



65° CONGRESSO
della
SOCIETA' ITALIANA
DI ANATOMIA E ISTOLOGIA

Padova, 27 - 28 - 29 Settembre 2011

Palazzo del Bo
Complesso Vallisneri



**CONSIGLIO DIRETTIVO DELLA
SOCIETA' ITALIANA DI ANATOMIA E ISTOLOGIA**

Prof. Giovanni Orlandini

(Presidente)

Prof. Alessandro Riva

(Segretario)

Prof.ssa Gigliola Sica

(Tesoriere)

Componenti del Consiglio

(per l'Anatomia)

Prof. Saverio Cinti

Prof. Eugenio Gaudio

Prof. Giovanni Mazzotti †

Prof. Giuliano Pizzini

Componenti del Consiglio

(per l'Istologia)

Prof. Sergio Adamo

Prof.ssa Paola Narducci Bareggi

Prof.ssa Maria Simonetta Pellegrini

Faussone

Prof. Roberto di Primio

27 settembre	28 settembre		29 settembre	
Palazzo del Bo	Complesso Vallisneri		Complesso Vallisneri	
	Aula Magna	Aula D	Aula Magna	Aula D
16:00-17:00	9:00-9:45		8:30-9:30	8:30-10:00
Consiglio Direttivo	Lettura Magistrale		Sessione comunicazioni: Neuroanatomia	Sessione comunicazioni: Stem Cells
17:00-17:45	9:45-10:45	9:45-19:45	9:30-10:00	
Cerimonia di Inaugurazione	Sessione comunicazioni: Cancro e Cancer stem cells	Sessione comunicazioni: Modelli di Malattia	Ingegneria dei Tessuti	
17:45-19:15	10:45-11:10		10:00-10:30	
Letture inaugurali	Pausa Caffè		Pausa Caffè	
19:30-21:00	11:10-13:10	11:30-13:10	10:30-12:00	
Ricevimento di benvenuto	Sessione comunicazioni: Neuroanatomia	Sessione comunicazioni: Dalla cellula ai Tessuti	Simposio Tematico: L'insegnament o dell'Anatomia e dell'Istologia	
			12:00-13:00	
			Seduta Amministrativa	
	13:10-14:00		13:00-14:00	
	Colazione di Lavoro		Colazione di Lavoro	
	14:00-15:00		14:00-15:00	
	I Sessione Posters		II Sessione Posters	
	15:00-16:00	15:00-16:00	15:00-16:20	15:00-16:20
	Sessione comunicazioni: Cancro e Cancer stem cells	Sessione comunicazioni: Modelli di Malattia	Sessione comunicazioni: Anatomia Clinica	Sessione comunicazioni: Matrice Extracellulare e Medicina Rigenerativa
	16:00-16:20		16:20-16:45	
	Pausa Caffè		Pausa Caffè	
	16:20-18:00	15:00-16:00	16:45-18:00	15:00-16:00
	Sessione comunicazioni: Anatomia Clinica	Sessione comunicazioni: Modelli di Malattia	Sessione comunicazioni: Sviluppo e Differenziazione	Sessione comunicazioni: Anatomia del Movimento
	20:00		19:30	
	Cena Sociale Ristorante Kofler		Cena di Gala Palazzo della Ragione	

Martedì, 27 settembre (Aula Magna Bo)

- 15:00-18:00 Registrazioni
- 16:00-17:00 Riunione Consiglio Direttivo
- 17:00-17:45 Cerimonia di inaugurazione e saluto delle Autorità

Moderatori: *F.A. Manzoli, G. Orlandini, M. Stefanini*

- 17:45-18:30 Lettura magistrale
 G. Abatangelo
 Ingegneria dei Tessuti : attualità e prospettive

- 18:30-19:15 Conferenza culturale
 V. Dal Piaz
 I 'Simboli' dell'Università degli Studi di Padova

- 19.20 -19.30 Conventus Musicus Patavinus

- 19:30- 21:00 Ricevimento di benvenuto

Mercoledì, 28 settembre (Complesso Vallisneri)

9:00-17:00 Apertura del seggio elettorale e banchetto tesoreria

9:00-9:45 *Aula Magna*

Moderatori: N. Miani, F. Osculati, D. Zaccheo

Lettura Magistrale:

G. Panzica

Environment and brain sexual differentiation

9:45-10:45 *Aula Magna*

Sessione di Comunicazioni: Cancro e Cancer Stem Cells (1ª parte)

Moderatori: G. Ambrosi, G. Familiari, E. Gaudio, A. Martelli

M. Cordenonsi

TAZ Defines Breast Cancer Stem Cell Properties Downstream of Epithelial-Mesenchymal Transition and Cell Polarity

F. Cappello, C. Campanella, F. Bucchieri, A.M. Merendino, S. David, V. Marcianò, F. Farina, A. Pitruzzella, G. Burgio, D. Corona, E. Conway de Macario, A.J.L. Macario, G. Zummo

Hsp 60 from cancer cells can reach near and distant targets: A proposal for a multistage pathway

G. Lama, A. Colabianchi, G. Proietti, A. Mangiola, P. De Bonis, E. Binda, G. Maira, A. Vescovi, G. Sica
Cancer stem cells from glioblastoma and peritumor tissue

A. Leone, F. Cappello, G. Bonaventura, M. Buscemi

Does orthodontic treatment induces dental pulp cellular death? Caspase-3 and-9, HSP60 and Tunel expression

Aula D

Sessione di comunicazioni: Modelli di Malattia (1ª parte)

Moderatori: N. Maraldi, A. Riva, P. Romagnoli, G. Vannelli

A. Moretta

Funzione delle cellule Natural Killer

P. Solinas, M. Diana, F. Loy, M. Isola, R. Isola

Mitochondrial metabolism and morphology in a rat model of NAFLD

M. Villano, A. Borghini, A. Rossi, E. Gabbrielli, M. Manetti, A.F. Milia, M. Matucci-Cerinic, L. Ibba-Manneschi, E. Weber

Fibrillin and MAGP-1 production by dermal blood and lymphatic microvascular endothelial cells challenged with systemic sclerosis sera

G. Di Giacomo, E. Sala, N. Venuto, A. Zatti, H. Chen, P. De Camilli, O. Cremona

Mouse Models for Epsin Function

R. Mancinelli, A. Renzi, A. Franchitto, G. Carpino, S. DeMorrow, H. Francis, G. Alpini, P. Onori

Melatonin inhibits cholangiocyte hyperplasia in cholestatic rats by downregulation of CLOCK genes.

10:45-11:10 Pausa caffè

11:10-13:10

Aula Magna

Sessione di Comunicazioni: Neuroanatomia (1^a parte)

Moderatori: V. Esposito, G.L. Ferri, R.A. Rana, P. Sirigu

N.M. Maraldi, P. Sabatelli, L. Merlini, T. Tiepolo, A. Angelin, P. Grumati, P. Bonaldo, P. Bernardi, F. Gualandi, A.A. Ferlini.

Collagen VI myopathies: pathogenic mechanism and therapeutic strategies

M. Quartu, M.P. Serra, L. Poddighe, M. Boi, M. Del Fiacco, C. Meregalli, A. Chiorazzi, P. Marmioli, G. Cavaletti, V. Carozzi

Transient receptor potential vanilloid type 1 (TRPV1) and neuropeptides in the dorsal root ganglia and spinal cord in a rat model of Bortezomib-induced neuropathy

E. Sarchielli, M. Marini, F. Paternostro, E. Barletta, P. Gallina, G.B. Vannelli

BDNF and FGF-2 in the development of human striatal primordium. An in vitro study

F. Trimarchi, D. Di Mauro, A. Favaloro, G. Vermiglio, L. Magaudo

Sarcoglycans and **GABA_A R ϵ** receptors in cerebral cortex, thalamus and hippocampus: an immunohistochemical study

G. Vivacqua, F. Biagioni, Shun Yu, A. Casini, D. Bucci, F. Fornai, L. D'Este

Loss of spinal motor neurons and alteration of alpha-synuclein subcellular localization in MPTP induced parkinsonism in mice

G. Cavaletti, V. Carozzi, G. Nicolini, G. Tredici, P. Marmioli

Expression, distribution and glutamate uptake activity of excitatory amino acid transporters in vitro cultures of embryonic rat dorsal root ganglia cells.

M. Del Fiacco, M. Quartu, M.P. Serra, M. Boi, T. Melis

The human nucleus cuneatus contains discrete territories that share neurochemical features with the relay nuclei for nociceptive information

A. Porzionato, V. Macchi, C. Stecco, D. Grisafi, A. Rambaldo, G. Sarasin, M.M. Sfriso, P. Zaramella, L. Chiandetti, R. De Caro

Hyperoxia-induced changes in morphometric parameters of postnatal neurogenic sites in rat

R. Tamma, T. Annese, V. Benagiano, V. Longo, S. Ruggeri, E. Crivellato, D. Ribatti, A. De Luca, B. Nico

Prednisolone restores blood brain barrier damages in dystrophic MDX mouse

F. Girolamo, M. Strippoli, G. Ferrara, S. Morando, R. Perris, R. Furlan, C. Bendotti, A. Uccelli, L. Roncali, D. Virgintino

Microvascular pericytes involvement in experimental autoimmune encephalomyelitis

M. Errede, M. Strippoli, M. Rizzi, G. Ferrara, C. Bendotti, S. Morando, R. Perris, R. Furlan, L. Roncali, A. Uccelli, D. Virgintino

Tight junction protein changes in experimental autoimmune encephalomyelitis models

D. Virgintino, M. Errede, F. Girolamo, M. Rizzi, M. Strippoli, G. Ferrara, C. Bendotti, S. Morando, A. Uccelli, R. Perris, R. Furlan, L. Roncali

NG2 modulates tight junction integrity in brain microvessels

Aula D

Sessione di Comunicazioni: Dalla Cellula ai Tessuti

Moderatori: C. Dell'Orbo, R.F. Donato, L. Manzoli, M. Castellucci

S. Cinti

Histopathology of the obese adipose organ

S. Dupont

Role of YAP/TAZ in mechanotransduction

L. Trusolino

Met signaling regulates growth, repopulating potential and basal cell-fate commitment of mammary luminal progenitors

F. Bossi, L. Spazzapan, C. Tripodo, C. Guarnotta, C. Munot, A. Delpin, Z. Arnez, R. Bulla, F. Tedesco
Endothelial cells and the complement component **C1q** as novel therapeutic tools for the treatment of chronic ulcers

G.F. Spatola, G.R. Loria, R. Puleio, A. Gerbino, L. Angelo, M.L. Uzzo

CB1 receptor expression in pancreatic islet of the obese and diabetes Zucker rats

S. Bacci, B. De Fraia, A. Bonelli, P. Romagnoli

Cell interactions between mast cells and dendritic cells in human skin wounds

C. Ippolito, C. Segnani, B. Battolla, L. Mattii, M.S. Faussone-Pellegrini, C. Blandizzi, R. De Giorgio, A. Dolfi, N. Bernardini

Gastrointestinal neuromuscular disease: methodological and ontological issues in histopathological analysis

F. Biagioni, A. Arcella, M. Guagnozzi, P. Lenzi, F. Fornai, A. Pellegrini, A. Paparelli

Morphology demonstrates similar autophagy alterations in neurodegeneration and brain tumors

A. Scatena, M. Ferrucci, P. Soldani, S. Paparelli, F. Da Settimo, A. Paparelli

A2A receptors and methamphetamine toxicity: a role of adenosine as an endogenous neurotoxin

13:10 Colazione di lavoro

14:00-15:00

I Sessione poster

1. *N.E. Innocent, F. Amenta, L. Di Cesare Mannelli, A. Pacini, L. Bonaccini, C. Ghelardini, S.K. Tayebati, D. Tomassoni.*

Thioctic acid enantiomers prevent central nervous system changes occurring in a model of compressive neuropathy.

2. *A. Sotgiu, P. Bandiera, A. Pirino, L. Ulgheri, R. Sanna, G. Soro, P. Campus, A. Oggiano, R. Orizi, A. Montella*
Ultrasound and autoptic diagnosis of asphyxiating thoracic dysplasia

3. *M. Battistelli, S. Salucci, V. Baldassarri, S. Burattini, E. Falcieri*
Skeletal muscle cell death induced by physical agents

4. *J.M. Gemechu, G. Grassi-Zucconi, A. Andrioli, M. Bentivoglio*
Microglia polarization and inflammatory challenges

5. *G. Franco, S. Dragoni, M. Regoli, G. Sgaragli, M. Valoti, E. Bertelli*
Gold nanoparticles uptake and cytotoxicity assessed on rat liver precision cut slices

6. V. Colavito, C. Tognoli, L. Tiberio, M. Bentivoglio, G. Grassi-Zucconi, G. Bertini
Neonatal treatment with clomipramine induces morphological and cellular changes in the adult rat brain
7. S. Bianchi, M. Maione, C. Lorenzo, G. Micara, A. Linari, D. Tranquilli, C. Aragona, G. Macchiarelli, S.A. Nottola
Morphological aspects of human aged oocytes: an in vivo and in vitro ultrastructural study
8. F. Bonomini, G. Favero, E. Foglio, C. Rossini, R. Rezzani
Role of Apolipoprotein E in liver aging protection
9. A. Borghini, P. Lorenzoni, M. Lorenzi, B. Lorenzi, B. Mazzanti, M. Boieri, S. Dal Pozzo, M. Santosuosso, S. Urbani, A. Bosi, R. Saccardi, E. Weber
Treatment of lower oesophageal sphincter damage with bone marrow derived mesenchymal stem cells
10. E. Borsani, S. Franchi, A. Rossi, A.E. Panerai, S. Maione, R. Rezzani, L.F. Rodella
Stem cell transplantation in neuropathic pain
11. E. Borsani, B. Buffoli, M.A. Cocchi, A. Majorana, R. Boninsegna, L.F. Rodella
Epithelial expression of vanilloid and cannabinoid receptors: a potential role in burning mouth syndrome pathogenesis
12. F. Cambosu, M.A. Moro, G. Soro, G. Fogu, M.A. Sotgiu, P. Bandiera, A. Pirino, A. Montella
18p deletion syndrome: foetal phenotype and cytogenetic characterization
13. V. Barresi, C. Capizzi, N. Musso, G. Privitera, T. Luca, S. Castorina, D.F. Condorelli
Recurrent copy number abnormalities and copy neutral-loss of heterozygosity in colorectal cancer identified by high-density SNP array
14. R. Imbesi, P. Ciravolo Ventimiglia, P. Castrogiovanni
Prolactin and its role in wound healing
15. B. Colaiacomo, S. Mantini, A. Ciccarelli, M. Ripani
Human Body Posturizer (H.B.P.): new orthosis for improving postural dynamics
16. M.T. Conconi, L. Urbani, M. Tommasini, R. Di Liddo, A. Bandiera, M.C. Tanzi, P.P. Parnigotto
Vascular cell response to human elastin-like polypeptide-based matrices and coatings
17. P. Coppa, M.A. Continenza, E. Di Marco, L. Adamo Pajewski, R. D'Ascoli, F. Vegliò
In vivo biodegradation of new haemostatic biomaterials
18. P. Coppa, M.A. Continenza, L.A. Pajewski, R. D'Ascoli, F. Vegliò
Biodegradation of two new biomaterials
19. G. Cusella, R. Ansaldi, F. Combi, F. Mazzola, M. Viani, C. Montomoli, P. Borrelli, L. Spairani
Wake-up time activation in older adults: first randomized experimental clinical trial
20. A. Lucariello, A. Perna, L. Manente, R. Palladino, M. De Falco, A. De Luca
Localization and distribution of wolframin in human female reproductive tract
21. C. Di Nisio, S. Zara, M. Rapino, S. Pacella, A. Cataldi, V. di Giacomo
Tumor necrosis factor- α - mediated 2-hydroxyethyl methacrylate cytotoxic and inflammatory effect on human gingival fibroblasts

22. S. Sancilio, I. Antonucci, L. Centurione, I. Ricciardi, V. di Giacomo, M.A. Centurione, L. Stuppia, R. Di Pietro
Morphological and morphometric analyses of Human Amniotic Fluid Stem Cells (AFSC) induced to differentiate into endothelial-like and cardiomyogenic phenotypes
23. M. Orciani, A. Campanati, S. Gorbi, M. Mattioli-Belmonte, E. Salvolini, R. Di Primio
The sign of psoriasis in mesenchymal stem cells of the skin.
24. D. Martina, M. Isola, P. Solinas, G. Conti, R. Isola, D. Massa, F. Loy
Immunolocalization of AQP5 in human parotid salivary glands
25. A. Rossetti, R. Rosati, L.T. Huanca Ghislanzoni, G.M. Tartaglia, G.C. Lanza Attisano, C. Dolci
A 3D non invasive assessment of the position of the occlusal plane
26. C. Segnani, B. Battolla, C. Ippolito, R. Colucci, S. Dini, N. Bernardini, L. Mattii, A. Dolfi
Cx43, RhoA and c-kit in diverticular disease
27. V. Salvatore, A. Trirè, G. Teti, S. Pelotti, M. Falconi
Ultrastructural and biochemical analysis of in vitro odontoblast differentiation
28. M.A. Moro, F. Cambosu, R. Sanna, G. Soro, M.A. Sotgiu, P. Bandiera, G. Fogu, A. Montella
Morphological examination of a preterm neonate with atypical Pallister-Killian syndrome
29. F. Fulceri, G. Lazzeri, G. Natale, A. Matarangasi, A. Pellegrini, A. Paparelli
Morphological effects of chronic excitotoxicity depend on autophagy activation failure
30. F. Nato, V. Papa, A. Cova, A. Mazzoni, P. Gobbi
Biochemical and immunohistochemical analysis of tissue inhibitor of metalloproteinases-1 (TIMP-1) in human sound dentin
31. S. Gotti, M. Martini, M. Sica, G.C. Panzica
Modification of nitric oxide synthase immunoreactivity in female mouse limbic system during the estrous cycle
32. D. Grisafi, M. Alfiero Bordigato, E. Tassone, A. Dedja, V. Masola, V. Guzzardo, C. Artusi, A. Porzionato, R. Salmaso, M. Zaninotto, M. Onisto, A. Milan, G. Albertin, B. Oselladore, V. Macchi, A. Fassina, L. Chiandetti, M. Filippone, R. De Caro, P. Zaramella
L-citrulline is protective in hyperoxic lung damage and improves matrix remodelling and alveolarization
33. M. Guarna
The nerve fiber relationship with human arrector pili muscle cells: electron microscopy findings
34. G. Guerra, F. Tanzi, R. Berra Romani, A. Raqeeb, J. Torres-Jácome, F. Moccia
The mechanism of injury-induced $[Ca^{2+}]$ oscillations in the endothelium of excised rat aorta
35. M. Gulisano, T. Punzi, G. Morucci, M. Ruggiero, S. Pacini
Effects of Cadmium and vitamin D binding protein-derived macrophage activating factor (DBP-MAF) in human breast cancer cells
36. S. Lai, F. Piras, E. Mura, S. Spiga, M.T. Perra, L. Minerba, M. Piga, D. Murtas, P. Demurtas, M. Corrias, C. Maxia, P. Sirigu
Nestin and vimentin intermediate filaments expression in cutaneous melanoma
37. M. Marchisio, P. Lanuti, P. Laura, G. Bologna, G. Grifone, S. Pacella, S. Miscia

Subcellular localization and phosphorylation of phosphoinositide-phospholipase C γ 1 correlate with breast cancer invasiveness

38. S. Montelli, A. Peruffo, P. Zambenedetti, B. Cozzi

Expression and distribution of aromatase (P450AROM) in selected areas of the developing human brain

39. F. Xia, F.S. Giorgi, R. Ruffoli, I. Tamburini, G. Natale, A. Paparelli

Neuroanatomical substrates for recurrent epileptic limbic seizures

40. L. Settimini, P. Lenzi, A. Falleni, E.M. Valente, F. Fornai, A. Paparelli

Morphological analysis of genetic modulation of PINK1 on mitochondrial alterations, autophagy and cell death

41. L. Toti, A. Bartalucci, P. Soldani, F.R. Serpiello, A. La Torre, M. Gesi, A. Paparelli

A new model of exercise training in mice: a preliminary study

42. M.L. Uzzo, G. Bonaventura, A. Gerbino, G.F. Spatola, A. Leone

Immunohistochemical expression of Cytokeratins in periapical lesions.

43. L. Andolfi, E. Trevisan, F. D'Inca, M. Zweyer, B. Troian, S. Prato, G. Vitale

Mapping of Fc ϵ RI immunoglobulin E receptor in activated mast cells by scanning near-field optical microscopy

44. E. Trevisan, L. Andolfi, B. Troian, S. Prato, C. Casarsa, F. Vita, V. Borelli, G. Zabucchi, M. Zweyer

The interaction of asbestos fibres with human mesothelial cells: a combined investigation exploiting microscopic and nanoscopic techniques

45. F. Piras, S. Lai, M.T. Perra, M.T. Ionta, L. Minerba, F. Atzori, E. Mura, C. Maxia, D. Murtas, P. Demurtas, B. Massidda, P. Sirigu

Association of nestin with anti-apoptotic and tumor suppressor factors in human breast cancer

46. M.P. Serra, M. Quartu, M. Boi, G. Pillolla, T. Melis, L. Poddighe, M. Del Fiacco, D. Falconieri, G. Carta, A. Piras, E. Murru, M. Collu, S. Banni

Effect of acute administration of dietary Pistacia lentiscus L. essential oil on the ischemia-reperfusion-induced changes in rat frontal cortex and plasma

47. S. Salucci, S. Burattini, M. Battistelli, B. Canonico, S. Papa, E. Falcieri

Myotube vs myoblast sensitivity to apoptosis induction by chemical triggers

48. S. Burattini, S. Salucci, V. Baldassarri, A. Accorsi, M. Candiracci, G. Piersanti, J.L. Espartero Sanchez, G. Zappia, E. Falcieri

Hydroxytyrosol derivatives prevent apoptosis and autophagy

15:00-16:00

Aula Magna

Sessione di Comunicazioni: Cancro e Cancer Stem Cells (2^a parte)

Moderatori: M. Bentivoglio, L. Fumagalli, P. Narducci Bareggi

V. Bertagnolo, S. Grassilli, E. Magri, M. Pedriali, M. Palomba, F. Brugnoli, E. Nika, S. Capitani

Specific PI-PLCs expression patterns as prognostic factors in breast cancer

M. Martinelli, G. Ugolini, L. Scapoli, S. Rivetti, M. Lauriola, G. Mattei, G. Rosati, I. Montroni, A. Manaresi, D. Zattoni, M. Taffurelli, R. Solmi

The **R521K** polymorphism of EGFR influences the risk of colorectal cancer

A. Bavelloni, I. Faenza, M. Piazzì, W. Blalock, A. D'Angelo, F. Tagliavini, D. Pinetti, S. Matteucci, G.A. Mariani, L. Cocco

Identification of nuclear substrates of Akt/PKB by functional proteomics: prohibitin2 is a target of Akt phosphorylation in human promyelocytic leukemia cells

G. Lama, C. Angelucci, E. Cupelli, G. Sica, M. De Spirito, M. Papi

Effects of GnRH agonist treatment on GnRH receptors in human prostate cancer cells: an atomic force microscopy study

C. Angelucci, G. Lama, G. Proietti, C. Fabbri, R. Masetti, G. Sica, G. Maulucci

Breast cancer cells and fibroblasts in co-culture: reciprocal influences on cell adhesion, membrane fluidity and migration

Aula D

Sessione di Comunicazioni: Modelli di Malattia (2^a parte)

Moderatori: G. Anastasi, L. Cocco, A. Dolfi, M. Gulisano

L. Tamagnone

G. Cipriani, M.S. Faussone-Pellegrini, M.G. Vannucchi

NK-receptors, Substance P, Ano1 expression and the ultrastructural features of the muscle coat are modified in the Cav-1 -/- mouse ileum

M. Manetti, S. Guiducci, E. Romano, C. Ceccarelli, M. Matucci-Cerinic, L. Ibba-Manneschi

Overexpression of VEGF165b, an inhibitory splice variant of vascular endothelial growth factor, leads to insufficient angiogenesis in patients with systemic sclerosis

C.L. Mammola, L. Pannarale, A. Vitalone, P. Izzo, G. Mazzanti

Role of Cassia angustifolia on hepatic toxicity in Wistar rats

F. Cappello, A. Di Stefano, G. Caramori, C. Campanella, C. Vicari, I. Gemmi, A. Zanini, A. Spanevello, A.

Capelli, G. La Rocca, R. Anzalone, F. Bucchieri, S.E. D'Anna, F.L.M. Ricciardolo, P. Brun, B. Balbi, M. Carone, E. Conway de Macario, A.J.L. Macario, G. Zummo

A multipronged approach to unveil the emerging role of Hsp 60 in chronic obstructive pulmonary disease

16:00 Pausa caffè

16:20-18:00

16:20-17:20

Aula Magna

Sessione di Comunicazioni: Anatomia Clinica

Moderatori: M. Cannas, S. Miscia, G. Zummo

S. Castorina, G. Cutroneo, D. Milardi, A. Favaloro, A. Duca, F. Speciale, L. Magaudo

A 3D and 4D anatomical study of the human heart: analysis by direct volume rendering technique

G. Familiari, M. Relucenti, R. Heyn, L. Petruzzello, G. D'Andrea, P. Familiari, M. Acqui, A. Angelini, A.

Romano, A. Raco, A. Bozzao

Improvement of neuroanatomy learning in first/second year medical students using Brain SUITE (R)-aided lessons

R. Heyn, V. Papaspyropoulos, G. Familiari

Postgraduate eLearning satellite-based tutorials as a new approach to "teaching to teach" anatomy

S. Mantini, E. Bruner, B. Colaiacomo, F. Spano, F. Marziali, G. Rossi, G. Gualdi, M. Ripani

An angio-tomographic approach to the study of the variation of the middle meningeal artery in humans

M.C. Turci, M.B. Viani, V.G. Ferrara, G.P. Grassi

Growth in primary school-children: a longitudinal study in three age-groups

S. Zara, M. Rapino, M. De Colli, L. Serafina Cerasa, A. Cataldi

pPKC epsilon mediated metalloproteinase 2 and 9 levels upon ibuprofen and lipoic acid conjugate (codrug 1) treatment in an Alzheimer disease rat brain model

17:20-18.00

Aula Magna

Sessione di Comunicazioni: Anatomia Clinica - Odontostomatologia

Moderatori: G. Macchiarelli, G. Marotti, M.G. Pellegrini Faussonne, A. Ruggeri

F.V. Sidequersky, A. Mapelli, I. Annoni, G. Lodetti, C.M. De Felicio, C.L. Pimenta Ferreira, C.Sforza

Three-dimensional analysis of jaw movements during unilateral gum chewing in healthy subjects and patients with temporomandibular disorders

G. Anastasi, D. Bruschetta, P. Bracco, M.G. Piancino, G. Isola, A. Centofanti, D. Militi

Integrins in masseter muscle in unilateral crossbite patients: an immunohistochemical and molecular study

G. Cutroneo, A. Centofanti, R. Beccaria, G. Matarese, A. Militi, M. Portelli, G. Cordasco

An immunohistochemical study of the human periodontal ligament during spermental orthodontic movement

A. Pisciotta, M. Riccio, T. Maraldi, E. Resca, G. Carnevale, M. Zavatti, A. Motta, C. Migliaresi, A. De Pol

Human Dental Pulp Stem Cells associated to silk protein scaffold restore critical size bone defects in vivo

Aula D

Sessione di comunicazioni: Modelli di Malattia (3ª parte)

Moderatori: S. Cinti, A. Paparelli, L. Roncali, A. Sbarbati

S. Volinia, M. Galasso, M.E. Sana, M. Previati, C.M. Croce

Non coding RNAs: reprogramming of miRNAs network in cancer and highly specific transcribed ultraconserved regions in human normal tissues and pluripotent stem cells

V. Tirino, F. Paino, V. Desiderio, L. Altucci, G. Papaccio

Characterization and gene expression of cancer stem cells grown as sarcospheres from human primary sarcomas

E. Donetti, A. Gualerzi, F. Ricceri, L. Pescitelli, N. Gagliano, F. Prignano

Skin morphological analysis upon treatment with anti-TNF-alpha agents in psoriatic patients

A. Franchitto, P. Onori, S. Glaser, A. Renzi, R. Mancinelli, Y. Ueno, J. Venter, D. Alvaro, G. Alpini, E. Gaudio

Knockout of the Neurokinin-1 Receptor Reduces Cholangiocyte Proliferation in Bile Duct Ligated Mice

G. Luca, M. Calvitti, F. Mancuso, G. Murdolo, I. Arato, G. Falabella, C. Tortoioli, C. Lilli, C. Bellucci, T. Baroni, M. Bodo, E. Becchetti, R. Calafior

Xenograft of free or microencapsulated Sertoli cells as a potential therapy for experimental Type 2 Diabetes Mellitus

J. Bertacchini, M. Guida, B. Accordi, P. Barozzi, F. Forghieri, G. Milani, L. Galla, M. Giordan, V. Calvert, Lance Liotta, Emanuel Petricoin III, Giuseppe Basso, Mario Luppi, Sandra Marmioli
Protein microarray analysis of aberrant signaling pathways in Acute Myeloid Leukemia to predict the patients responsiveness to **PI3K/Akt/mTOR** inhibitors

A.S. Belloni, T.M. Seccia, D. Guidolin, B. Caroccia, V. Sartor, L. Petrelli, G.P. Rossi
Endothelin-1 (ET-1) modulates epithelial-mesenchymal transition (EMT), which contributes to kidney tubulo-interstitial fibrosis in angiotensin II-dependent hypertension

A. Bartalucci, M. Ferrucci, F. Fulceri, G. Lazzeri, A. La Torre, M. Gesi, A. Paparelli
High-intensity exercise training produces morphological and biochemical changes in adrenal gland of mice

20:00 Cena sociale presso il Ristorante Kofler

Giovedì, 29 settembre (Complesso Vallisneri)

8.30-10:00 Apertura del seggio elettorale e banchetto tesoreria

8:30-10:00

Aula Magna

8:30-9:30

Sessione di comunicazioni: Neuroanatomia (2^a parte)

Moderatori: A. Caruso, F. Michetti, C. Tacchetti, S. Zecchi

M. Bentivoglio

G. Cutroneo, G. Vermiglio, G. Santoro, G. Rizzo, G. Anastasi

Sarcoglycans in cerebellar cortex: an immunohistochemical study

C. Fabrizi, E. Pompili, F. Somma, F. Fornai, P. Lenzi, L. Fumagalli

Autophagy inhibitors and inducers as modulators of trimethyltin toxicity in neurons and glial cells

V. D'Agata, A.G. D'Amico, G.M. Leggio, A. Castorina, S. Giunta, M.L. Carnazza, F. Drago

Dopamine D3 receptor, neurofibromin and amyloid precursor protein expression during learning

F. Trimarchi, A. Duca, G. Vaccarino, D. Milardi

Normal basal ganglia variation in the human brain: an MRI and VBM based morphological and morphometrical analysis

Aula Magna

9:30-10:00

Sessione di comunicazioni: Ingegneria dei Tessuti

Moderatori: S. Capitani, R. Di Primio, M. Rende, D. Ribatti

F. Paternostro, A. Tani, A. Dama, G. Lo Russo, A. Quattrini Li, M. Margheri, C. Mirabella, R. Saccardi, S. Zecchi-Orlandini

Integra®; dermal matrix bioengineered with platelet rich plasma (PRP) and mesenchymal stromal cells to serve as niche for skin regeneration

V. Strusi, N. Zini, D. Dallatana, A. Parrilli, R. Giardino, G. Lippi, G. Spaletta, E. Bassoli, A. Gatto, M. Iafisco, M. Sandri, A. Tampieri, R. Toni

Ex situ bioengineering of the rat thyroid using as a scaffold the three-dimensional (3D) decellularized matrix of the glandular lobe: clues to the organomorphic principle

A. Ongaro, A. Pellati, F.F. Masieri, A. Caruso, S. Setti, M. Battista, R. Cadossi, M. De Mattei

Electromagnetic fields counteract IL-1 β ; during chondrogenesis in synovial bovine mesenchymal progenitor cells

Aula D

Sessione di comunicazioni: Stem Cells

Moderatori: M. Falconi, P.P. Parnigotto, G. Sica, M. Vitale

C. Nervi

Ruolo dei microRNA nella mielopoiesi normale e leucemica

G. Carpino, V. Nobili, P. Onori, A. Alisi, A. Franchitto, R. De Vito, R. Mancinelli, G. Alpini, D. Alvaro, E. Gaudio
Hepatic progenitor cells as a source of adipokines and glucagon-like peptide-1 in pediatric nonalcoholic fatty liver disease

M. Manetti, A.F. Milia, S. Guiducci, E. Romano, B. Mazzanti, C. Ceccarelli, R. Saccardi, M. Matucci-Cerinic, L. Ibba-Manneschi

Bone marrow-derived mesenchymal stem cells from early diffuse systemic sclerosis stimulate in vitro angiogenesis and foster revascularization of ischemic limbs

C. Sassoli, F. Chellini, B. Mazzanti, S. Nistri, A. Pini, S. Zecchi-Orlandini, L. Formigli

Mesenchymal stromal cells stimulate **C2C12** myoblast cell proliferation: potential relevance in skeletal muscle regeneration.

S. Carotti, U. Vespasiani-Gentilucci, A. Onetti-Muda, M. Ujue Latasa, M.A. Avila, Guido Carpino, A. Picardi, S. Morini

Toll-like receptor-4 expression by hepatic progenitor cells and biliary epithelial cells in HCV-related chronic liver disease

D. Foudah, A. Scuteri, J. Redondo, G. Tredici, M. Miloso

Evaluation of neural markers expression in human mesenchymal stem cells after mesengenic differentiation

E. Donzelli, G. Nicolini, C. Caldara, A. Scuteri, M. Miloso

Effects of valproic Acid, berberin and resveratrol on human mesenchymal stem cells adipogenic differentiation

A. Porzionato, M.M. Sfriso, V. Macchi, A. Rambaldo, G. Sarasin, C. Stecco, G. Lago, L. Lancerotto, V. Vindigni, R. De Caro

Decellularization of rat and human omentum to develop novel scaffolds to be recellularized with adipose derived stem cells

10:00 Pausa caffè

10:30-12:00

Aula Magna

Simposio tematico: L'insegnamento della Anatomia e della Istologia

Moderatori: R. De Caro, A. Montella, F. Naro

- G.P. Anastasi
- E. Gaudio
- C. Sforza
- G. Bressan
- M. Molinaro
- E. Ziparo

12:00-13:00

Aula Magna

Seduta Amministrativa

13:00 Colazione di lavoro

14:00-15:00

II Sessione Posters

1. T. Lorenzi, A. Turi, M. Lorenzi, F. Paolinelli, F. Manciola, L. La Sala, M. Morroni, P. Ciarmela, A.L. Tranquilli, M. Castellucci, D. Marzoni

Possible role of placental CD100, CD72 and CD45 molecules in human miscarriage

2. M. Mattioli-Belmonte, C. Ferretti, P. Gentile, M. Orciani, V.a Borsari, R. Di Primio
Periosteal derived cells and bone tissue regenerative medicine
3. V. Mazzearello, F. Farace, M. Faenza, G. Piga, M. Ferrari, R. Farina, C. Rubino
SEM low vacuum study of fat transfer Coleman’s technique: effect of centrifugation and sedimentation on adipocyte morphology
4. F. Mignini, C. Capezzone, E. Pompili, C. Fabrizi, M. Artico, E. Bianchi, S.L. Nori, L. Fumagalli
Dopamine receptors and transporters sensitivity to trimethyltin in rat hippocampus and facial nucleus.
5. V. Nicolin, S.L. Nori, R. Bareggi, P. Narducci
Physiology and pathophysiology of the RANKL/RANK system.
6. B. Noli, C. Cocco, F.J.P. Ebling, P.H. Jethwa, F. D'Amato, G.L. Ferri
VGF-peptides in the Siberian hamster
7. S.A. Nottola, M.G. Palmerini, M. Maione, C. Lorenzo, S. Succu, F. Berlinguer, G.G. Leoni, S. Naitana, G. Macchiarelli
Morphofunctional aspects of in vitro matured oocytes from prepubertal and adult sheep
8. F. Ortolani, A. Bonifacio, A. Bonetti, Al. Della Mora, V. Sergo, M. Marchini
Chemical characterization of cell-death-dependent calcification in aortic valve stenosis by Raman mapping on sections and matching against histochemical counterparts
9. L. Bonaccini, L. Di Cesare Mannelli, M. Zanardelli, E. Sgambati, C. Ghelardini, A. Pacini
An in vivo study on oxaliplatin-induced neuropathic pain: the protective effects of antioxidant compounds
10. S. Pacini, T. Punzi, G. Morucci, M. Ruggiero
Macrophages of the mucosa-associated lymphoid tissue (MALT) as key elements of the immune response to vitamin D binding protein-macrophage activating factor
11. D. Filingeri, P. Proia, A. Bianco, G. Schiera, P. Saladino, F. Pomara, M. Petrucci, M. Traina, A. Palma
Monitoring biomarkers during preseason preparation period in professional soccer players
12. C. Palumbo, M. Ferretti, L. Bertoni, F. Cavani, M. Benincasa, P. Sena, G.L. Sacchetti, S. Setti, R. Cadossi
Effect of pulsed electromagnetic fields (PEMFs) on chondrogenic phenotype maintenance of MSCs in presence of pro-inflammatory cytokines: preliminary results
13. V. Papa, A. Mazzoni, A. Cova, V. Angeloni, L. Breschi
Immunohistochemical and biochemical identification of MMP-2 in dentin
14. P. Demurtas, M. Corrias, C. Maxia, G. Orrù, V. Argiolas, P. Coni, I. Zucca, S. Lai, F. Piras, L. Minerba, M.T. Perra
Association between the angiotensin-converting enzyme (ACE) insertion/deletion (I/D) polymorphism and pterygium in Sardinian patients
15. R. Pillai, P. Caria, S. Cabras, F. Saba, R. Vanni, V. Sogos
Thyrospheres enriched in stem-like cells from B-CPAP thyroid cancer cell line: morphomolecular characterization
16. A. Pirino, A. Sotgiu, E. Aiello, G. Masala, M. Cavazzutti, C. Doria, A. Montella
Morphologic and functional evaluation of the carpal tunnel syndrome before and after treatment
17. A. Asti, L. Gioglio, G. Gastaldi, D. Prè, G. Magenes, P. Poggi
Cross-striated collagen fibers formation with low amplitude, high frequency vibrations

18. M. Polimeni, D. Gandolfi, S. Cerri, J. Mapelli, S. Tritto, M. Alloni, M.T. Armentero, F. Blandini, E. D'Angelo
Immediate early genes regulation in rat cerebellar cortex during long-term synaptic plasticity induction
19. M. Ruggiero, S. Pacini, T. Punzi, G. Morucci, M. Gulisano, C. Koehnlein, H.H. Bauer
Clinical significance of immune-system laboratory tests
20. A. Micali, A.M. Roszkowska, R. Spinella, P. Aragona, A. Pisani, M. Righi, D. Puzzolo
The human corneal epithelium after alcohol delamination: a structural and ultrastructural study
21. C. Montagnoli, L. Casali, M. Dodaj, C. Gradoli, A. Pistilli, A.M. Stabile, M.G. Rambotti, A. Spreca, M. Rende
Modulation of Nerve Growth Factor receptors in human monocytes and their influence in pulmonary inflammatory diseases
22. G. Favero, C. Rossini, E. Foglio, F. Bonomini, R.J. Reiter, R. Rezzani
Aging and vascular dysfunction: beneficial melatonin effects
23. L.F. Rodella, B. Buffoli, R. Boninsegna, A. Papini, M. Labanca, M. Tschabitscher
The myloglossus muscle: anatomical and clinical observations
24. A. Trirè, V. Salvatore, F. Nato, G. Teti, A. Ruggeri Jr
Distribution of DMP-1 and DSPP in human carious dentin: an immunohistochemical analysis
25. E. Salvolini, G. Lucarini, E. Buldreghini, A. Pugnaroni, C. Ferretti, G. Balercia
Nitric oxide and human sperm motility: an immunohistochemical study
26. P. Sena, F. Mariani, L. Marzona, L. Roncucci, C. Palumbo
Quantification and localization of matrix metalloproteinases (MMP15 and MMP19) in human colorectal carcinogenesis
27. R. Sferra, E. Gaudio, E. Corazziari, A. Marcheggiano, C. Severi, N. Pallotta, S. Pompili, A. Vetusch
A morphological and immunohistochemical study of human intestinal fibrogenesis during Crohn's disease
28. E. Sgambati, L. Bonaccin, A. Tani, M. Margheri, G.D. Zappoli Thyron, L. Vitali, V. Selmi, A. Pacini, C. Adembri
Sialic acid expression in rat kidney urinary tubule after experimental polymicrobial sepsis
29. B. Bellini, R. Spera, M. Marzullo, L. Marotta, R. Martello, M. Galderisi, G. Guerra, S. Montagnani
Differences of myocardial systolic deformation and correlates of diastolic function in competitive rowers and young hypertensives: a speckle-tracking echocardiography study
30. C. Rossini, G. Favero, E. Foglio, M. Peroni, R.J. Reiter, R. Rezzani, A. Stacchiotti
Vascular oxidative stress-induced senescence is minimized by melatonin intake in ApoE-deficient mice
31. G. Guerra, F. Caranci, D. Tafuri, A. Soscia, M. Cinelli, A. Russo, L. Brunese, S. Montagnani
Segmental hypoplasia of the basilar artery: a case report and review of literature
32. S.K. Tayebati, I.E. Nwankwo, M. Borsa, E. Traini, F. Amenta
New route for Tizanidine administration: a pharmacokinetics and light microscope autoradiography study
33. D. Tomassoni, M.G. Gabrielli, S. Panarello, D. Accili, F. Amenta
Specific features of the intestinal mucosa of obese Zucker rats

34. C. Milanese, C. Lovato, F. Piscitelli, A. Giachetti, C. Zancanaro
Photonic scanning for anthropometry
35. L. Sancillo, M. Zingariello, B. Ghinassi, D. Bosco, A.R. Migliaccio, R.A. Rana
TGF- β 1/Activin Receptor-Like Kinase inhibition restores marrow hematopoiesis in the Gata1^{low} mouse model of myelofibrosis
36. G. Pellegrini, D. Carmagnola, S. Milani, M. Toma, M. Giammattei, C. Dellavia
Immunohistochemical evaluation of pro-inflammatory molecules in the soft tissue surrounding switching platform implants
37. F. Loy, M. Diana, P. Solinas, R. Isola, M. Isola, G. Conti, M. Cossu, M.S. Lantini, J. Ekström, A. Riva
Human submandibular glands treated 'in vitro' with amisulpride. An HRSEM morphological and morphometrical study.
38. E. Canciani, C. Allievi, A. Colombo, A. Maragno, F. Musto, V.F. Ferrario
Histologic evaluation of bone tissue affected by bisphosphonates related osteonecrosis of the jaws
39. C. Brancia, B. Noli, C. Cocco, P. Bongioanni, V. Sogos, G.L. Ferri
VGF peptides: differential expression in motor neurons, and possible changes in Amyotrophic Lateral Sclerosis (ALS)
40. R. Di Liddo, A. Gandaglia, S. Barbon, A. Martinelli, A. Tasso, P. Aguiari, E. Schittullo, G. Gerosa, M.T. Conconi, P.P. Parnigotto
Reconstruction of aortic and pulmonary valves by acellular matrix and circulating stem cells
41. G. Musumeci, C. Caltabiano, C. Loreto
Aquaporin1 expression in human normal temporomandibular disc.
42. G. Musumeci, M.L. Carnazza, C. Loreto
Beta-defensin-4 (HBD-4) is expressed in chondrocytes derived from normal and osteoarthritic cartilage encapsulated in poly(ethylene glycol) diacrylate (PEGDA) scaffold.
43. C. Stecco, A. Porzionato, V. Macchi, A. Stecco, R. Stern, R. De Caro
Analysis of the presence of the hyaluronic acid inside the deep fasciae and in the muscles
44. V. Macchi, A. Porzionato, C. Macchi, C. Stecco, R. De Caro
Hallux valgus and fusion of the middle phalange of V ray
45. F. Luchetti, B. Canonico, E. Cesarini, C. Tortoioli, M. Arcangeletti, L. Galli, L. Iuliano, G. Murdolo, F. Galli, S. Papa
New role of oxysterols as regulators of adipogenic differentiation in adipose-derived mesenchymal stem cells
46. G. Musumeci, M.L. Carnazza, V. Cardile, C. Loreto
Mesenchymal stem cells from adipose tissue differentiated in chondrocytes into three-dimensional clusters termed chondrocyte 'nodules' express lubricin

15:00-16:20
Aula Magna

Sessione di comunicazioni: Anatomia Clinica (2ª parte)

Moderatori: G. Peri, S. Papa, A. Soscia, A. Zicca

E. Sapte, C.L. Stefanescu, P. Bordei

Uniqueness of the palatine rugae (ridges) - morphological analysis

V. Mazzaello, G. Solinas, E. Curreli, S. Dettori, R. Farina, G. Piga, M. Ferrari, A. Montella

Short test evaluation of the anti-wrinkles efficacy of topical adhesive pads

L. Petruzzello, M. Relucenti, D. D'Aluisio, S. Iannaccio, M.R. Giovagnoli, A. Lukic, G. Familiari, R. Heyn

The PapCone; as a valid cervical sampling device: a comparative ultrastructural and semiquantitative study

M. Relucenti, R. Heyn, L. Petruzzello, G. Pugliese, M. Taurino, G. Familiari

Intima neovascularization studied on epoxy-resin semithin sections in a rare case of carotid recurrent in-stent restenosis

A. Riva, G. Conti, F. Loy

Scientific achievements in the Clemente Susini wax anatomical models of the University of Cagliari.

A. Bonetti, A. Della Mora, C. Magali, F. Tubaro, M. Rattazzi, M. Marchini, F. Ortolani

In vitro reproduction and ultrastructural detection of the genesis of calcifying cell-derived structures identical to actual hydroxyapatite nucleators in calcific aortic valve stenosis

E. Scribano, G. Ascenti, D. Milardi, R. Donato, G. Vaccarino, G. Santoro

Real – time three-dimensional anatomical reconstruction of the human heart from normalized dataset

C. Tiengo, V. Macchi, C. Stecco, A. Porzionato, B. Azzena, R. De Caro

Anatomo-radiological study of the internal pudendal perforator vessels : clinical relevance in reconstructive surgery of the perineal region

Aula D

Sessione di comunicazioni : Matrice Extracellulare e Medicina Rigenerativa

Moderatori: C. Caltabiano, M.L. Carnazza, G. Zauli

A. Bardelli

G. Bressan, P. Braghetta, N. Facchinello

Emilin-1 controls arterial blood pressure by regulating contractility of vascular smooth muscle cells

M.Y. Follo, S. Mongiorgi, C. Clissa, C. Bosi, M. Baccarani, G. Martinelli, P. Santi, G. Ramazzotti, A.M. Billi, L. Manzoli, C. Finelli, L. Cocco

Epigenetic regulation of nuclear inositide signalling in high-risk MDS patients

A. Ongaro, A. Caruso, F. Francesca Masieri, A. Pellati, K. Varani, F. Vincenzi, P.A. Borea, L. Massari, R. Cadossi, M. De Mattei

Electromagnetic fields (EMFs) and adenosine receptors modulate prostaglandin E2 and cytokine production in human osteoarthritic synovial fibroblasts.

C. Traini, G. Cipriani, R. Garella, M.C. Baccari, M.G. Vannucchi

Relaxin increases contractile activity and neuronal Nitric Oxide Synthase (nNOS) expression in the muscle coat of mouse colon.

P. Brun, P. Brun, M. Vono, M. Zuin, E. Martines, G. Abatangelo, W. Giuriati, I. Castagliuolo, A. Leonardi
Disinfection of ocular cells and tissues by atmospheric-pressure cold plasma

C. Gardin, L. Ferroni, V. Vindigni, R. Cortivo, G. Abatangelo, B. Zavan
In vitro concurrent endothelial and osteogenic commitment of adipose-derived stem cells and their
genomical analyses through CGH array: novel strategies to increase the succesfull engraftment of a tissue
engineered bone grafts

16:20 Pausa caffè

16:45-18:00

Aula Magna

Sessione di comunicazioni: Sviluppo e Differenziazione

Moderatori: M. Buscemi, S. Montagnani, R. Toni

M.A.D'Amico, P. Izzicupo, A. Di Fonso, A. Bascelli, S. Gallina, A. Di Baldassarre
The phosphoinositide 3-kinase role in IL- 6 induction to differentiation of rat embryonic cardiomyocytes

S. Guizzardi, J. Uggeri, P. Govoni, R. Gatti
Hyaluronic acid enhance polynucleotides effect on cultured dermal fibroblasts

A. Favalaro, A. Arco, C. Magno, F. Speciale, L. Magaudo
Sarcoglycan subcomplex on normal and pathological prostatic tissue: an immunohistochemical and
molecular study

C. Antinozzi, M. Pellegrini, F. Cavallo, R. Geremia, M. Barchi
Histone **H2Ax** is required for proper chromosome synapses and double strand breaks repair of mouse
spermatocytes

G. Del Zotto, F. Buccella, B. Canonico, F. Luchetti, F. Palma, S. Papa, L. Zamai
LFA-1 antigen identifies immature stages of human NK cell differentiation

G. Guerra, F. Moccia, F. Tanzi, S. Dragoni, U. Laforenza, V. Rosti, M. Cinelli, S. Montagnani
VEGF induces human endothelial progenitor cells proliferations by eliciting oscillations in intracellular Ca²⁺
concentration

G. Albertin, D. Guidolin, B. Oselladore, D. Ribatti, R. De Caro
Molecular mechanisms mediating the in vitro pro-angiogenic effect of urotensin-II

Aula D

Sessione di comunicazioni: Anatomia del Movimento

Moderatori: A. Di Baldassare, E. Falceri, L. Magaudo

R. Saggini, F. Speciale, G. Rizzo, R.G. Bellomo, G. Speranza, D. Di Mauro
Flexible flatfoot treatment in children with mechanical sound vibration therapy

A. Ciccarelli, S. Mantini, B. Colaicomo, S. Sorrenti, R. Scrimaglio, M. Ripani
Geometric morphometric approach in the study of the footprint variation in children between 6 and 12
years of age

S. Geuna, L. Muratori, G. Ronchi, S. Raimondo, M. Fornaro, M.G. Giacobini-Robecchi
A long-term post-traumatic study in the rat median nerve crush injury model

A.F. Milia, D. Melchiorre, M. Manetti, E. Romano, S. Guiducci, M. Innocenti, S. Linari, M. Morfini, M. Matucci-Cerinic, L. Ibba-Manneschi

Histopathological modifications in blood-induced haemophilic arthropathy

M. Marini, D. Mirandola, G. Miccinesi, M.G. Muraca, E. Sgambati, M. Monaci

Role of physical activity program in the tertiary prevention of female breast cancer: a pilot study

S. Pratesi, F. Paternostro, A. Tani, C. Sassoli, A.C. Cappellini

Waist circumference correlates with Body Mass Index (B.M.I.) in school-aged children.

M. Franchi, V. De Pasquale, D. Martini, M. Quaranta, V. Ottani

Role of interfibrillar proteoglycans in tendon elastic recoil.

19:30 Cena di gala al Palazzo della Ragione