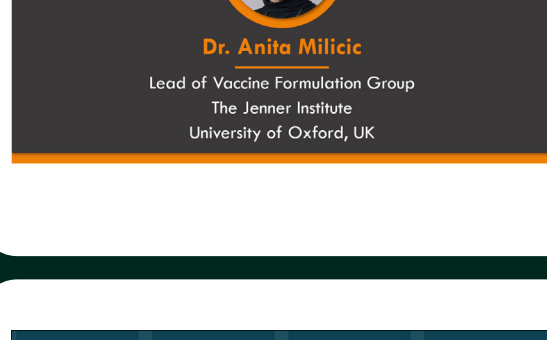


Vaccines

This learning journey is designed to introduce vaccines, their history, importance, and how they work. Discovery strategies, development guidelines, delivery platforms and adjuvants are also discussed in this journey.



Vaccines: History

Extract from:
'Vaccination'
Dr. Anita Milicic – University of Oxford, UK

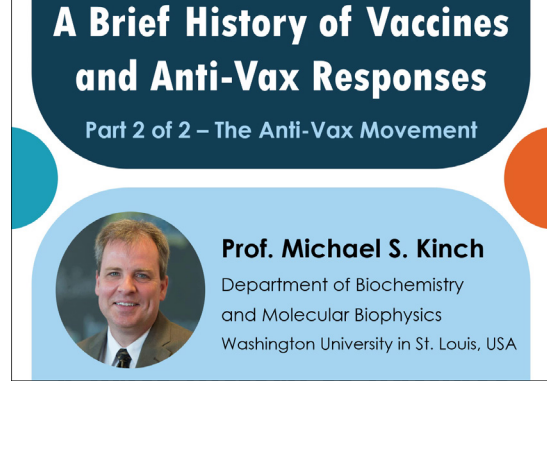
4 mins



Importance of Vaccination

Extract from:
'Approaches to nonclinical vaccine development'
Dr. Lisa Plitnick – Merck & Co., Inc., USA

3 mins



Importance of Vaccine Mandate

Extract from:
'A brief history of vaccines and anti-vax responses: the anti-vax movement part 2'
Prof. Michael Kinch – Washington University in St. Louis, USA

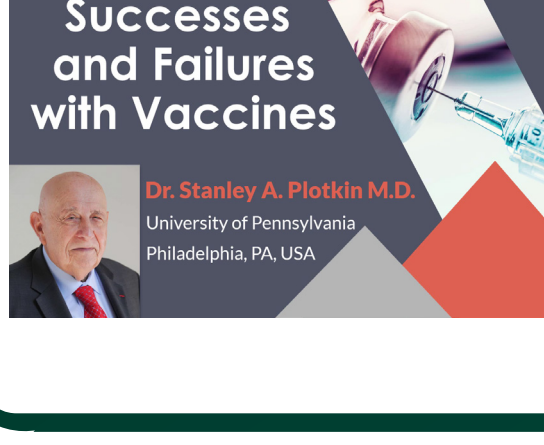
4 mins



Vaccines: How Do They Work?

Extract from:
'Vaccination'
Dr. Anita Milicic – University of Oxford, UK

3 mins



Strategies for Vaccine Discovery

Extract from:
'Successes and failures with vaccines'
Prof. Stanley Plotkin – University of Pennsylvania, USA

5 mins



Guidelines for Vaccine Development

Extract from:
'Approaches to nonclinical vaccine development'
Dr. Lisa Plitnick – Merck & Co., Inc., USA

4 mins



Vaccine Formula

Extract from:
'Vaccine Delivery'
Prof. Sevda Şenel – Hacettepe University, Turkey

3 mins



Vaccine Platforms Including Subunit Vaccines

Extract from:
'Vaccination'
Dr. Anita Milicic – University of Oxford, UK

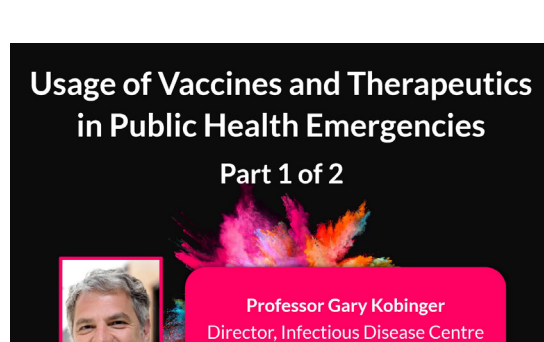
7 mins



mRNA Vaccine vs. Viral Vector Vaccine

Extract from:
'RNA therapeutics: clinical applications and methods of delivery'
Prof. John P. Cooke – Houston Methodist Research Institute, USA

2 mins



Vaccine Development: Duration, Process and during emergency

Extract from:
'Usage of vaccines and therapeutics in public health emergencies part 1'
Prof. Gary Kobinger – Laval University, Canada

5 mins



Vaccine Delivery: Routes and Systems

Extract from:
'Vaccine Delivery'
Prof. Sevda Şenel – Hacettepe University, Turkey

6 mins



Vaccine Adjuvants: Types and Properties

Extract from:
'Vaccination'
Dr. Anita Milicic – University of Oxford, UK

4 mins



Examples of mRNA Vaccines

Extract from:
'RNA therapeutics: clinical applications and methods of delivery'
Prof. John P. Cooke – Houston Methodist Research Institute, USA

2 mins



How Vaccines Fight against Antimicrobial Resistance?

Extract from:
'Vaccines and the fight against antimicrobial resistance part 1'
Dr. Annaliesa S. Anderson – Pfizer Vaccine Research and Development, USA

3 mins



Barriers to Maximizing Vaccine Use and the Davos Declaration

Extract from:
'Vaccines and the fight against antimicrobial resistance part 2'
Dr. Annaliesa S. Anderson – Pfizer Vaccine Research and Development, USA

3 mins