

Program

2nd Annual Workshop on Cancer Systems Biology

Tumor Metronomics: Timing and Dose Level Dynamics

July 17-20, 2012 | Tufts University, Medford, MA, USA

Updated 7/12/12



The workshop is held at [Barnum Hall](#).

Afternoon breakout session working groups are held at [Eaton Hall](#).

Breakfast, lunch and dinner are served in the Carmichael Cafeteria.

(full-size map below)

Monday July 16, 2012

8-10 p.m. Welcome Reception at the [Sarah Chase Center](#), adjacent to Carmichael Hall Dormitories.

Tuesday July 17, 2012

8:30 a.m. Welcome to the Workshop: **Giannoula Lakka Klement**, **Philip Hahnfeldt** (workshop co-chairs), and **Lynn Hlatky** (Director, CCSB)

8:40 a.m. **Dan Gallahan**, Deputy Director, Division of Cancer Biology, National Cancer Institute (NCI), NIH

9:00 a.m. **Barton Kamen**
"Metronomic Therapy: A Re-discovery of Basic Principles & Better Use of Old Drugs"

10:00 a.m. *Coffee Break*

10:30 a.m. **Philip Hahnfeldt**
"Metronomic Scheduling as a Best-Suppression Alternative to Maximum Tolerated Dosing"

11:30 p.m. **Urszula Ledzewicz**
"Timing and Dosages of Antiangiogenic Treatment — An Optimal Control Approach"

12:30 p.m. *Lunch*

2:00 p.m. Discussion of workshop aims, introduction of questions in Tumor Metronomics, and Breakout Session Working Groups

4:00 p.m. *Break*

4:30 p.m. Breakout Session, Groups 1–5

6:00 p.m. *Dinner*

7:00 p.m. Poster Session and Reception at the [Tufts University Alumnae Hall](#)

Wednesday July 18, 2012

- 9:00 a.m. **Eddy Pasquier**
"Insights into the Complex Dose- and Schedule-Dependent Effects of Chemotherapy on Vascular Endothelial Cells"
- 10:00 a.m. *Coffee Break*
- 10:30 a.m. **Carl Panetta**
"Selected Examples of Mathematical Models in Cancer Treatment"
- 11:30 a.m. **Sébastien Benzekry**
"Mathematical Modeling of the Metastatic Process and Scheduling Optimization of Anti-Cancerous Therapies"
- 12:30 p.m. *Lunch*
- 2:00 p.m. **Larry Norton**, Memorial Sloan-Kettering Cancer Center, USA
Invited guest lecture
- 3:00 p.m. Breakout Session, Groups 1–5
- 4:00 p.m. *Break*
- 4:30 p.m. Breakout Session, Groups 1–5

Thursday July 19, 2012

- 9:00 a.m. **Nicolas André**
"Building a successful metronomic protocol: many questions...any answers?"
- 10:00 a.m. *Coffee Break*
- 10:30 a.m. **Heinz Schaettler**
"Sequencing Protocols for Combination Therapies of Cancer — An Optimal Control Approach"
- 11:30 a.m. **David Waxman**
"Activation of innate immunity-induced tumor regression by metronomic chemotherapy"
- 12:30 p.m. *Lunch*
- 2:00 p.m. Contributed Talks
I. **Annabelle Ballesta**
II. **Sushil Kumar**
III. **Junjie Wu**
- 3:00 p.m. Breakout Session, Groups 1–5
- 4:00 p.m. *Break*
- 4:30 p.m. Breakout Session, Groups 1–5
- 6:00 p.m. *Dinner*
- 7:30-9:30 p.m. Social Event hosted by the [CCSB](#)
New England Candlepin Bowling at [Sacco's Bowl Haven & Flatbread Company](#), 45 Day Street, Somerville [\[map\]](#)

Friday July 20, 2012

- 9:00 a.m. **Giannoula Lakka Klement**
"What hinders the translation of metronomic chemotherapy to clinics?"
- 10:00 a.m. *Coffee Break*
- 10:30 a.m. Presentation by Group 1
- 10:50 a.m. Presentation by Group 2
- 11:10 a.m. Presentation by Group 3
- 11:30 a.m. Presentation by Group 4
- 11:50 a.m. Presentation by Group 5
- 12:10 p.m. Workshop discussion and Closing Remarks
- 1:00 p.m. *Lunch*



- A – Carmichael Hall (on-site accommodation , cafeteria)
- B – Sarah Chase Center (welcome reception)
- C – Barnum Hall (workshop lectures)
- D – Eaton Hall (breakout session working groups)