

Flow Cytometry Core Laboratory



LSR Fortessa (BD Biosciences)		
Laser	Filter, Mirror	Fluorochromes
UV (355 nm) ●	450/50	DAPI, Alexa Fluor 350
UV (355 nm) ●	530/30, 505LP	Indo 1 (blue, Ca^{2+})
Violet (405 nm) ●	450/50	Pacific Blue, Brilliant violet 421, AF405, Horizon V450, Cascade Blue
Violet (405 nm) ●	525/50, 475LP	Live Dead Aqua, Brilliant violet 510, AmCyan, Horizon V500, Qdot 525
Violet (405 nm) ●	585/15, 575LP	Brilliant violet 570, Qdot 585, Pacific Orange
Violet (405 nm) ●	605/12, 595LP	Brilliant violet 605, Qdot 605, eFluor605
Violet (405 nm) ●	655/8, 630LP	Brilliant violet 650, Qdot 655, eFluor 650
Violet (405 nm) ●	710/50, 670LP	Brilliant violet 711, Qdot 705
Blue (488 nm) ●	530/30, 505LP	FITC, Alexa Fluor 488, GFP, CFSE, Fluo-4
Blue (488 nm) ●	695/40, 685LP	PerCP, PerCP-Cy5.5
Yellow-Green (561 nm) ●	582/15, 570LP	PE, mOrange, dTomato
Yellow-Green (561 nm) ●	610/20, 600LP	PE-Texas red, PI, mCherry, PE-CF504
Yellow-Green (561 nm) ●	660/20, 635LP	PE-Cy5, 7AAD, mPlum, mRaspberry, PE-AF647
Yellow-Green (561 nm) ●	710/50, 685LP	PE-Cy5.5
Yellow-Green (561 nm) ●	780/60, 750LP	PE-Cy7
Red (640 nm) ●	670/14	APC, Alexa Fluor 647
Red (640 nm) ●	710/50, 700LP	Alexa Fluor 700
Red (640 nm) ●	780/60, 750LP	APC-Cy7/APC-H7

C6 (Accuri / BD Biosciences)		
Laser	Channel Filter	Fluorochromes
Blue (488 nm) ●	FL1 ● 530/30nm	FITC, Alexa Fluor 488, GFP, eGFP, YFP, mGitrine, CFSE, CFDA, Fluo-3, Fluo-4, Qdot 525, JC1 (membrane potential, mitochondria), DCFH
Blue (488 nm) ●	FL2 ● 585/40 nm	PE, PI [propidium iodide], dsRed, dTomato, GFP, SNARE (pH indicator), TMRE (mitochondrial activity), Acridine Orange, Qdots 585/ 605/ 665, Tetramethylrhodamine, JC1
Blue (488 nm) ●	FL3 ● 670 nm (LP)	PerCP-Cy5.5, PE-Cy5.5, PE-Cy7, PE-Cy5 ,PE-TxRed, Q Dot 705, 7AAD, PI, mCherry, RFP, mitotracker Red, Fura red, Red613
Red (640 nm) ●	FL4 ● 675/25 nm	APC, Alexa Fluor 647/660/700



Instrument Configurations Flow Cytometry Core Laboratory

Judd E. Hollander



Instrument Configurations Flow Cytometry Core Laboratory:

This book delves into Instrument Configurations Flow Cytometry Core Laboratory. Instrument Configurations Flow Cytometry Core Laboratory is a vital topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Instrument Configurations Flow Cytometry Core Laboratory, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Instrument Configurations Flow Cytometry Core Laboratory
 - Chapter 2: Essential Elements of Instrument Configurations Flow Cytometry Core Laboratory
 - Chapter 3: Instrument Configurations Flow Cytometry Core Laboratory in Everyday Life
 - Chapter 4: Instrument Configurations Flow Cytometry Core Laboratory in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, this book will provide an overview of Instrument Configurations Flow Cytometry Core Laboratory. The first chapter will explore what Instrument Configurations Flow Cytometry Core Laboratory is, why Instrument Configurations Flow Cytometry Core Laboratory is vital, and how to effectively learn about Instrument Configurations Flow Cytometry Core Laboratory.
 3. In chapter 2, this book will delve into the foundational concepts of Instrument Configurations Flow Cytometry Core Laboratory. This chapter will elucidate the essential principles that need to be understood to grasp Instrument Configurations Flow Cytometry Core Laboratory in its entirety.
 4. In chapter 3, the author will examine the practical applications of Instrument Configurations Flow Cytometry Core Laboratory in daily life. This chapter will showcase real-world examples of how Instrument Configurations Flow Cytometry Core Laboratory can be effectively utilized in everyday scenarios.
 5. In chapter 4, the author will scrutinize the relevance of Instrument Configurations Flow Cytometry Core Laboratory in specific contexts. This chapter will explore how Instrument Configurations Flow Cytometry Core Laboratory is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, the author will draw a conclusion about Instrument Configurations Flow Cytometry Core Laboratory. The final chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Instrument Configurations Flow Cytometry Core Laboratory.

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