

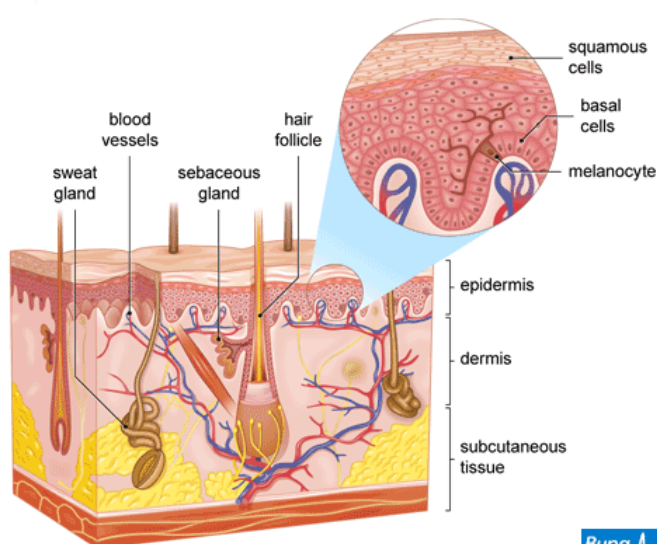
University of Debrecen

invites you to workshop:

Metallomics and skin cancer III

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Currently, an attention is focused on proteomics providing information about protein localization, structure and function, and most important, interactions with other proteins. Recent improvements in high-throughput sample separation and mass spectrometry have impacted positively on the proteomic characterization of proteins in systems biology. Metalloproteins are one of the most diverse classes of proteins, with the



The types of skin cells that can become cancerous



intrinsic metal atoms providing a catalytic, regulatory and structural role critical to protein function. Transition metals such as copper, iron and zinc play important roles in life. Metallomics and metalloproteomics are emerging fields addressing the role, uptake, transport and storage of the trace metals essential for life. Metallomics is defined as the analysis of the entirety of metal and metalloid species within a cell or a tissue type,

whereas metalloproteomics is focused on exploration of the function of metals associated with proteins.

9:00 – 12:00 Round table – Metallomics and skin cancer

12:00 – 12:30 Summary

SEM/5911



03. 07. 2015, 09:00 - 12:30 h

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