

Supported by:



**Gulf University for Science and Technology**

**International Centre for Applied Mathematics and Computational Bioengineering**

*Computational Biology Research Workshop*

**Modeling Chronic Diseases:**

**Developing new tools to analyze the basis and impact in the GCC**

Prof. Muhammad H. Zaman, Boston University

**October 25-27, 2016**

**PROGRAM**

**Tuesday, October 25, 2016**

**Focus: Big Picture on Computation for Better Health**

Time	Description	Location
9:30am – 10:00am	<b>Opening Session</b> Welcome Message Acknowledgement of Funding Entities Support	GUST Auditorium (W1-010)
10:00am – 12:30pm	<b>Workshop Session 1:</b> Overview of some existing models for chronic diseases: Current status and new opportunities Has there been any impact?	W1-010
12:30pm – 1:30pm	<b>Lunch break</b>	
1:30pm – 3:30pm	<b>Workshop Session 2:</b> Cancer Case Study. Integrating clinical with the fundamental sciences. Where are the gaps in computation?	W6-106

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**Wednesday, October 26, 2016**

**Focus: The Clinical Challenge in the Region and Can Computation Help?**

Time	Description	Location
9:30am – 12:00pm	<b>Workshop Session 3:</b>  Where are the next challenges in the region:  Presentations from experimental/ clinical colleagues  about their challenges	W6-106
12:00pm – 1:00pm	<b>Lunch break</b>	
1:00pm – 3:00pm	<b>Workshop Session 4:</b>  Combined approaches: Where to begin? How to  incorporate modeling in clinical decision making.	W6-106

**Thursday, October 27, 2016**

**Focus: The impact on policy and better decision making. Where do we go from here?**

Time	Description	Location
9:30am – 12:00pm	<b>Workshop Session 5:</b>  Modeling for better policy: Impact on education, awareness  and future directions.	W6-106
12:00pm – 1:00pm	<b>Lunch break</b>	
1:00pm – 3:00pm	<b>Concluding Session</b>  Next steps and concrete plans  & Certificate Distribution	W6-106