

**Percorso di Formazione A Distanza:  
" e-Micro Learning "**

**FAD e-Learning: N° ECM: 106 – 322703**

**SEDE PIATTAFORMA FAD: UFFICI PKG srl: Firenze, via Giovanni del Pian dei Carpini 96/7 – 50127**

**INDIRIZZO PIATTAFORMA WEB: [www.pkg-education.com](http://www.pkg-education.com)**

**INDIRIZZO SERVER: [www.pkg-education.com](http://www.pkg-education.com)**

**INFORMAZIONI DI DETTAGLIO SUL PROGRAMMA FORMATIVO**

**RAZIONALE**

La Microbiologia clinica è una disciplina finalizzata allo studio, alla diagnosi ed alla terapia delle malattie dell'uomo causate direttamente o indirettamente da microorganismi. Il fine ultimo di questa attività è quello di garantire ai clinici gli strumenti necessari per eseguire una diagnosi sicura in tempi rapidi, attuare una terapia mirata e, eventualmente, pianificare e mettere in atto una serie di procedure atte ad impedire il diffondersi delle infezioni.

Il microbiologo ha anche una importante responsabilità nella interpretazione dei dati microbiologici, che dipende da diversi fattori quali ad esempio la qualità del campione, la valutazione del microrganismo isolato come patogeno primario o opportunista, il sospetto clinico o l'ipotesi diagnostica, le condizioni immunitarie del soggetto al momento del prelievo.

Il corso e-micro learning intende affrontare alcune tematiche attuali della microbiologia clinica con una modalità di formazione interattiva teorico-pratica, allo scopo di migliorare le competenze dei microbiologi e per aprire un confronto costruttivo sulla possibile risoluzione di problemi aperti che non trovano al momento una linea guida di indirizzo scientificamente validata.



**OBIETTIVI FORMATIVI E COERENZA CON L'OBIETTIVO NAZIONALE**

Coerenza con Obiettivo Nazionale N° 2: Linee guida – Protocolli – Procedure

**DESTINATARI**

Il percorso formativo è rivolto a Medici Chirurghi con specializzazione in:

- Biomichimica clinica
- Microbiologia e Virologia

Ed a:

- Biologo
- Chimico
- Tecnico sanitario di laboratorio biomedico

**DURATA DEL CORSO**

La FAD e-learning sarà attiva dal **31 MAGGIO** al **20 GIUGNO 2021**.

**ATTIVITA' DI TUTORAGGIO E MODALITA' DI EROGAZIONE DEL PERCORSO FORMATIVO**

Non è prevista attività di tutoraggio.



**PROGRAMMA**
**FAD E-LEARNING**

**1° STEP PERCORSO FAD e-learning (durata 3 ore) attiva dal 31 MAGGIO al 10 GIUGNO 2021**

RELAZIONE	RELATORE
Introduzione alla FAD e presentazione degli obiettivi formativi	E. Carretto L. Drago
Lezione interattiva: Sierologia COVID	E. Carretto
Lezione interattiva: Le Polmoniti Batteriche	L. Drago
Conclusioni e take home messages	E. Carretto L. Drago

**2° STEP PERCORSO FAD WEB Conference (durata 2,5 ore) 14 GIUGNO 2021**

ORARIO	RELAZIONE	RELATORE
14.55 – 15.00	Introduzione e presentazione degli obiettivi del corso	E. Carretto L. Drago
<b>RECAP TEMI TRATTATI DURANTE LA FASE E-LEARNING</b>		
15.00 – 16.15	<b>Sierologia COVID</b>  Analisi dati emersi dalle lezioni interattive Questions & Answers	E. Carretto
16.15 – 17.30	<b>Le Polmoniti Batteriche</b>  Analisi dati emersi dalle lezioni interattive Questions & Answers	L. Drago

**Durata complessiva 5 ore.**

**RESPONSABILE SCIENTIFICO**

Responsabili Scientifici: Dott. Edoardo CARRETTO, Prof. Lorenzo DRAGO


**PKG**  
 EDUCATIONAL PACKAGES

**PKG s.r.l.**

Via G. del Pian dei Carpini 96/7 - 50127 Firenze

Tel. 055.411625 - Fax 0554224290

Capitale Sociale Euro 10.000 I.V.

Cod. Fiscale P IVA e Registro Imprese Firenze 05582670484

**NUMERO CREDITI ECM ASSEGNNATI**

All'evento sono stati assegnati 5 crediti ECM

**FACULTY (in ordine alfabetico)**

CARRETTO	EDOARDO	RELATORE E RESPONSABILE SCIENTIFICO	LAUREA: Medicina e Chirurgia SPECIALIZZAZIONE: Malattie Infettive, Microbiologia e Virologia AFFILIAZIONE: Direttore S.C. di Microbiologia, IRCCS Arcispedale Santa Maria Nuova – REGGIO EMILIA
DRAGO	LORENZO	RELATORE E RESPONSABILE SCIENTIFICO	LAUREA: Scienze Biomediche SPECIALIZZAZIONE: Microbiologia Clinica e Virologia AFFILIAZIONE: Professore Associato di Microbiologia Clinica presso l'Università degli Studi di Milano e Responsabile del Laboratorio di Microbiologia Clinica e della piattaforma di metagenomica microbica per lo studio del Microbiota umano presso il Dipartimento di Scienze Biomediche per la Salute della Facoltà di Medicina e Chirurgia di Milano - MILANO

**VALUTAZIONE DELL'APPRENDIMENTO**

Al termine dell'intero percorso i partecipanti dovranno compilare un questionario di apprendimento finale ai fini dell'erogazione dei crediti ECM.

**DATI PROVIDER**

Accreditamento Provider: PKG srl con decorrenza dal 15/10/2012 è Provider Standard Nazionale con numero identificativo 106 dopo aver ottenuto il parere positivo dalla Commissione Nazionale per la Formazione Continua. Tale accreditamento è valido per un periodo di 4 anni ai sensi dell'Accordo stipulato in sede di Conferenza permanente per i rapporti tra lo Stato, le Regioni e le Province Autonome di Trento e Bolzano in data 5 novembre 2009 e del suo Regolamento Applicativo approvato dalla Commissione Nazionale per la Formazione Continua in data 13/01/2010 e successive modifiche del 19 aprile 2012. PKG s.r.l. è inoltre certificata UNI EN ISO 9001:2015 per la progettazione ed erogazione di servizi di formazione continua in medicina come provider ECM (Certificato TUV 50 100 9892).


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Capitale Sociale Euro 10.000 I.V.

Cod. Fiscale P IVA e Registro Imprese Firenze 05582670484

**FORMATO EUROPEO  
PER IL CURRICULUM  
VITAE**

**INFORMAZIONI PERSONALI**

Nome  
Indirizzo  
Telefono  
Fax  
E-mail  
  
Nazionalità  
  
Data e luogo di nascita  
  
Codice fiscale

Edoardo Carretto

[REDACTED]

**ESPERIENZA LAVORATIVA**

• Date (da - a)

- 10 gennaio 2011 a tutt'oggi. Direttore S.C. di Microbiologia, IRCCS Arcispedale Santa Maria Nuova, Reggio Emilia  
- 20 settembre 1998 - 09 gennaio 2011. Dirigente Medico presso la S.C. Virologia e Microbiologia, Laboratori Sperimentali di Ricerca Area Infettivologica, Fondazione IRCCS Policlinico "San Matteo", Pavia

- 30 dicembre 1994 - 20 agosto 1996. Assistente Medico, Reparto Malattie Infettive, Ospedale di Piacenza (PC)  
Istituto di Ricovero e Cura a Carattere Scientifico Arcispedale Santa Maria Nuova, Viale Risorgimento, 80 - 42123 Reggio Emilia  
Ospedale pubblico  
Direttore di Struttura Complessa  
Direttore della S.C. di Microbiologia. Settori di lavoro: diagnostica e ricerca applicata.

**ISTRUZIONE E FORMAZIONE**

• Date (da - a)

1999-2002. Specializzazione in Microbiologia e Virologia,  
Università di Torino

1989-1993. Specializzazione in Malattie Infettive, Università di Pavia

1982-1989. Laurea in Medicina e Chirurgia, Università di Pavia  
vedi sopra

vedi sopra

vedi sopra

vedi sopra

• Nome e tipo di istituto di istruzione o formazione

• Principali materie / abilità professionali oggetto dello studio

• Qualifica conseguita

• Livello nella classificazione nazionale (se pertinente)

## CAPACITÀ E COMPETENZE

### PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.

#### MADRELINGUA

italiano

#### ALTRE LINGUA

inglese, tedesco, francese

inglese, ottima; tedesco, buona; francese, buona  
inglese, buona; tedesco, buona; francese, elementare  
inglese, buona; tedesco, elementare; francese, elementare

## CAPACITÀ E COMPETENZE

### RELAZIONALI

Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e sport), ecc.

## CAPACITÀ E COMPETENZE

### ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.

[ Descrivere tali competenze e indicare dove sono state acquisite. ]

Per quanto attiene l'ambito della microbiologia clinica, coordina e dirige progetti di ricerca nell'ambito del proprio Ospedale; ha promosso e coordinato studi multicentrici nazionali; ha fatto parte di indagini multicentriche internazionali, coordinando gruppi di ricerca anche a carattere internazionale. Principali settori di interesse: tipizzazione microbica con tecniche molecolari in outbreak ospedalieri; identificazione e caratterizzazione di geni di resistenza; tipizzazione e identificazione di stafilococchi coagulasi negativi; procedure di sorveglianza e controllo delle infezioni da germi multiresistenti; sorveglianza e controllo delle infezioni correlate all'assistenza.

## CAPACITÀ E COMPETENZE

### TECNICHE

Con computer, attrezzature specifiche, macchinari, ecc.

Buone conoscenze e discreta esperienza pratica di apparecchiature biotecnologiche (termociclatori, apparecchiature per analisi molecolari di isolati batterici quali sequenziatori, PFGE, ribotipizzatore automatico, ecc). Ottime conoscenze informatiche sui principali pacchetti applicativi, in ambito di gestionali di laboratorio e di softwares per analisi e interpretazione dei dati di biologia molecolare.

[ Descrivere tali competenze e indicare dove sono state acquisite. ]

## CAPACITÀ E COMPETENZE

### ARTISTICHE

Musica, scrittura, disegno ecc.

## ALTRE CAPACITÀ E COMPETENZE

Competenze non precedentemente indicate.

- Dal 2003 è membro dell'APSI (Associazione per la Prevenzione e lo Studio delle Infezioni), di cui è stato Consigliere dal 2003 al 2008. Dal gennaio 2009 a tutt'oggi ricopre la carica di Segretario dell'Associazione. In tale ambito coordina l'attività dell'organizzazione, organizzando convegni e congressi.
- Dal 2007 è membro della SIMPIOS (Società Italiana Multidisciplinare per la Prevenzione delle Infezioni nelle

PATENTE O PATENTI

ULTERIORI INFORMAZIONI

ALLEGATI

Organizzazioni Sanitarie); di tale società è stato chiamato a far parte del comitato scientifico a partire dal 2010 al 2013. Dal giugno 2014 a maggio 2018 ha fatto parte del Consiglio Direttivo. Dal maggio 2016 a maggio 2018 è stato tesoriere dell'associazione.  
- Relatore a congressi nazionali e internazionali (oltre 50 relazioni negli ultimi 5 anni)

automobilistica

Autore di numerose pubblicazioni scientifiche in ambito clinico e microbiologico (più di 60 delle quali su riviste con IF) e di oltre dieci capitoli di libri. Reviewer di riviste scientifiche quali Journal of Clinical Microbiology, Clinical Microbiology and Infection, Research in Microbiology, European Journal of Clinical Microbiology and Infectious Diseases, Microbial Drug Resistance. Analisi della produttività scientifica al 01 gennaio 2020, valutata attraverso il software "Publish or Perish" (Harzing A.W. - Publish or Perish (2007, <https://harzing.com/resources/publish-or-perish>, versione 7.15.2643.7260):

1276 citazioni complessive per 94 pubblicazioni. Hirsch's index = 21; Egghe's index = 34; contemporary Hirsch's index = 18; individual Hirsch's index = 4,69; individual Hirsch's index normalizzato = 10; media normalizzata annuale aumento Hirsch's index = 0,36; age-weighted citation rate = 160,68; Zhang's index= 23,00.

L'analisi utilizzando Scopus (Author ID: 56063758900) documenta un Hirsch's index di 17, con 833 citazioni per 64 pubblicazioni.

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*Il sottoscritto è a conoscenza che, ai sensi dell'art. 26 della legge 15/68, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali ai sensi del Regolamento UE 2016/679 sul trattamento dei dati personali e del precedente D.Lgs. 196/03.*

Pavia, martedì 1 dicembre 2020

# CURRICULUM VITAE

**First Name:** Lorenzo  
**Last Name:** Drago  
**Date and Place of Birth:** 16/10/1962, Aidone (EN), Italia  
**Address:**  
**Language / Citizenship:** Italian and English / Italian

## Education

**Sept 1997:** Ph.D. in Clinical Microbiology at the University of Milan. Thesis: “Uropathogen *Escherichia coli*: adhesions and cellular receptors”.  
**Nov 1992:** Specialization degree in Clinical Microbiology and Virology at the University of Catane, 50/50 cum laude. Thesis: “Ecological impact of ceftibuten on intestinal microflora”.  
**July 1990:** Exam eligibility status for authorization to practice.  
**Nov 1988:** High degree in Biomedical Sciences at the University of Catane, 110/110. Thesis: “Incidence of *Actinomyces israeliti* on women with IUD”.  
**1982:** High School diploma.

## Positions

**November 2016 to now** Associate Professor of Clinical Microbiology at University of Milan -Faculty of Medicine and Surgery – Dept of Biomedical Sciences for Health – Milan. Working Area Microbiology and Clinical Microbiology (MED 07).  
**October 2008 to 2018:** Chief of the Clinical-Chemistry and Microbiological Lab, IRCCS Galeazzi Hospital, Milan.  
**Jan 2006 to 2008** Director of the “High Emergency Microrganisms” Lab (BSL4 Lab) at L.Sacco Teaching Hospital – University of Milan.  
**Apr 2005 to 2008:** Head of of the “High Emergency Microrganisms” Lab (BSL4 Lab) at L.Sacco Teaching Hospital – University of Milan.  
**Oct 2002:** Care functions at L.Sacco Teaching Hospital – Laboratory of Clinical Microbiology  
**Oct 2002 to 2016** Researcher and Adjunt Professor at the University of Milan – Faculty of Medicine and Surgery – Dept of Preclinical Science DISP LITA – Milan. Working Area Microbiology and Clinical Microbiology (MED 07).  
**1996-2002:** Leading position of 1<sup>st</sup> level in the Microbiology Lab at L.Sacco Teaching Hospital – Milan

## Teaching

- 1992-1996:** Tutor for the course of *Microbiology and Clinical Microbiology*- Laboratory Technician – University of Milan.
- 1992-2001:** Tutor at the Department of *General Microbiology and Clinical Microbiology* – Faculty of Medicine and Surgery – University Campus LITA (Sacco Hospital), University of Milan.
- 1996-2001:** Tutor for postgraduates students of Specialization School in Microbiology and Virology – University of Milan.
- 2001-2002:** No charge-contract as teacher for *Clinical Microbiology Course* in Integrated course of General Diagnostic line A – Faculty of Medicine and Surgery, University of Milan.
- 2002-2004:** Professor of *Microbiology and Clinical Microbiology* – CDL Degree in Medicine and Surgery – University of Milan (Niguarda Hospital, Legnano Hospital, San Carlo Hospital).
- 2003-2005:** Professor of *Clinical Diagnostics* – CDL Nursing, Faculty of Medicine and Surgery – University of Milan (Niguarda Hospital, Sacco Hospital, San Carlo Hospital).
- 2004-2005:** Professor of *Diagnostics of infectious diseases, Bacteriological and mycological techniques, Medical bacteriology* – School of Specialization in Tropical Medicine, Faculty of Medicine and Surgery, University of Milan.
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- 2011-2012:** Professor of *Clinical diagnostics* – CDL Podiatry, Faculty of Medicine and Surgery, University of Milan (Galeazzi Hospital).
- 2011-2012:** Professor of *Clinical Microbiology diagnostics Lab* – CDL Lab Biomedical Technicians, Faculty of Medicine and Surgery, University of Milan..
- 2012-2013:** Professor of *Clinical Diagnostics* – CDL Nursing, Faculty of Medicine and Surgery – University of Milan (Sacco Hospital,).
- 2012-2013:** Professor of *Clinical diagnostics* – CDL Podiatry, Faculty of Medicine and Surgery, University of Milan (Galeazzi Hospital).
- 2012-2013:** Professor of *Research and development of new diagnostic and therapeutic methodologies* – CDL Medical Biotechnology and Molecular Medicine, Faculty of Medicine and Surgery, University of Milan..
- 2013-2014:** Professor of *Clinical diagnostics* – CDL Podiatry, Faculty of Medicine and Surgery, University of Milan (Galeazzi Hospital).
- 2013-2014:** Professor of *Clinical Microbiology diagnostics Lab* – CDL Lab Biomedical Technicians, Faculty of Medicine and Surgery, University of Milan..
- 2013-2014:** Professor of *Research and development of new diagnostic and therapeutic methodologies* – CDL Medical Biotechnology and Molecular Medicine, Faculty of Medicine and Surgery, University of Milan..
- 2014-2015:** Professor of *Clinical diagnostics* – CDL Podiatry, Faculty of Medicine and Surgery, University of Milan (Galeazzi Hospital).
- 2014-2015:** Professor of *Clinical Microbiology diagnostics Lab* – CDL Lab Biomedical Technicians, Faculty of Medicine and Surgery, University of Milan..
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- 2017-2018:** Professor of *Research and development of new diagnostic and therapeutic methodologies* – CDL Medical Biotechnology and Molecular Medicine, Faculty of Medicine and Surgery, University of Milan..
- 2017-2018:** Professor of *Clinical diagnostics* – CDL Podiatry, Faculty of Medicine and Surgery, University of Milan (Galeazzi Hospital).
- 2017-2018:** Professor of *Clinical Microbiology diagnostics Lab* – CDL Lab Biomedical Technicians, Faculty of Medicine and Surgery, University of Milan..
- 2017-2018:** Professor of *Research and development of new diagnostic and therapeutic methodologies* – CDL Medical Biotechnology and Molecular Medicine, Faculty of Medicine and Surgery, University of Milan..

## **Scientific society member**

Active member of National (SIM, AMCLI, GISTIO) and International Scientific Societies (ESCMID, ASM, ESIDOG, BEG group, EJIBS).

Member of Scientific Board of GISTIO (Gruppo di Studio delle Infekzioni Osteoarticolari).

Member of CoSias group (AMCLI) for bone, joint and prosthetic infections.

Country Delegate for the European of Bone and Joints Infections Society (EBJIS).

Past Board Member of European of Bone and Joints Infections Society (EBJIS)

Directive Council Member of AMCLI and Responsible GLAM Microbiota group of AMCLI

Past President of the International Society of Microbiota – Pasteur Institute - Paris

Coordinator of WAIOT Scientific Committee

## **Activities as relator, referee and participation to Editorial Board**

- Relator in numerous national and international courses and congresses.
- Referee in Farmaci e Terapia, Journal of Chemotherapy, Journal of Antimicrobial Agents, Medical Science Monitor, BMC Microbiology, Antimicrobial Agents and Chemotherapy, Plos one, Clinical Microbiology and Infections, BMC Infect Diseases.
- Member of Editorial Board (International Journal of Probiotics and Prebiotics).
- Member of Scientific Board and co-creator of the following site: [www.ecosistemavaginale.it](http://www.ecosistemavaginale.it)
- Member of Psoriasis Scientific Board.

## **Scientific projects funded**

- FIRST (ex 60%) 2003
- FIRST (ex 60%) 2004
- FIRST (ex 60%) 2005
- FIRST (ex 60%) 2006
- PUR 2007
- PUR 2008
- PUR 2009
- Bando Metadistretti Regione Lombardia 2009: ATP 2009 “ID 13587782 AMICROTEX – *Effect of novel antimicrobial textiles for hospital setting*”
- FP7 - VII° EU Program – I.D.A.C. IDAC - *Implant Disposable Antibacterial Coating: a Novel Approach to Implant-Related Infections in Orthopaedics and Trauma Surgery*.
- Italian Ministry of University -PRIN 2010 - entitled “New insights into the mechanisms of inflammatory bowel disease and identification of new therapeutic targets.”
- Cariplo Foundation 2012: *Development of an innovative user-friendly colorimetric biosensor based on aptamer functionalized nanomaterials for the detection of Staphylococcus aureus from different biological sources*.

## Publications with Impact Factor

1. M.R. Gismondo, **Drago L.**, C. Fassina, M.L. Garlaschi, M. Rosina, A. Lombardi: *Escherichia coli*: effect of Fosfomycin Trometamol on some urovirulence factors. *J Chemother*, Vol. 6 (167-172), 1994. **Impact Factor: 1.33**
2. Gismondo M.R., **Drago L.**, Lombardi A., Fassina C.: Impact of Cefetamet-pivoxil on intestinal microflora: *in vivo* study. *J Chemother*, Vol. 6 (246-250), 1994. **Impact Factor: 1.33**
3. Gismondo M.R., Drago L., Lombardi A., Fassina C.: An experimental model to reproduce some bacterial intestinal cocultures in germ-free mice. *Drugs Expt. Clin. Res.*, Vol XX(4), 1994. **Impact factor: 1.030**
4. Gismondo M.R., Drago L., Lombardi A., Fassina C.: Impact of Ceftibuten on intestinal microflora: *in vitro* and *in vivo* studies. *Drugs Expt. Clin. Res.*, Vol XX(2), 1994. **Impact factor: 1.030**
5. Gismondo M.R., **Drago L.**, Lombardi A., Fassina C., Cesana M.: Impact of Rufloxacin and Ciprofloxacin on the intestinal microflora in a germ-free mice model. *Cancer Chemotherapy*, Vol. 41 (281-288), 1995. **Impact Factor: 0.992**
6. Gismondo MR, **Drago L.**, Lombardi A, Fassina MC, Mombelli B: Efficacia antimicrobica e sporicida di varie soluzioni disinfettanti. *Minerva Med*, Vol. 86 (21-32), 1995. **Impact factor: 1.236**
7. Calvani F., Macchia M., Rossello A., M.R. Gismondo, **Drago L.**, Fassina M.C., Cisternino M., Domiano P.: Synthesis and antiviral activity of dihydroxycyclohexyl Pyrimidine and Purine carbocyclic nucleosides. *Bioorganic & Medicinal Chemistry Letters*, Vol. 5, N. 21, 1995. **Impact Factor: 2.486**
8. **Drago L.**, Gismondo M.R., Lombardi A., De Haen C., Gozzini L.: Inhibition of *in vitro* growth of enteropathogens by new lactobacillus strains of human intestinal origin. *FEMS Microbiol Lett*, 153:455-463, 1997. **Impact Factor: 1, 858**
9. Atzori C., Agostoni F., Angeli E., Cargnel A., **Drago L.**, Gismondo M.R.: Algorithmic analysis of *in vitro* chemotherapy against *Pneumocystis carinii*. *J Eukaryot Microbiol*, 44(6):30S, 1997. **Impact Factor: 2.738**
10. Gismondo M.R., **Drago L.**, Lombardi A., Fassina M.C., Mombelli B.: Interference on *Helicobacter pylori* growth and adhesion by omeprazole and other drugs. *J Chemother*. 10 (3): 225-230, 1998. **Impact Factor: 1.33**
11. Gismondo M.R., **Drago L.**, Fassina M.C., Abbiati R., Grossi E.: Immunostimulating effect of oral glutamine. *Dig Dis Sci*. 43 (8): 1752-1754, 1998. **Impact Factor: 2.516**
12. Nardi G., **Drago L.**, De Vecchi E., Rosina M., Gismondo M.R.: Gastrointestinal and respiratory *Mycobacterium avium* colonisation and development of disseminated infection in HIV-positive patients. *Clin Microbiol Inf*, 5:176-177, 1999. **Impact Factor: 4.575**
13. **Drago L.**, Mombelli B., Ciardo G., De Vecchi E., Gismondo M.R.: Effects of three different fish oil formulations on *Helicobacter pylori* growth and viability: *In vitro* study. *J Chemother*, 11(3):179-182, 1999. **Impact Factor: 1.33**
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**Lorenzo Drago**