



Welcome

Welcome to the 2021 NIPM Virtual Symposium!

The Nevada Institute of Personalized Medicine (NIPM) at UNLV, College of Sciences, will hold its first ever virtual symposium on March 4, 2021, and will feature talks from Centers of Biomedical Research Excellence (COBRE) Research Project investigators, Sciences and Services development at NIPM including the Genomics Acquisition & Analysis Core and COVID-19 Wastewater Surveillance Program, COBRE Pilot Projects, Trainee Research, Student Poster Presentations, and Keynote Speaker, Dr. Kenton M. Sanders, Chair, Department of Physiology and Cell Biology, University of Nevada Reno, School of Medicine.

The Nevada Institute of Personalized Medicine (NIPM) believes that applied genetics and genomics can improve individual and systemic health care through translational clinical scientific research, workforce education and training, commercialization of technologies, job creation and clinical genetics services. The Nevada Institute of Personalized Medicine is the only established Center of Excellence for Personalized Medicine in Nevada that is endorsed by the National Institutes of Health.

NIPM Symposium 2021 Sponsorship Opportunity

Conference Sponsorship – \$1,000

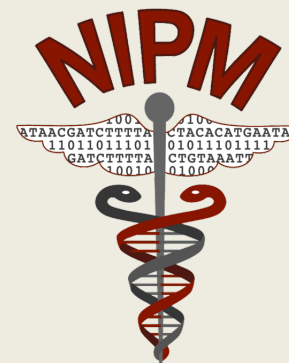
All sponsorships receive the following opportunities during the conference:

- 2-5 minute video presentation posted on the NIPM website, prior to, and following the Symposium.
- Breakout room hosting opportunity to meet with symposium attendees;
- Marketing and networking opportunities with all symposium attendees;
- Company name on symposium brochure;
- Company name on the slide show that plays during the symposium;
- Acknowledgement of sponsorship during the symposium.

If you are interested in a sponsorship, please contact Cory Nelson, Director of Development, UNLV College of Sciences, at 702-895-2488 or via email at cory.nelson@unlv.edu.



@NIPMatUNLV



**Nevada Institute of
Personalized Medicine
UNLV, College of Sciences**

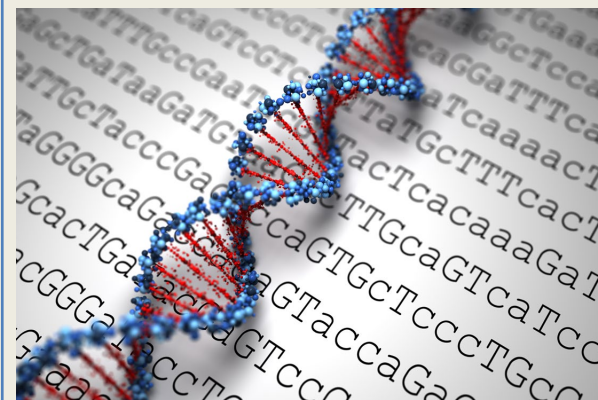
2021 SYMPOSIUM

March 4, 2021

8:00 AM – 5:00 PM

Via Zoom

<http://nipmsymposium.sites.unlv.edu/>



NIPM Virtual Retreat

March 4, 2021

MORNING SESSION

8:00: Call to Order [Martin Schiller]

8:05: Welcome

Eric Chronister, Dean, COS
Keith Whitfield, UNLV President

SESSION 1: COBRE

Facilitator: Martin Schiller

8:20: State of the Institute [Martin Schiller]

8:35: **Project 1:**

*Transposable Element Driven Alternative
Promoters In Cancer [Mira Han]*

9:05: **Project 2:**

*Genomics, Machine Learning, and Fracture
Prediction [Qing Wu]*

9:35: **Project 3:**

*Schizophrenia Patient-Specific Model of
Microglia [Jingchun Chen]*

10:05: **Coffee Break & Poster Session**

SESSION 2: COBRE & COVID

Facilitator: Nora Caberoy

10:20: **Project 4:**

*Research on the Development of a Novel
Therapy for Alzheimer's Disease [Nora
Caberoy]*

10:50:

*GAA Core Services [Edwin Oh & Joe
Lombardo]*

11:20:

COVID-19 Wastewater Surveillance [Van Vo]

11:50: **Lunch & Posters**

<http://nipmsymposium.sites.unlv.edu/agenda/>

NIPM Virtual Retreat

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AFTERNOON SESSION

SESSION 3: PLENARY

Facilitator: Dr. Edwin Oh

1:20: Recognition of Sponsors, Advisors,
Mentors, Prahbu & Nick Spirtos

Keynote Speaker Presentation

1:30-2:30pm: Dr. Kenton Sanders, UNR

SESSION 4: COBRE PILOT PROJECTS

Facilitator: Dr. Martin Schiller

2:30: Pilot Project - Dr. Brian Hedlund

2:45: Pilot Project - Dr. Farhad Shokoohi

3:00: Pilot Project - Dr. John Colombo

3:15: Pilot Project - Dr. James Navalta

3:20: **Coffee Break & Poster Session**

SESSION 5: Trainee Research at NIPM

Facilitator: Dr. Mira Han

3:40: TBD [Schiller Lab]

3:55: Performance of FRAX with BMD in
predicting fracture [Yingke Xu - pending]

4:15: TBD PhD Student [Chen Lab]

4:30: Interrogating rare and undiagnosed
disorders in children [Makada Asare and
Hayley Baker - pending]

4:45: Transcription factor binding in
transposable elements [Dylan Barth]

5:00: **Poster Session**

<http://nipmsymposium.sites.unlv.edu/agenda/>

COBRE Virtual Business Session

(Closed Meeting)

March 5, 2021

Attendees: Project PIs, EAB, Mentors

SESSION 1: COBRE PROGRESS

9:00: Introduction [Dr. Martin Schiller]

9:15: RP1 Progress [Dr. Mira Han]

9:45: RP2 Progress [Dr. Qing Wu]

10:15: RP3 Progress [Dr. Jingchun Chen]

10:45: RP4 Progress [Dr. Nora Caberoy]

11:15: GAA Core Progress [Dr. Edwin Oh]

11:45 LUNCH - GROUP DISCUSSION

SESSION 2A: MENTORING BREAKOUT

1:15: Project PI /Mentor

2:15: Mentoring Panel

SESSION 2A: EAB BREAKOUT

1:15: GAA Core

1:30: Admin Core

2:15: Review RP1

2:30: Review RP2

2:45: Review RP3

3:00: Review RP4

3:15: Wrap up Group Discussion

4:15: Adjourn

Questions? Contact
nipmsymposium@unlv.edu

<http://nipmsymposium.sites.unlv.edu/protected-content/>