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 **ICB5751 - The Origins of Molecular Biology**

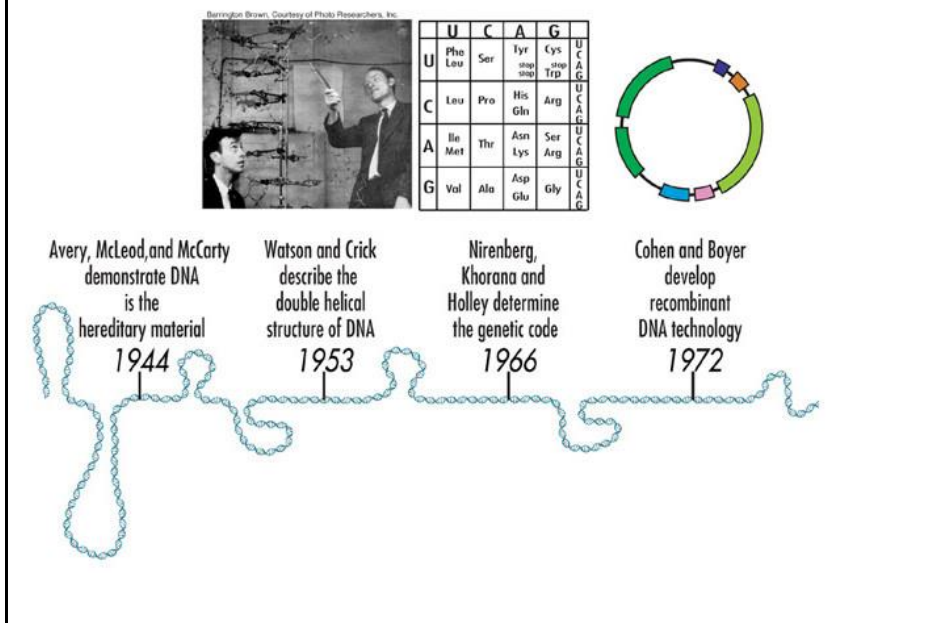
Instructors: Dr. Benny Spira and Dr. Carlos E. Winter  
 Schedule: Tuesdays and Fridays from 9:00AM to 12:00PM  
 Place: Puelles Room, [anexo didactico](https://www.ub.edu/didactico) - ICB2  
 From: April 2<sup>nd</sup> to May 21<sup>st</sup>/2024

Web page of the course:  
<https://bit.ly/ICB5751>

CLASS #	DAY	SUBJECT	DOCUMENTS	FOLLOW UP	SLIDES
01	April 02 (Tuesday)	INTRODUCTION (MOVIE)			PDF
02	April 05 (Friday)	Discussion of Mini Reviews	PDFs		
03	April 09 (Tuesday)	Bacteriophages and mutation rates			PDF
04	April 12 (Friday)	Mutations of bacteria from virus sensitivity to virus resistance	Luria and Delbrück, 1943	Questions	
05	April 16 (Tuesday)	DNA replication analysis			PDF
06	April 19 (Friday)	The replication of DNA in <i>Escherichia coli</i>	Meselson & Stahl, 1958	Questions	
07	April 23 (Tuesday)	Protein Chemistry and Biosynthesis			PDF
08	April 26 (Friday)	The assembly of the peptide chains of hemoglobin	Dintzis, 1961	Questions	
09	April 30 (Tuesday)	The Genetic Code - Use of synthetic RNAs*			PDF
10	May 03 (Friday)	The dependence of cell-free protein synthesis in <i>E. coli</i> upon naturally occurring or synthetic polyribonucleotides	Nirenberg & Matthaei, 1961	Questions	
11	May 07 (Tuesday)	Genetics of Bacteria			PDF
12	May 10 (Friday)	The genetic control and cytoplasmic expression of "inducibility" in the synthesis of $\beta$ -galactosidase by <i>E. coli</i>	Pardee et al., 1959	Questions	
13	May 14 (Tuesday)	Mechanisms of Bacterial Defense (Restriction Enzymes and CRISPR)			PDF
14	May 17 (Friday)	A restriction enzyme from <i>Haemophilus influenzae</i> . II Base Sequence of the recognition site	Kelly and Smith, 1970	Questions	
15	May 21 (Tuesday)	FINAL TEST	Relation between numeric and letter grades		

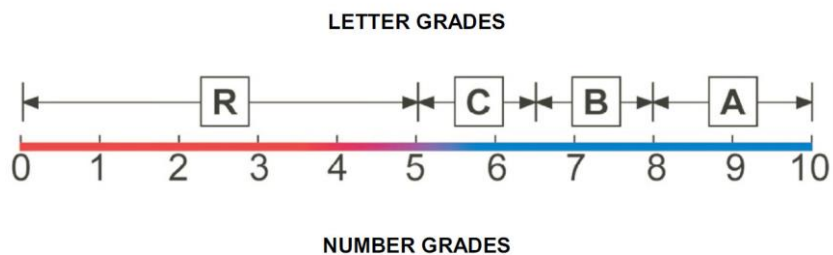
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## Period covered by this course



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## Relation between numeric and letter grades



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