Directions:
From I-15: take the Flamingo East exit about 2 miles, right on Maryland Ave., right at Harmon Ave, into parking lot.
From I-215: take the airport exit, right on Tropicana Ave., Left on Maryland Ave., left at Harmon Ave, into parking lot.

Parking:
**Option 1:** Upon entering the parking lot, make a left and park which is restricted before 1 PM, but free thereafter. Metered parking is also available.

**Option 2:** Upon entering the parking lot, make a right and pay attendant for parking.

**Sponsors:**
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Nevada Institute of Personalized Medicine
UNLV
2018 SYMPOSIA
May 18, 2018
8:30 AM – 5:30 PM
Tam Alumni Center, UNLV

Please RSVP
**MORNING SESSION**

**8:00:** Registration, Coffee

**8:45:** Welcome

[Mary Croughan, Vice President RED]

**9:00:** NIPM- A year in review

[Martin Schiller, PhD]

**SESSION 1**

**NIPM Applied Research**

**9:15:** Prediction of addiction with genetic and behavioral data [Sam Chen, PhD]

**9:35:** Schizophrenia patient-specific Model of Microglia [Jingchun Chen, PhD MD]

**9:55:** Functional genomics framework for precision medicine [Edwin Oh, PhD]

**10:15:** Variation in LINE1 transcript levels in normal somatic tissues [Mira Han, PhD]

**10:35:** Precision Reference Range of Bone Density [Qing Wu, PhD, MD]

**10:55:** Coffee break

**SESSION 2**

**Technology and intellectual property**

**NIPM Faculty**

**11:10:** Landscape for the business of clinical genetics [Jim Timmins, MBA]

**11:25:** NIPM bioinformatics services [Xiaogang Wu, PhD]

**11:35:** NIPM Startup companies [Martin Schiller, PhD]

**Lunch**

**12:00:** Buffet lunch and poster viewing

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**AFTERNOON SESSION**

**Keynote speaker**

**1:30:** Genomics and bioinformatics studies of a complex disease – osteoporosis

[Hong Wen Deng, Tulane U.]

**SESSION 3 - IN HONOR OF KATIE LANTZ**

**NIPM trainee presentations**

**2:45:** Genetic risk of osteoporosis in African American women [Xiangxue Xiao, Wu lab]

**2:55:** Multi-Polygenic Risk Score Prediction Model for Bipolar Disorder

[Travis Mize, X.Chen lab]

**3:05:** Association of CHST15 with Schizophrenia [Francisco Servin, J.Chen lab]

**3:15:** Correlating transcript levels between LINEs and KRAB-ZFPs [Nicky Chung, Han lab]

**3:25:** The C-terminome

[Surbhi Sharma, Schiller lab]

**3:35:** Modeling genetic disorders using stem cells [Maria Dutreil, Oh lab]

**3:45:** Coffee break

**SESSION 4**

**Clinical Session**

**4:00:** CNTN COBRE and Huntington’s

[Jeff Cummings, Director Ruvo]

**4:20:** Huntington’s patient

[Michael Nasiak, NIPM]

**5:00:** A Patient and Family

[Michael Nasiak and Patient]

**5:15:** Closing remarks

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**KEYNOTE SPEAKER**

Hong-Wen Deng, PhD

Center for Bioinformatics & Genomics

Director and Endowed Chair

Dr. Hong-Wen Deng is a pioneer geneticist with extensive multi- and inter-disciplinary research experience and expertise in genomic and biomedical sciences. He has published more than 500 peer-reviewed publications including cited more than 16,000 times. Dr. Deng’s research investigates how genetic and environmental factors incur higher risk of, or better protect against complex diseases and how this translates into better precision medicine and drug development.

**Organizers:** Martin Schiller, Edwin Oh, Sarah Love