

# Proteomics Course

## LECTURE-39 Detection system: Diffraction- based biosensors



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## Lecture outline

- Diffraction-based biosensors
- Diffraction and Interference
- Diffractive optics technology
  - Features and advantage
- Applications

## Diffraction-based biosensors

- Discussion with Prof. Cynthia Goh, Director of Optical Sciences, University of Toronto.

## Summary

- Diffraction-based biosensors
  - Diffraction and Interference
- Diffractive optics technology
- Applications

## Acknowledgement

- Prof. Cynthia Goh, Director of Optical Sciences, University of Toronto for a very stimulating discussion on diffraction-based biosensors.