

# MyoGrad

## Summer School Paris | Berlin

MyoGrad offers young scientists and physicians to attend the Summer School for Myology Paris-Berlin. The course spans topics ranging from basic muscle sciences to clinical myology. Two teaching modules, one in Berlin and one in Paris, comprise more than 60 lectures held by world-leading scientists and clinicians who can provide expert knowledge on this highly specialized subject.

Deadline  
for application:  
May 15, 2011

**PART I IS THE BERLIN SUMMER SCHOOL FOR MYOLOGY**, a five-day course taking place from **June 13 – 17, 2011** at the Max-Delbrück Center for Molecular Medicine in **Berlin**. More than 30 teaching units will cover the whole field of basic muscle research, from muscle development to the design of novel therapies for neuromuscular disorders.

**PART II IS THE PARISIAN SUMMER SCHOOL FOR MYOLOGY**, a ten-day course scheduled in **Paris** from **June 20 – 28, 2011**. All aspects of Myology are addressed during the course: From the diagnosis of neuromuscular disorders, their pathophysiological basis, their molecular genetics to cutting-edge therapeutics.

For further information and application procedure, please visit [www.charite-buch.de/myograd/](http://www.charite-buch.de/myograd/) or [www.institut-myologie.org](http://www.institut-myologie.org)

## Part 1: Summer School for Myology Berlin 13–17 June 2011

	MONDAY 13 June 2011	Tuesday 14 June 2011	Wednesday 15 June 2011	Thursday 16 June 2011	Friday 17 June 2011
	<b>WHERE DOES MUSCLE COME FROM?</b>	<b>HOW TO STUDY GENES AND MUTATIONS</b>	<b>THE CONTROL OF MUSCLE MASS</b>	<b>BIOSYSTEMIC APPROACHES TO MUSCLE</b>	<b>WHERE DOES THE ENERGY COME FROM?</b>
9:00	<b>Olivier POURQUIÉ</b>	<b>Stefan MUNDLOS</b>	<b>Helge AMTHOR</b>	<b>Stefan KEMPA</b>	<b>Markus SCHÜLKE-GERSTENFELD</b>
9:45	<b>Christophe MARCELLE</b>	<b>Nicolas LÉVY</b>	<b>Marco SANDRI</b>	<b>MARCUS WEBER</b>	<b>Hadi AL-HASANI</b>
10:30	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
	<b>TO APPLY GENETICS TO STUDY MUSCLE DEVELOPMENT</b>	<b>ABOUT EPIGENETICS AND ABOUT RNA/DNA SURGERY</b>	<b>CHANNELS, RECEPTORS AND SARCOLEMMA SIGNALING</b>	<b>ABOUT THE MEMBRANE AND CYTOARCHITECTURE OF SKELETAL MUSCLE</b>	<b>HOW TO MODULATE MUSCLE METABOLIC ACTIVITY</b>
10:45	<b>Krzysztof JAGLA</b>	<b>Sylvère VAN DER MAAREL</b>	<b>Frank LEHMANN-HORN</b>	<b>Simone SPULER</b>	<b>Jean BASTIN</b>
11:30	<b>Frédéric RELAIX</b>	<b>Luis GARCIA</b>	<b>Stanley FROEHNER</b>	<b>Dieter FÜRST</b>	<b>Daniel METZGER</b>
12:15	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
13:00	<b>Workshop</b>  Muscle metabolism <b>Michael BOSCHMANN</b>  or  <b>Meet the Professor</b>	<b>Workshop</b>  Muscle metabolism <b>Michael BOSCHMANN</b>  or  <b>Meet the Professor</b>	<b>Petra KNAUS</b>	<b>Workshop</b>  Muscle microscopy <b>Joachim WEIS</b>  or  <b>Meet the Professor</b>	<b>Workshop</b>  Muscle microscopy <b>Joachim WEIS</b>  or  <b>Meet the Professor</b>
	<b>OLD AND NEW PROBLEMS OF MUSCLE STEM CELLS</b>	<b>EXAMPLES OF COMPLEX PROTEIN FUNCTION IN STRIATED MUSCLE</b>		<b>WHAT MAKES MUSCLE CONTRACT</b>	<b>TOWARDS NEW HORIZONS IN MUSCLE RESEARCH</b>
14:30	<b>Terence PARTRIDGE</b>	<b>Gisèle BONNE</b>	<b>16:30</b>  <b>Tour through the Reichstag</b>  and  <b>Dinner in the Berlin Teletower</b>	<b>Wolfgang LINKE</b>	<b>Students present selected posters</b>
15:15	<b>Shahragim TAJBAKHS</b>	<b>Jens FIELITZ</b>		<b>Michael GOTTHARDT</b>	<b>Thomas VOIT</b>
16:00	<i>Coffee Break</i>	<i>Coffee Break</i>		<i>Coffee Break</i>	<i>Coffee and Farewell</i>
	<b>MUSCLE SATELLITE CELLS</b>	<b>HOW TO EXCITE MUSCLE</b>		<b>HOW TO USE STEM CELLS FOR THERAPIES</b>	
16:15	<b>Peter ZAMMIT</b>	<b>Jean CARTAUD</b>		<b>Jenny MORGAN</b>	
17:00	<b>Carmen BIRCHMEIER</b>	<b>Laurent SCHAEFFER</b>		<b>Marc PESCHANSKI</b>	
	<i>Chill out after the lecture: Meet the Professor downtown</i>	<i>Chill out after the lecture: Meet the Professor downtown</i>		<i>Chill out after the lecture: Meet the Professor downtown</i>	