

**CORSO DI PERFEZIONAMENTO "Research and Innovation in Skin Biology and Anti-Aging Cosmetology"**

	<b>PIANO DIDATTICO E COPERTURA INSEGNAMENTI</b>					
<b>Cronologia</b>	<b>Attività didattica</b>	<b>Unità didattica</b>	<b>SSD</b>	<b>Ore</b>	<b>Docenti Univpm</b>	<b>Docenti da bando</b>
WEEK 1	Introduction to Skin Biology and Aging	Basic skin anatomy and physiology	BIO/16	3		x
		Skin cells biology	BIO/16	3		x
		Genetic and environmental impacts on skin aging	BIO/09	2		x
		Physiological changes in skin over time	BIO/09	2		x
WEEK 2	Redox Biochemistry of the Skin*	Oxidative stress and mitochondrial dysfunction	BIO/17	3	Saverio Marchi DiSCLIMO	
		Skin antioxidant defence	BIO/10	2	Patrick Orlando	
		Biochemical markers of oxidatively damaged and senescent cells	BIO/10	3	Patrick Orlando	
		Targeted biochemical pathways to mitigate aging effects	BIO/17	2	Saverio Marchi DiSCLIMO	
WEEK 3	Broader Perspectives on Skin Senescence and Anti-aging **	Advanced research in cellular senescence and inflammaging	MED/04	2	Fabiola Olivieri DiSCLIMO	
		Emerging trends and innovations in anti-aging treatments	CHIM/09	3		x
		Progress in transdermal delivery systems	CHIM/09	3		x
WEEK 4	Experimental Models, Photoprotection and Advances in Cosmetology	Bridging the gap between in-vitro and in-vivo skin research: what a	CHIM/09	3		x
		Advanced Microscopy for studying skin at the cellular and subcellul	BIO/16	2	Andrea Frontini	
		Photobiology and photoprotection – focus on sunscreen actives	BIO/10	3	Elisabetta Damiani	
		Cosmeceuticals – Botanicals and non-botanical sources	BIO/10	3	Elisabetta Damiani	
		Alternative test models based on 3Rs principles, in cosmetology and	BIO/13	1	Stefania Gorbi	
		*Seminario key note speaker invecchiamento 1 WEEK 2	BIO/10	2	seminari	
		**Seminario key note speaker invecchiamento 2 WEEK 3	MED/04	2		
				<b>44</b>	<b>21</b>	<b>19</b>