



## *PROGRAM – Friday, March 26 2021*

9 h 00 – **Opening remarks from the Director of the VHRN**  
9 h 05 **Michel Cayouette, PhD**

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9 h 05 – **Plenary Speaker from Cornea and Anterior Segment**  
9 h 45 **Moderator: May Griffith, PhD**

*COVID-19/20/21 and the eye*

**James Chodosh, MD, MPH**

Massachusetts Eye and Ear Infirmary (MEEI), Harvard Medical School, Boston, MA, United States

9 h 45 – 9 h 55 **Break**

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9 h 55 – **Session 7: Oral Presentations**  
10 h 35 **Moderator: Isabelle Brunette, MD, FRCSC**  
**Oral Presentations 17 to 20**

10h 35 – 10 h 45 **Break**

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10 h 45 – **Session 8: Oral Presentations**  
11 h 25 **Moderator: Stéphanie Proulx, PhD**  
**Oral Presentations 21 to 24**

11 h 25 – **Session 9: Poster Presentations**  
14 h 00 *« Interactive Virtual Poster Session Platform » on Fourwaves*  
**Posters 67 to 80**

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14 h 00 **End of the presentations**  
16 h 00 **Prizes (email)**

**Opening remarks, Plenary Speaker and Oral presentations:** Zoom Platform (registration mandatory)

**Interactive program + Interactive Virtual Poster Session Platform:** Fourwaves (registration mandatory, log in required)




Detailed program

## March 26 2021- Oral presentations

### Abstract

#### Session 7 : Oral Presentations

**Moderator : Isabelle Brunette, MD, FRCSC**

<b>17</b>	<b>9h55</b>	Tear Film Cytokine Profile of Boston Keratoprosthesis Type 1 Patients with Glaucoma <u>Dominique Geoffrion</u> , Marie-Claude Robert, Adriana Di Polo, Robert K. Koenekoop, Younes Agoumi, Mona Harissi-Dagher
<b>18</b>	<b>10h05</b>	The role of cell division orientation in tissue size control <u>Benoit Boulan</u> , Marine Lacomme, Ko Currie, Michel Cayouette
<b>19</b>	<b>10h15</b>	Long term corneal stromal wound repair in feline eyes with LiQD cornea: a cell-free liquid hydrogel <u>Alejandro Juarez</u> , Chris D. McTiernan, Mohamed Djallali, Marilyse Piché, Fiona Simpson, May Griffith, Isabelle Brunette
<b>20</b>	<b>10h25</b>	 Contribution des mélanocytes et de leurs facteurs sécrétés dans la protection des cellules de l'EPR contre la mort induite par un stress oxydatif <u>Julien Blouin</u> , Julie Bérubé, William Gauthier-Naud, Kim Santerre, Solange Landreville, Stéphanie Proulx
<b>10h35 – 10h45</b>		Pause / Break

#### Session 8 : Oral Presentations

**Moderator : Stephanie Proulx, PhD**

<b>21</b>	<b>10h45</b>	Gold nanoparticles as slow-release drug delivery system for two pharmacological agents to improve corneal wound healing in rabbits <u>Pascale Desjardins</u> , Alexis Loiseau, Élodie Boisselier, Lucie Germain, Sylvain Guérin
<b>22</b>	<b>10h55</b>	 Long-Term Ophthalmologic Outcome of Young Adults Born Extremely Preterm <u>Tianwei (Ellen) Zhou</u> , Pierre-olivier Kassis, Patrick Hamel, Sylvain Chemtob, Anne Monique Nyut, Thuy Mai Luu
<b>23</b>	<b>11h05</b>	Eligibility Criteria in Published Glaucoma Clinical Trials <u>Daniel Milad</u> , David Mikhail, Jean Mardenli, Andrew Toren
<b>24</b>	<b>11h15</b>	Drug loading and release studies with gold nanoparticles as new drug delivery systems in ophthalmology <u>Gabrielle Raïche-Marcoux</u> , Alexis Loiseau, Elodie Boisselier



*Detailed program*

## March 26 2021 – Poster Presentations

### Abstract


#### Session 9 : Poster presentations

<b>67</b>	Uncovering the role of Msx1 in bipotent retinal progenitor cells of the ciliary margin <b><u>Sepideh Abbasi</u></b> , Michel Cayouette
<b>68</b>	Validating A Non-Contact Corneal Aesthesiometer (NCCA) in Normal Eyes <b><u>Ahmed Amayem</u></b> , Hamid Orimi, Sharifa Beroual, Charles-Édouard Giguère, Christos Christos Boutopoulos, Isabelle Brunette
<b>69</b>	Object Recognition in Early Visual Areas and the Lateral Occipital Complex – a study with emerging images <b><u>Marleen Bakker</u></b> , Hinke Halbertsma, Barbara Nordhjem, Frans Cornelissen
<b>70</b>	The Effect of Simulated Vision Impairment on the Posture & Balance of Younger & Older Adults <b><u>Patrice Dennis</u></b> , Stephanie Pietrangelo, Sophie Hallot, Caitlin Murphy, Ross Clark, Kareen Li, Aaron Johnson
<b>71</b>	Robust statistics in pupillometry research support the dissociation of individual-level known and unknown objects <b><u>Léon Franzen</u></b> , Amanda Cabugao, Aaron Johnson, Bianca Grohmann
<b>72</b>	Liaison membranaire du segment C-terminal acylé de la rhodopsine kinase <b><u>Camille Gagnon</u></b> , Marc-Antoine Millette, Christian Salesse
<b>73</b>	Boston Type I Keratoprosthesis versus Penetrating Keratoplasty Following a Single Failed Corneal Graft <b><u>Diana Khair</u></b> , Jonathan El-Khoury, Roy Daoud, Louis Racine, Paul Thompson, Mona Harissi-Dagher
<b>74</b>	Retroprosthetic Membrane Formation in Boston Keratoprosthesis Type 1: Incidence, Predisposing Factors, Complications and Treatment <b><u>Diana Khair</u></b> , Roy Daoud, Mona Harissi-Dagher
<b>75</b>	Identifying the physiological and cognitive correlates of braille reading speed among adults with visual impairment <b><u>Natalina Martiniello</u></b> , Meaghan Barlow, Walter Wittich



**Abstract**

**Session 9 : Poster presentations**

<p><b>76</b></p>	<p>Validation of a French version of the Visual Function and Corneal Health Status (V-FUCHS) questionnaire for the assessment of patients with Fuchs endothelial corneal dystrophy <b><u>Guillaume A. Mullie</u></b>, Alejandro Juarez, Antoine Etcheverry, Nassima Taleb, Tanguy Boutin, Johanna Choremis, Michèle Mabon, Julia C. Talajic, Charles-Édouard Giguère, Isabelle Brunette</p>
<p><b>77</b></p>	<p>Public perception of “laser-assisted” blepharoplasty versus “blade-assisted” blepharoplasty <b><u>Anne Xuan-Lan Nguyen</u></b>, Victoria C. Leung, Fares Antaki, Isabelle Hardy, Rafic Antonios, Patrick R. Boulos</p>
<p><b>78</b></p>	<p> miRNA Let-7f Induces Cellular Senescence and Exacerbates Oxidative Stress in Retinal Pigment Epithelium Cells <b><u>Christina Ortiz</u></b>, Saeideh Shani, Houda Tahiri, Chun Yang, Carl Fortin, Pierre Hardy</p>
<p><b>79</b></p>	<p>The Effect of Simulated and Real Vision Impairment on Balance &amp; Posture of Older Adults <b><u>Stephanie Pietrangelo</u></b>, Sophie Hallot, Caitlin Murphy, Ross Clark, Karen Li, Aaron Johnson</p>
<p><b>80</b></p>	<p>The indications and results of the PROKERA Bio-Tissue – our experience at Centre hospitalier de l'Université de Montréal <b><u>Tianwei (Ellen) Zhou</u></b>, Marie-Claude Robert</p>