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 - : **28.01.1963.**  
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2) - \_\_\_\_\_, \_\_\_\_\_ :

The diagram illustrates a network of nodes and edges. The nodes are represented by various symbols: dots, commas, and colons. Some nodes are labeled with years: 1989, 1994, 2001, 2008, 1990, 1994, 1998, 2003. The diagram is organized into several layers, with some nodes having multiple incoming or outgoing edges. The overall structure suggests a flow or relationship between different points in time or different entities.

3)

:	:	:		
		,		
	/	/	/	/
( 21)	2	2	2	1
( 22)	1	1		1
( 23)		1	1	1
( 51)	5	1	5	4
( 31)	1			
( 61)	13	8	8	
( ) ( 34)	3	1		1
( ), ( 64)	10		12	
,				1
			,	
	/	/	/	/
	-	-	-	-
, , ,	1	-	-	1
( , , )				

4) -

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			1996-2007		2008	
					—	
	13	6	-	-	2	12
y	21	8	4	32	3	24
	22	6	1	6	2	12
	23	3	1	3	2	6
	24	3	-	-	2	6
	31	3	-	-	-	-
	33	1	1	1	-	-
	34	0,5	3	1.5	2	1
	51	2	10	20	3	6
	52	1,5	-	-	-	-
	61	1,5	23	34.5	8	12
	63	0,5	-	-	-	-
	64	0,2	22	4.4	-	-
	71	6	1	6	-	
	72	3	1	3	-	
	83	4			1	4
			67	111.4	24	83

M10+M20+M31+M32+M33+M41+M42 +M51=110

M11+M12+ M21+M22+M23 +M24+M31+M32=95

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31087, 2010-  
NIH NIAID

**5) -**

**6) -**

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- 2011. a

2011/2012.

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7) -

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