

The Auditorium	Michelangelo Section III	Tiziano 1	Tiziano 2	Tiziano 3	Bramante 8-9	Bernini 3
07.30 • Registration opens						
	09.00 – 10.30 TS 01 Anatomical basis for and outcomes of radiofrequency denervation of large joints: a new knee, hip and shoulder denervation <i>R. Abdallah, L. Kapural, O.Rohof</i>	09.00 – 10.30 TS 02 Novel analgesics in development <i>C. Gharibo, J. V. Pergolizzi, R. Rauck</i>	09.00 – 10.30 TS 03 Spinal cord stimulation for neuropathic pain <i>S. Eldabe, J. Gill, B. Joosten</i>	09.00 – 10.30 TS 04 Trigeminal neuralgia and facial pain <i>G. Cruccu, S. Erdine, L. Eross</i>	09.00 – 10.30 EC 01 Chronic Pain: molecular and cellular mechanisms <i>S. Boccella, S. Maione, D. Salvemini</i>	09.00 – 10.30 Oral Presentation 1
10.30 – 11.00 • Coffee break in the foyers (E-posters in Tiziano Foyer)						
11.00 – 12.30 Plenary 1 Why clinical trials fail <i>M. Devor, A. Dickenson, P. Hansson</i>						
12.30 – 14.30 • Lunch Break / Sponsored Luncheon Symposiums						
14.45 – 15.30 Special Lecture James Heavner Lecture (JH): Genetics and genomics of pain <i>L. Diatchenko</i>						
	15.30 – 17.00 TS 05 Crises in pain medicine: data collection, opioid, and polypharmacy <i>J. Peppin, J. Pergolizzi, R. Raffa</i>	15.30 – 17.00 TS 06 Postoperative pain in special patients <i>A. Bhaskar, P.A. Lonnqvist, N. Rawal</i>	15.30 – 17.00 TS 07 New frontiers in pain management <i>N. Mekhail, T. Toelle, A. Vadalouca</i>	15.30 – 17.00 SS 01 The science of painful degenerative disc <i>D. Beall, A. Calodney, P. De Negri</i>	15.30 – 17.00 Education 01 Public education and training in pain management and palliative care <i>C. Aurilio, J.C. Flores, S.C. Lee, S. Schug, M. Stojanovich, J. Van Zundert</i>	15.30 – 17.00 EC 02 Effects of pulsed RF on oxidative stress <i>M. Sluijter, A. Teixeira, K. Vissters</i>
17.00 – 17.30 • Coffee break in the foyers (E-posters in Tiziano Foyer)						
17.30 – 19.00 Opening Ceremony						
19.00 • Welcome Reception in the Exhibition Area						

Plenary



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The Auditorium (Michelangelo ballroom)	Michelangelo Section III	Tiziano 1	Tiziano 2	Tiziano 3	Bramante 6	Bramante 8-9	Bernini 3	Bernini 4	Bernini 5
								07.30 – 08.00 Meet the Expert Session 1 Registries for Pain: are they crucial for patients and the planning of healthcare services <i>A. Vadalouca</i>	07.30 – 08.00 Meet the Expert Session 2 Safety of contrast agents: tentative recommendations from multi-society task force <i>H. Benzon</i>
	08.00 – 09.30 SCS 360° workshop: patient selection, implant procedure and therapy planning <i>R. Arcioni, L. Demartini, P. De Negri, J.W. Kallewaard</i>	08.00 – 09.30 TS 08 Transition from acute to chronic postsurgical pain <i>E. Moka, A. Montero-Matamala, N. Rawal</i>	08.00 – 09.30 TS 09 Evoked compound action potentials to elucidate mechanisms and improve outcomes in spinal cord stimulation <i>L. Kapural, S. Palmisani, L. Poree</i>	08.00 – 09.30 TS 10 Update in cancer pain syndromes and therapies: algorithms and complex cases <i>A. Gulati, B.C. Hernandez-Porras, K. Vissers</i>	08.00 – 09.30 Ultrasound for diagnosis and therapy in pain medicine <i>E. Amorizzo, F. Micheli, F. Occhigrossi, S. Tamburin</i>	08.00 – 09.30 Education 2 Educational standard for FIPP/CIPS examinations <i>A. Stojicza, M. Stojanovic, R. Ruiz-Lopez, K. Van Boxem</i>			
9.30 – 10.00 • Coffee break in the foyers (E-posters in Tiziano Foyer)									
10.00 – 11.30 Plenary 2 Ethics in interventional pain: abuse and misuse <i>M. Erdek, S. Erdine, L. Boella</i>									
11.30 – 12.15 Special lecture Prithvi Raj Lecture (PR): <i>Migraine, R. Burstein</i>									
12.15 – 14.00 • Lunch Break / Sponsored Luncheon Symposiums									
14.00 – 17.30 TS 11 Neuromodulation in the last decade: implications for clinical practice and indications <i>L. Kapural, D. Provenzano, P. Staats, C. Tornero, R. Vallejo</i>	14.00 – 15.30 Endoscopic lumbar facet and SIJ treatments <i>M. Divizia, G. Germani, S. Meloncelli</i>	14.00 – 15.30 TS 12 Effective pain relief with opioids therapy: at what price <i>A. K. Bhaskar, S.A. Schug, C. Scarpignato</i>	14.00 – 15.30 TS 13 Updates in neuroplasty <i>L. Gerdesmeyer, G. B. Racz</i>		14.00 – 15.30 Ultrasound for diagnosis and therapy in pain medicine <i>E. Amorizzo, F. Micheli, F. Occhigrossi, S. Tamburin</i>	14.00 – 15.30 Education 3 Evidence-based guidelines interventional pain medicine, according to clinical diagnoses <i>M. Stojanovic, M. van Kleef, J. Van Zundert</i>	14.00 – 15.30 Oral Presentation 2		
	15.30 – 16.00 • Coffee break in the foyers (E-posters in Tiziano Foyer)								
	16.00 – 17.30 Endoscopic lumbar facet and SIJ treatments <i>M. Divizia, G. Germani, S. Meloncelli</i>	16.00 – 17.30 TS 14 New concepts for stratifying osteoarthritis patients and their future implications <i>R. Baron, A. Dickenson, G. Varrassi</i>	16.00 – 17.30 TS 15 What's effective and what's not? Assessing outcomes of interventions for pain <i>A. Bhatia, A. Bhaskar, S. Cohen</i>	16.00 – 17.30 TS 16 Targeted intrathecal drug delivery: where we were and where we're heading <i>S. Hayek, A. Linninger, T. Yaksh</i>		16.00 – 17.30 Education 4 WIP models of education and training in pain management <i>M. Stojanovich, K. Vissers, J. Van Zundert</i>	16.00 – 17.30 Oral Presentation 3		

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							07.30 – 08.00 Meet the Expert Session 3 The dorsal root ganglion as a target of the treatment of chronic pain <i>F. Dias Assis, K. Chapman</i>	07.30 – 08.00 Meet the Expert Session 4 Shoulder pain <i>P. McGowan</i>
	08.00 – 09.30 Endoscopic lumbar facet and SIJ treatments <i>M. Divizia, G. Germani, S. Meloncelli</i>	08.00 – 09.30 TS 17 Safety issues with interventional techniques <i>H. Benzon, D. Provenzano, K. Van Boxem</i>	08.00 – 09.30 TS 18 Recent advances in stem cell research and therapy <i>A. Caplan, A. Calodney, J. Cheng</i>	08.00 – 09.30 TS 19 Novel algorithms for visceral pain <i>J. De Andres, L. Kapural, M. Puylaert</i>	08.00 – 09.30 SS 02 Pro-Con Session There is no need for catheters in peripheral techniques for postoperative analgesia <i>A. Dobson, R. Rowat</i>	08.00 – 09.30 Education 5 Technical aspects of interventions <i>J. De Andrés Ares, J. Gill, M. Stojanovic</i>		
9.30 – 10.00 • Coffee break in the foyers (E-posters in Tiziano Foyer)								
10.00 – 11.30 Plenary 3 Interventional pain: innovations and future <i>S. Eldabe, J. Rathmell, R. Ruiz-Lopez</i>								
11.30 – 12.15 Special lecture John Bonica Lecture (JB): Brains and pain <i>I. Tracey</i>								
12.15 – 14.00 • Lunch Break / Sponsored Luncheon Symposiums								
14.00 – 17.30 TS 20 Biologic and regenerative treatment of spine and MSK pain <i>A. Calodney, P. Hernigou, M. Murphy, R. Rosenthal</i>	14.00 – 15.30 Endoscopic lumbar facet and SIJ treatments <i>M. Divizia, G. Germani, S. Meloncelli</i>	14.00 – 15.30 TS 21 Peripheral neuropathy <i>G. Cruccu, P. Marchettini, P. Zis</i>	14.00 – 15.30 TS 22 Stem cells and regenerative medicines: reconciling basic science, translational application, and clinical outcomes <i>T. Buchheit, J. Cheng, R.-R. Ji</i>	14.00 – 15.30 TS 23 Advanced interventional cancer pain management <i>B. Hernández-Porras, F. Piedimonte, R. Plancarte</i>	14.00 – 15.30 Oral Presentation 4			
	15.30 – 16.00 • Coffee break in the foyers (E-posters in Tiziano Foyer)							
		16.00 – 17.30 TS 24 Targeted drug delivery <i>S. Eldabe, S. Hayek, N. Mekhail</i>	16.00 – 17.30 TS 25 Ultrasound for peripheral nerve stimulation <i>G. Colini Baldeschi, A. Gulati, F. Micheli</i>	16.00 – 17.30 TS 26 Fibromyalgia: an outstanding issue <i>R. Casale, M. De Tommaso, P.C. Sarzi Puttini</i>	16.00 – 17.30 Oral Presentation 5			

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					07.30 – 08.00 Meet the Expert Session 5	07.30 – 08.00 Meet the Expert Session 6
	08.00 – 09.30 Regenerative medicine including BMAC harvest and preparation <i>A. Calodney</i>	08.00 – 09.30 TS 27 Modern neuromodulation <i>J. DeAndres, B. Linderoth, J.P. Van Buyten</i>	08.00 – 09.30 TS 28 Population-based chronic pain data <i>N. De Meij, J.W. Kallewaard, S. Van Kuijk</i>	08.00 – 09.30 Oral Presentation 6 (extra session)		
9.30 – 11.00 Plenary 4 Pain origin: generators of peripheral and central neuropathic pain <i>M. Devor, S. Haroutounian, E. T. Walters</i>						
11.00 – 11.30 • Coffee break in the foyers (E-posters in Tiziano Foyer)						
11.30 – 12.15 Special lecture Gabor Racz Lecture (GR): Personalized pain medicine <i>R. Baron</i>						
12.15 – 13.30 Closing ceremony and awards						

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