

INSULA

Rediscovering
the Hidden Lobe of the Brain

à la **redécouverte** du lobe caché du cerveau

May 11-12 mai 2020

42^e Symposium international en neurosciences

Département de neurosciences
Faculté de médecine

Université
de Montréal
et du monde.

Comité organisateur | Organizing Committee : Olivier BOUCHER, Paul CISEK, Alain DAGHER, Karim JERBI, Didier JUTRAS-ASWAD, Dang K. NGUYEN, Pierre RAINVILLE

Lundi, 11 mai | Monday, May 11

7 h 30 – 8 h 30



ACCUEIL DES PARTICIPANTS | ARRIVAL OF PARTICIPANTS

8 h 30 – 9 h

Mots de bienvenue | Opening Statements

8 h 30 – 8 h 45

Christian Baron, vice-doyen, à la recherche et au développement, Faculté de médecine

8 h 45 – 9 h

D^r Patrick Cossette, directeur du Département de neurosciences, Faculté de médecine

9 h – 11 h 45

SESSION 1 – INSULAR CORTEX: ANATOMY, CONNECTIVITY, & FUNCTIONS

Modérateur | Moderator :

9 h – 9 h 35

Henri C. EVRARD, PhD | Max Planck Institute

Body-mind interface in the primate cortex: neuroanatomical and functional insights

9 h 35 – 10 h 10

Philippe KAHANE, MD, PhD | Grenoble Institute Neurosciences

What did we learn with direct electrical stimulation of the insula

10 h 10 – 10 h 35



PAUSE-CAFÉ | COFFEE BREAK

10 h 35 – 11 h 10

Dana SMALL, PhD | Yale University

Nutrient sensing in the human insular cortex

11 h 10 – 11 h 45

Sarah N GARFINKEL, PhD | University of Sussex

Dissecting Dimensions of Interoception

11 h 45 – 13 h



DÎNER | LUNCH

13 h – 14 h 30

SESSION D’AFFICHES | POSTER SESSION

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14 h 30– 17 h

SESSION 2 – INSULA AND RISK: FROM ADAPTED DECISION- MAKING TO PATHOLOGY

Modérateur | Moderator :

14 h 30 – 15 h 05

Antoine BECHARA, PhD | University of Southern California

Role of the insula in addictive behaviors: Implications for risk perception and the opioid epidemic

15 h 05 – 15 h 40

Alain DAGHER, MD | McGill University

Insula in addiction and obesity

15 h 40 – 16 h

 PAUSE-CAFÉ | COFFEE BREAK

16 h – 16 h 35

William Kyle SIMMONS, PhD | Oklahoma State University

The Interoceptive insula: Linking What the Body Needs and the Brain Wants

16 h 35 – 17 h 10

Bernard LE FOLL, PhD | University of Toronto

Potential of insula as a therapeutic target for addiction

17 h 10 – 17 h 50

SESSION D’AFFICHES | POSTER SESSION

18 h – 22 h

**Cocktail et banquet
Restaurant Le Cercle
3000, Chemin de la Côte-Sainte-Catherine**

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Mardi, 12 mai – Tuesday, May 12

7 h 30 – 8 h 30



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8 h 30 – 11 h 30

SESSION 3 - THE INSULA AND THE SOCIO-EMOTIONAL BRAIN

Modérateur | Moderator:

8 h 30 – 9 h 10

Tor D. WAGER, PhD | Dartmouth College

Divergent roles for insular subregions in pain, emotion, and cognition

9 h 10 – 9 h 50

Luiz PESSOA, PhD | University of Maryland

The dynamics of aversive and appetitive processing

9 h 50 – 10 h 10



PAUSE-CAFÉ | COFFEE BREAK

10 h 10 – 10 h 50

Lucina Q. UDDIN, PhD | University of Miami

The role of the insula in the salience/midcingulo-insular network

10 h 50 – 11 h 30

Fabienne PICARD, MD | University Hospitals of Geneva

Epilepsy and ecstatic experiences : the role of the insula

11 h 30 – 12 h 30



DÎNER | LUNCH

12 h 30 – 13 h 30

SESSION D’AFFICHES | POSTER SESSION

13 h 30– 16 h

SESSION 4 - ROLE OF THE INSULA IN NEUROPATHOLOGY

Modérateur | Moderator :

13 h 30 – 14 h 05

Luis GARCIA-LARREA, MD, Ph. D. | Claude Bernard University Lyon 1

One insula: two worlds in pain

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14 h 05 – 14 h 40 Dang NGUYEN, M.D., Ph. D., FRCPC | Université de Montréal

Insular Cortex Epilepsy

14 h 40 – 15 h 15 ☕ PAUSE-CAFÉ | Coffee Break

15 h 15 – 15 h 50 Georg NORTHOFF, MD, PhD | University of Ottawa

The insula - why it is so important for the self and its psychiatric disorders

15 h 50 – 16 h 25 Wilma VAN DE BERG, PhD | Amsterdam University Medical Center

Parkinson's disease and related disorders

16 h 25 – 16 h 35 **MOT DE CLÔTURE | CLOSING STATEMENT**

Dang Nguyen

CHAIRE POWER CORPORATION
DU CANADA EN NEUROSCIENCES
DE L'UNIVERSITÉ DE MONTRÉAL

