

Department of Dermatology

Grand Rounds

Epigenetic Regulation of Epidermal Keratinocyte Differentiation and Reprogramming

Vladimir Botchkarev, MD, PhD

Professor, University of Bradford (UK)
Cutaneous Biology
Associate Director of Centre for Skin Sciences

Adjunct Professor of Dermatology, Boston University

Moderator: Janelle Smith, MD

Professor, Department of Dermatology
UC Irvine Health School of Medicine

Wednesday, Mar. 25, 2015

Dermatology Clinic at Gottschalk Medical Plaza

1 Medical Plaza Dr., Irvine, CA (Second Floor)
8 to 8:45 a.m.—Patient Viewing

Weinstein Library

125 Med Surge I
8:45 to 10 a.m.—Patient Discussion
10:15 to 11:15 a.m.—Lecture

Above Activities approved for 3 AMA PRA Category 1 Credits™.

AND

Dowling Club

Weinstein Library
125 Med Surge I
5 to 7 p.m.



Vladimir Botchkarev, MD, PhD is currently Professor of Cutaneous Biology and Associate Director of Centre for Skin Sciences at the University of Bradford (UK), and Adjunct Professor of Dermatology at Boston University (USA). He has directed the Laboratory of Skin Development, Regeneration and Carcinogenesis since 1999. Vladimir originally studied Medicine at Chuvash State University (Russia), got his PhD in Cell Biology in 1988, and was trained in Humboldt University Berlin in 1994-1999. In 1999, Vladimir moved to Boston University and developed an independent NIH-funded research program to define mechanisms that control skin development, regeneration and carcinogenesis. His current research interests are in epigenetic regulatory mechanisms that control stem cell activity, differentiation and reprogramming in the skin, as well as during skin carcinogenesis. Vladimir published over 90 papers and reviews in top-ranked international journals including *Nature Cell Biology*, *Lancet Oncology*, *J Cell Biology*, *PNAS*, *EMBO J*, *Cancer Research*, *Development*, *J Invest Dermatol*, etc. His research program is funded by the grants from the NIH, MRC, BBSRC and pharmaceutical industry. Vladimir serves as Section Editor for the *Journal of Investigative Dermatology*, Associate Editor for *Experimental Dermatology* and member of the ACTS Study Section at NIH.

Target Audience: The target audience for the Department of Dermatology Grand Rounds is attending physicians, fellows, community physicians and other health care professionals.

Statement of Purpose: The format will include lectures detailing diagnosis, management and therapeutic interventions for selected dermatologic topics, and occasional case presentations with review of interesting cases. Clinical test results and radiographic findings will also be included. Current landmark research findings will be discussed.

Accreditation statement: The UC Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Dermatology Grand Rounds Global Objectives

- Summarize core competencies in Dermatology as identified by the Accreditation Council for Graduate Medical Education.
- Assessment and management of complex skin diseases including but not limited to cancer.
- Cite current research findings in the field of dermatology and dermatopathology.
- Discuss key issues in the delivery of dermatologic care to a wide range of therapeutic modalities and combination therapy to increase efficacy and minimize side effect profiles.

Designation statement: The UC Irvine School of Medicine designates this live activity for a maximum of 3 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure: Lecturer/Moderator: Vladimir Botchkarev, MD, PhD has disclosed that he has no relevant financial relationships to disclose. Janelle Smith, MD has disclosed that she receives honoraria from Solta/Zeltiq and is a member of the scientific advisory board for Zeltiq. Janelle Smith, MD has disclosed that based on her potential conflict of interest,

she will support her presentation and clinical recommendation with the best available evidence in the medical literature and will refrain from making recommendations regarding products or services.

Course Director/Planners: Christopher Zachary, FRCP has disclosed that, as course director, he is an educational grant recipient from Solta, receives honoraria from Solta/Alma, is a member of the scientific advisory board for Zeltiq and receives an equipment loan from Cynosure. Christopher Zachary, FRCP has disclosed that based on his potential conflict of interest, to the best of his ability, he will ensure that any speakers or content he suggests are free from commercial bias. Hege Grande Sarpa, MD has disclosed that, as a course planner, she has no affiliations, arrangements or financial agreements, which could be perceived as a potential conflict of interest. Janelle Smith, MD has disclosed that, as course planner, she receives honoraria from Solta/Zeltiq and is a member of the scientific advisory board for Zeltiq. Janelle Smith, MD has disclosed that based on her potential conflict of interest, to the best of her ability, she will ensure that any speakers or content she suggests are free from commercial bias. Dr. Smith further discloses that she will excuse herself from planning activity content in which she has a conflict of interest. Judy Hobert has also disclosed that, as an administrative staff, she has no affiliations, arrangements or financial agreements, which could be perceived as a potential conflict of interest.

ADA Statement: In compliance with the Americans with Disabilities Act, contact us three days in advance about special needs for any attendee. Contact Judy Hobert at jhobert@uci.edu or 949-824-4405. This activity is in compliance with **California Assembly Bill 1195** which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME web site at www.cme.uci.edu.