>DISCUSSIONS</p>
<p>12h05 – 12h45</p>	<p>ORAL COMMUNICATIONS</p>
<p>12h45 – 13h00</p>	<p>DISCUSSIONS CLOSING OF THE CONGRESS</p>
<p>13h00 – 14h30</p>	<p>LUNCH</p>