

## Drug Metabolizing Enzymes, Natural Compounds, and Cancer

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Presenter: Dr. Anna Radomska-Pandya

**I. June 2<sup>nd</sup>, 2014**

- A. Biochemistry of Drug and Endobiotic Metabolism
- B. The Cytochromes P450 (CYPs) Superfamily (1 of 2)
- C. The Cytochromes P450 (CYPs) Superfamily (2 of 2)

**II. June 3<sup>rd</sup>, 2014**

- A. UDP-Glucuronosyltransferases (UGTs): Overview (1 of 2)
- B. UDP-Glucuronosyltransferases (UGTs): Overview (2 of 2)
- C. Regulation of Drug Metabolism: Overview

**III. June 4<sup>th</sup>, 2014**

- A. Transcriptional Regulation of CYPs and UGTs
- B. Aryl-hydrocarbon Receptor (AhR): Signaling, Toxicity, and UGTs
- C. Bioactive Lipids in Cancer

**IV. June 5<sup>th</sup>, 2014**

- A. Ovarian Cancer and UGTs
- B. Breast Cancer and UGTs
- C. Pancreatic Cancer and UGTs

**V. June 6<sup>th</sup>, 2014**

- A. Cannabinoid Receptors (CBRs): Synthetic cannabinoids and Endocannabinoids
- B. Cannabinoid Receptors in Cancer
- C. Naturally derived anticancer compounds: Ligands for CBRs

Termin	Dzień tygodnia	Godzina	Miejsce
02.06.2014	Poniedziałek	12.00 – 15.00	Minicentrum Konferencyjne (Luwr)
03.06.2014	Wtorek	12.00 – 15.00	Minicentrum Konferencyjne (Luwr)
04.06.2014	Środa	12.00 – 15.00	Minicentrum Konferencyjne (Luwr)
05.06.2014	Czwartek	12.00 – 15.00	Minicentrum Konferencyjne (Luwr)
06.06.2014	Piątek	12.00 – 15.00	Minicentrum Konferencyjne (Luwr)