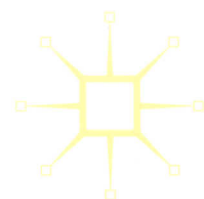


# Journal of Commercial Biotechnology



# Contents

## Editorial

- Building biotechnology in Okinawa  
*Yali Friedman* 121

## Commentaries

- Startup America: What it includes and opportunities for innovators  
*David B. Orange* 123
- Singapore – Home base for expansion in Asia  
*Kian-Teik Beh* 127
- Traditional ecological knowledge: Impact on commercial health  
*Mohammadali Khalvati, Ikway Michine (Yvonne Fulton), Wabiska Mukwa (Zane Bell) and Mary Jane Metatawabin* 131

## From the Classroom

- Developing graduate skills for the United Kingdom's commercial life science sector: Experiences from the ORBIS internship programme  
*James Gazzard* 135

## Original Articles

- The growing importance of incorporating US payers into biotechnology drug development decision-making  
*Sarah Collins* 151
- Anticipating opportunities in industrial biotechnology: Sizing the market and growth scenarios  
*Peter J. Nieuwenhuizen and David Lyon* 159
- Founding angels as early stage investment model to foster biotechnology start-ups  
*Gunter Festel* 165
- The economic potential of plant-made pharmaceuticals in the manufacture of biologic pharmaceuticals  
*James Kaufman and Nicholas Kalaitzandonakes* 173

*Contents continued...*

*Contents continued...*

## **Legal and Regulatory Updates**

EU Legal and Regulatory Update 183

Impact of recent IP caselaw on biomarkers and personalized medicine 191  
*David A. Gass*

Licensing issues in today's bankruptcy world 195  
*Michael Schein and Brandon J. Fleischman*

Limitation of gene patents to functioning DNA 201  
*Philip Webber*

**Book Reviews** 205