

## PROGRAM

### Monday, October 21, 2019

12h00 Registration begins

Lunch

15h30 Welcome Introduction

### **Special session on Extracellular Vesicles and Cancer**

Janusz Rak (McGill)

Extracellular vesicles and glioblastoma

Peter Quesenberry (Brown)

Extracellular vesicles and stem cell plasticity in leukemia

Lynne Postovit (Alberta)

Epigenetics of stem cell plasticity in breast cancer

18h15 Afternoon session

20h00 Special opening event wine tasting on falls

### Tuesday, October 22, 2019

### **ICCNS-SPRINGER Award Speaker – Cynthia Kenyon**

*“Can we stop aging?”*

12h00 Lunch

13h45 Afternoon sessions

**Dinner on your own**

## **Wednesday, October 23, 2019**

8h30 Morning Sessions

12h30 Lunch

13h45 Afternoon Session & Posters

## **GALA DINNER**

## **Thursday, October 24, 2019**

### **Buffet Breakfast and Departure**

The *topics of the Sessions* will cover several key aspects of the CCN proteins biological functions in normal and pathological conditions: Structure-function relationships, regulation of CCN proteins expression with their role in tissue healing and regeneration, bone and cartilage biology, tissue fibrosis, skin biology and nervous system; their involvement in intercellular signaling and extracellular matrix biology, developmental biology, inflammatory processes and pathobiology including vascular diseases, cancer development and more ...

### **Confirmed speakers and provisional titles**

#### **Peter Quesenberry**

*Extracellular vesicles: biologic and therapeutic implications*

#### **Janusz Rak**

*Genetic and epigenetic driver events as regulators of extracellular vesicle-mediated communication in cancer*

#### **Lynne Postovit**

*Epigenetics of stem cell plasticity in breast cancer*

#### **Sushanta Banerjee**

*Targeting Pancreatic Stem cells by CCN1-inhibitor or Activator of CCN5*

#### **Federica Accornero**

*The role of CCN2 in muscle remodeling*

#### **Mary Barbe**

1) *Blocking CCN2 prevents development of sensorimotor declines*  
2) *Tissue fibrosis induced by repetitive reaching and grasping at high force levels*

#### **Maureen Gannon**

*Function of CCN2 in pancreatic beta cell proliferation and regeneration*

**Brahim Chaqour**

*Role of the CCN1-YAP  
angiotransduction pathway in blood  
vessel development and regeneration*

**Andrew Leask**

*CCN proteins as antibiotic targets*

**Frederick Tam**

*Urinary CTGF and MCP-1 in diabetic  
nephropathy*

**Kunimasa Ohta**

*Involvement of Tsukushi in human  
neuronal disease*

**Satoshi Kubota**

*Long noncoding RNAs that regulate  
CCN2*

**Lester Lau**

*The role of CCN1 in inflammation and  
innate immunity*

**Shu Wu**

*Differential roles of CCN1 and CCN2  
in Neonatal Lung Injury*

**Vivi T. Monsen**

*Novel Signaling Functions of CCN5*

**Herman Yeger**

*Anti-inflammatory natural  
compounds alter the phenotype of  
neuroblastoma exosomes: therapeutic  
implications*

**George Bou-Gharios**

*CCN2 transcriptional control: a tale  
of promiscuity !*

**Håvard Attramadal**

*CCN Proteins Are Preproteins that  
Require Proteolytic Activation*

**Liya Pi**

*Transcriptional Regulation of  
Connective Tissue Growth Factor in  
Hepatocytes During Liver  
Regeneration and Liver fibrosis*

**Gary Fisher**

*Regulation of CCN1 and CCN2 by  
transcription factors Yap/TAZ in skin*

**Celina Kleer**

*CCN6 functions to regulate  
mitochondrial metabolism in breast  
cancer*

**Abraham Nader**

*NOV/CCN3 a biomarkers for  
obstructive sleep apnea and obesity*

**Other confirmed speakers with titles to be announced:**

**Katia Scotlandi, Taihao Quan, Masaharu Takigawa, Douglas Hamilton,  
Abdellatif El-Seoudi, Stephen Twiggs, David Brigstock, Zhiyong Lin, Denise  
Fitzgerald,**