Target Audience
This program has been designed for Dermatology, Diagnostic Radiology, Pediatrics, Internal Medicine, Internal Medicine - Infectious Disease, Pathology - Pathology-Medical Microbiology

Series Educational Objectives
After participating in this regularly scheduled series, participants should be able to:
1 Generate differential diagnoses in patients presenting with illnesses that could be caused by infectious diseases
2 Improve confidence in understanding the latest modes for diagnostic testing for infectious diseases
3 Review the latest treatment options for infectious diseases
4 Improve communication across clinical teams to improve quality of care and patient safety

Accreditation
In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Designation of Credit
Physicians: Penn Medicine designates this live activity for a maximum of 1.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MOC: up to 1 MOC points
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 1 MOC point(s) in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Nurses: This activity is for 1.00 contact hours.

Pharmacists: This activity is approved for 1.00 contact hours
UAN Number: JA0000324-0000-18-010-L04-P

PAs: AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 1.00 Category 1 credits for completing this activity.

Approved for (PSRM) patient safety/risk management designation

For more information, please contact
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Check your transcript online at https://upenn.cloud-cme.com
Acknowledgement of Commercial Support*
None
Disclosure of Relevant Financial Relationships and Unapproved Uses of Products

It is policy at Penn Medicine Office of Continuing Medical and Interprofessional Education for individuals who are in a position to control the content of an educational activity to disclose to the learners all relevant financial relationships that they have with any commercial interest that provide products or services that may be relevant to the content of this continuing education activity. For this purpose, we consider relationships of the person involved to include financial relationships of a spouse or partner.

The intent of this policy is to ensure that Penn CME/CE certified activities promote quality and safety, are effective in improving medical practice, are based on valid content, and are independent of control from commercial interests and free of commercial bias. Peer review of all content was conducted for all faculty presentations whose disclosure information was found to contain relationships that created a conflict of interest relevant to the topic of their presentation. In addition, all faculty were instructed to provide balanced, scientifically rigorous and evidence-based presentations.

The staff in the Office of Continuing Medical and Interprofessional Education (CME and IPCE), have disclosed that they have no relevant financial relationships with any commercial interests related to the content of this educational activity. Any peer reviewer with a potential conflict of interest will recuse themselves from the peer review process.

<table>
<thead>
<tr>
<th>Name of individual</th>
<th>Individual's role in activity</th>
<th>Name of commercial interest/Nature of relationship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ian Frank, MD</td>
<td>Advisor or Review Panel Member</td>
<td>Advisor or Review Panel Member-Gilead-HIV</td>
</tr>
<tr>
<td>Leah Turner, CRNP</td>
<td>Nothing to disclose</td>
<td></td>
</tr>
<tr>
<td>Stuart Isaacs, MD</td>
<td>Activity Administrator</td>
<td>Nothing to disclose</td>
</tr>
<tr>
<td>Betsy Neaves,</td>
<td>Activity Administrator</td>
<td>No Disclosure</td>
</tr>
<tr>
<td>Susan Hansen-Flaschen, MSN</td>
<td>Nurse Planner</td>
<td>Nothing to disclose</td>
</tr>
<tr>
<td>Valerianna Amorosa, MD</td>
<td>Other Planning Committee Member</td>
<td>Nothing to disclose</td>
</tr>
<tr>
<td>Emily Blumberg, MD</td>
<td>Other Planning Committee Member</td>
<td>Grants/Research Support Recipient-Merck and Company, Inc.-antiviral</td>
</tr>
<tr>
<td>Stephen Gluckman, MD</td>
<td>Other Planning Committee Member, Faculty</td>
<td>Nothing to disclose</td>
</tr>
<tr>
<td>Ebbing Lautenbach, MD</td>
<td>Other Planning Committee Member</td>
<td>Nothing to disclose</td>
</tr>
<tr>
<td>Judith O'donnell, MD</td>
<td>Other Planning Committee Member</td>
<td>Spouse is Chief operating Officer for Nabriva Therapeutics-Lefamulin</td>
</tr>
<tr>
<td>Amy Graziani, PharmD</td>
<td>Pharmacy Planner</td>
<td>Nothing to disclose</td>
</tr>
</tbody>
</table>

Relevant financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g., stocks, stock options or other ownership interest, excluding
diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received or expected.