

CURRICULUM VITAE

1. Name

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| First name: ROSELLA | Last name: SPADI |
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2. Present Position with Work Address

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| Position: Oncologist | Street address or postal address: Corso Bramante 88 |
| Name of Institution or organization: A.O.U. Città della Salute e della Scienza di Torino | City & postal /zip code: Torino / 10126 |
| Start date (at last year): 2011 to present | Country: Italy |
| Department: S.C. Oncologia Medica 1 | Phone No: +390116334250 |
| Email: rspadi@cittadellasalute.to.it | Fax No: +390116334382 |

3. Main University Degree(s)

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| Name of university/institute: Università degli Studi di Torino | Degree awarded: Medicine and Surgery |
| City & Country: Torino - Italy | Year of graduation: 2006 |

4. Professional Training

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| Name of university/institute: Università degli Studi di Torino | City & Country: Torino - Italy |
| Qualification: Specialization in Medical Oncology | Dates of attendance: 2011 |

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| Name of university/institute: Università degli Studi di Torino | City & Country: Torino - Italy |
| Qualification: Master in Psycho-Oncology | Dates of attendance: 2016 |

5. Registration/Medical License number

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| Number: 20850 |
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CURRICULUM VITAE

6. Previous Appointments

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| Position: Trainee /Physician, S.C. Oncologia Medica 1, Day Hospital COES | Dates: from 2004 to 2007 |
| Institution/organization: San Giovanni Battista di Torino Hospital | City & Country: Torino - Italy |
| Position: Physician at Day Hospital Colon Rectal Cancer Unit | Dates: from 2007 to 2012 |
| Institution/organization: San Giovanni Battista di Torino Hospital | City & Country: Torino - Italy |
| Position: Doctor of Medicine (M.D.), S.C. Oncologia Medica 1, Day Hospital COES | Dates: from 2012 |
| Institution/organization: A.O. Città della Salute e della Scienza di Torino – presidio Molinette | City & Country: Torino - Italy |

7. Clinical Research Experience

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| Co-Investigator in several Clinical Trials performed according to ICH-GCP guidelines: phase II and III in adjuvant and metastatic therapy for colorectal cancer, breast cancer, upper gastrointestinal tract, observational studies. |
| <u>Author and Co-author of papers on national and international journals</u> 1) Michela Donadio, Maria Antonia Polimeni, Alessandra Beano, Rosella Spadi, Libero Ciuffreda. Trattamento con Trastuzumab e metastasi cerebrali da carcinoma mammario: un caso clinico. I Quaderni di oncologia; Trastuzumab: Caso clinico n°3. Elsevier. Gennaio 2007 Vol 5;12-16- 2) Rosella Spadi, Lucio Buffoni, Silvana Storto, Michela Donadio e Libero Ciuffreda. MCC, MEDICAL CARE CONTINUITY Per un'interazione costante con i pazienti oncologici. Torino Medica Giugno 2007 3) Patrizia Racca, Laura Fanchini, Rosella Spadi, Ivan Facilissimo, Angelica Ciorba, Libero Ciuffreda. Utilizzo di Pegfilgrastim in pazienti in corso di chemioterapia per carcinoma del colonretto metastatico Continuing Education in Oncologia. Vol IV numero 3 Dicembre 2007. Il pensiero Scientifico Editore. 4) Alessandra Beano, Elena Signorino, Andrea Evangelista, Davide Brusa, Marinella Mistrangelo, Maria Antonia Polimeni, Rosella Spadi , Michela Donadio, Libero Ciuffreda, and Lina Matera. Correlation between NK function and response to trastuzumab in metastatic breast cancer patients. Journal of Translational Medicine (J Transl Med) Vol. 6 Pg. 25 (2008) ISSN: 1479-5876 5) P. Racca, G. Ritorto, R. Spadi, L. Ciuffreda "Chemioterapia adiuvante post-metastasectomia polmonare" On Medicine, Anno III – N°. 5 Marzo 2009 6) P. Racca, B. Mussa, R.Ferracini, D.Righi, L. Repetto, R.Spadi "Palliative techniques and supportive procedures in surgical oncology" Chap. 13 in Antonio Mussa "New technologies in surgical oncology" Springer-Verlag Italia 2009 7) P. Racca, R. Spadi, I. Facilissimo, V. Caliendo "Eruzioni forse benefiche" Editoriale per Oncologia in Rete n 12 Marzo 2010 8) Michela Donadio, Anna Maria Vandone, Matteo Scoletta, Mara Ardine, Rosella Spadi, Libero |

Ciuffreda, Marco Mozzati. "Osteonecrosi associata al trattamento con i Bifosfonati" pubblicato on line su www.oralmax.it

9) Racca P, Spadi R, Fora G, Fanchini L, Ritorto G, Ferrari L, Pinta F, Lista P, Ciuffreda L. "Hemolytic uremic syndrome induced by infusion of oxaliplatin: a case report" *Tumori*. 2011 Sep-Oct;97(5):31e-3e

10) Brusa D, Simone M, Gontero P, Spadi R, Racca P, Micari J, Degiuli M, Carletto S, Tizzani A, Matera L. "Circulating immunosuppressive cells of prostate cancer patients before and after radical prostatectomy: profile comparison. *Int J Urol* 2013

11) Patrizia Racca, Massimiliano Mistrangelo, Rosella Spadi, Cristina Sonetto, Gianluca Fora, Luisa Delsedime, Laura Fanchini, Francesco Pinta, Libero Ciuffreda "Double metachronous cutaneous metastases from recurrent hepatocellular carcinoma: a case report". *Eur. J. Oncol*, vol 18, n 2, pp93-98, 2013

12) Patrizia Racca, Rosella Spadi, Laura Fanchini "Interventi su misura" Editoriale per Oncologia in Rete n 22 Ottobre 2013

13) Francesco Pinta, Agostino Ponzetti, Rosella Spadi, Laura Fanchini, Marcello Zanini, Caterina Mecca, Cristina Sonetto, Libero Ciuffreda, Patrizia Racca "Pilot Clinical Trial on the Efficacy of Prophylactic Use of Vitamin K1eBased Cream (Vigorskin) to Prevent Cetuximab-Induced Skin Rash in Patients With Metastatic Colorectal Cancer" *Clin Colorectal Cancer*.2014 Mar;13(1):62-7

14) Fotios Loupakis, Chiara Cremolini, Gianluca Masi, Sara Lonardi, Vittorina Zagonel, Lisa Salvatore, Enrico Cortesi, Gianluca Tomasello, Monica Ronzoni, Rosella Spadi, Alberto Zaniboni, Giuseppe Tonini, Angela Buonadonna, Domenico Amoroso, Silvana Chiara, Chiara Carlomagno, Corrado Boni, Giacomo Allegrini, Luca Boni, Alfredo Fancone. "Initial Therapy with FOLFOXIRI and Bevacizumab for Metastatic Colorectal cancer" *N England J Med* 2014; 371:1609-1618

15) Filippi AR, Badellino S, Ceccarelli M, Guarneri A, Franco P, Monagheddu C, Spadi R, Ragona R, Racca P, Ricardi U. "Stereotactic ablative radiation therapy as first local therapy for lung oligometastases from colorectal cancer: a single-institution cohort study". *Int J Radiat Oncol Biol Phys*. 2015 Mar1;91(3):524-9.

16) Cremolini C, Loupakis F, Antoniotti C, Lonardi S, Masi G, Salvatore L, Cortesi E, Tomasello G, Spadi R, Zaniboni A, Tonini G, Barone C, Vitello S, Longarini R, Bonetti A, D'Amico M, Di Donato S, Granetto C, Boni L, Falcone A. "Early tumor shrinkage and depth of response predict long-term outcome in metastatic colorectal cancer patients treated with first-line chemotherapy plus bevacizumab: results from phase III TRIBE trial by the Gruppo Oncologico del Nord Ovest." *Ann Oncol*. 2015 Jun;26(6):1188-94.

17) Senetta R, Duregon E, Sonetto C, Spadi R, Mistrangelo M, Racca P, Chiusa L, Munoz FH, Ricardi U, Arezzo A, Cassenti A, Castellano I, Papotti M, Morino M, Risio M, Cassoni P "YKL-40/c-Met expression in rectal cancer biopsies predicts tumor regression following neoadjuvant chemoradiotherapy: a multi-institutional study." *PLoS One*. 2015 Apr 15;10(4):e0123759.doi: 10.1371/journal.pone.0123759. eCollection 2015

18) Franco P, Mistrangelo M, Arcadipane F, Munoz F, Sciacero P, Spadi R, Migliaccio F, Angelini V, Bombaci S, Rondi N, Numico G, Ragona R, Cassoni P, Morino M, Racca P, Ricardi U.

"Intensity-Modulated Radiation Therapy with Simultaneous Integrated Boost Combined with Concurrent Chemotherapy for the Treatment of Anal Cancer Patients: 4-Year Results of a Consecutive Case Series." *Cancer Invest*. 2015 Jul;33(6):259-66

19) Leone F, Marino D, Cereda S, Filippi R, Belli C, Spadi R, Nasti G, Montano M, Amatu A, Aprile G, Cagnazzo C, Fasola G, Siena S, Ciuffreda L, Reni M, Aglietta M. Panitumumab in combination with gemcitabine and oxaliplatin does not prolong survival in wild-type KRAS advanced biliary tract cancer: A randomized phase 2 trial (Vecti-BIL study). *Cancer*. 2016 Feb 15;122(4):574-81

20) Satolli MA, Buffoni L, Spadi R, Roato I. "Gastric cancer: The times they are a-changin'". *World J Gastrointest Oncol*. 2015 Nov 15;7(11):303-16

21) Spadi R, Brusa F, Ponzetti A, Chiappino I, Birocco N, Ciuffreda L, Satolli MA "Current therapeutic

strategies for advanced pancreatic cancer: A review for clinicians". World J Clin Oncol. 2016 Feb 10;7(1):27-43

22) Filippi AR, Guerrera F, Badellino S, Ceccarelli M, Castiglione A, Guarneri A, Spadi R, Racca P, Ciccone G, Ricardi U, Ruffini E. "Exploratory Analysis on Overall Survival after Either Surgery or Stereotactic Radiotherapy for Lung Oligometastases from Colorectal Cancer". Clin Oncol (R Coll Radiol). 2016 Aug;28(8):505-12.

23) Ponzetti A, Pinta F, Spadi R, Mecca C, Fanchini L, Zanini M, Ciuffreda L, Racca P Jaw osteonecrosis associated with aflibercept, irinotecan and fluorouracil: attention to oral district. Tumori. 2016 Nov 11;102(Suppl. 2). doi: 10.5301/tj.5000405. Review.

24) Franco P, Arcadipane F, Strignano P, Spadi R, Trino E, Martini S, Iorio GC, Satolli MA, Airoidi M, Romagnoli R, Camandona M, Ricardi U. Pre-operative treatments for adenocarcinoma of the lower oesophagus and gastro-oesophageal junction: a review of the current evidence from randomized trials. Med Oncol. 2017 Mar;34(3):40. doi: 10.1007/s12032-017-0898-1. Epub 2017 Feb 7. Review.

Author and Co-author of posters/abstracts/oral communications:

I. A.Beano, E. Signorino, MA Polimeni, M. Mistrangelo, R.Spadi , AM Vandone, M. Donadio, M. Matera, P. Lista, I.Facilissimo, R. Napoletano, L. Ciuffreda: "NK function an clinical trastuzumab activity in metastatic breast cancer patients". Annals of Oncology, Vol 18, Suppl 11, October 2007 (C6).

II. MA Polimeni, A. Beano, M. Mistrangelo, R. Spadi, M.Ardine, M. Donadio, I. Chiappino, N. Birocco, R. Volpato, V. Contu, L. Ciuffreda: "Chromogranin a as prognostic tool in metasttic breast cancer". Annals of Oncology, Vol. 18, Suppl 11, October 2007 (C19).

III. Palumbo, G. Paschechera, G. Passerella, MA. Aloï, M.Mistrangelo, R. Spadi , M. Donadio, MA Satolli, G. Tealdi, MT Arnaud, L. Balestra, L. Ciuffreda: "Side effects on gonadal functioning of endocrine therapy for early stage breast cancer: what the nursing role?". Annals of Oncology, Vol. 18, Suppl 11, October 2007 (E12)

IV. A.M. Vandone, M. Scoletta, M. Ardine, M. Donadio, A. Beano, A. Polimeni, R. Spadi, L. Ciuffreda "Treatment with bisphosphonates: prevention of osteonecrosis of jaw in patients with bone metastases from solid tumors". Annals of Oncology, Vol. 18, Suppl 11, October 2007(D61)

V. Lucio Buffoni, Rosella Spadi, Michela Donadio, Elena Lorenzi, Silvana Storto e Libero Ciuffreda. Medical care continuity (MCC): uno studio all'ospedalizzazione a domicilio , ovvero un approccio per una integrazione coi pazienti Abstract XIII congresso AIOM Piemonte 2007

VI. M.A. Polimeri, A. Beano, M.Mistrangelo, R.Spadi, M.Ardine, M.Donadio, L.Ciuffreda Cromogranina A come fattore prognostico nel carcinoma mammario metastatico. Abstract XIII congresso AIOM Piemonte 2007

VII. V. Caliendo, V. Contu, I. Facilissimo, R. Spadi , A. Ciorba, L. Fanchini, E. Milanese, P.Racca, G. Macripò. L'importanza della collaborazione Dermatologo-Oncologo nel trattamento della tossicità da Cetuximab: la nostra esperienza nel carcinoma del colon retto. XIII Riunione (1983-2008) Giornate di terapia in dermovenereologia . Catania 19-20 Gennaio 2008

VIII. Beano A, Donadio M, Fava A, Giorgi M, Polimeni MA, Mistrangelo M, Vandone AM, Levis M, Casolari D, Spadi R , Marra S, Ciuffreda L "Trastuzumab cardiotoxicity in advanced breast cancer patients: a single institution experience" Ann. of Oncol. Supplement 9 to vol. 19,2008

IX. Laura Fanchini, Patrizia Racca, Giuliana Ritorto, Rosella Spadi , Enrica Milanese, Francesco Pinta, Walter Evangelista , Libero Ciuffreda "A case report: very late recurrence of rib metastases of hepatocellular carcinoma (HCC) after liver transplantation". Ann. of Oncol. Supplement 8 to vol. 20,2009;

X. Rosella Spadi , Patrizia Racca, Laura Fanchini, Nadia Birocco, Ivan Facilissimo, Enrica Milanese, Giuliana Ritorto, Marcello Zanini, Libero Ciuffreda "Association between urologic and colorectal

cancers (CRC): preliminary results” Ann. of Oncol. Supplement 8 to vol. 20,2009;

XI. Patrizia Racca, Giuliana Ritorto, Rosella Spadi, Ivan Facilissimo, Laura Fanchini, Gabriella Monasterolo, Patrizia Lista, Libero Ciuffreda “Haemolytic uremic syndrome induced +by infusion of oxaliplatin: two cases reports” Ann. of Oncol. Supplement 8 to vol. 20,2009;

XII. Giuliana Ritorto, Laura Fanchini, Rosella Spadi, Patrizia Racca, Ivan Facilissimo, Nadia Birocco, Raffaella Napoletano, Libero Ciuffreda “Case report:liver metastasis from donor’s cell in a transplant recipient” Ann. of Oncol. Supplement 8 to vol. 20,2009;

XIII. Rosella Spadi, Laura Fanchini, Enrica Milanese, Patrizia Lista, Giuliana Ritorto, Francesco Pinta, Ivan Facilissimo, Libero Ciuffreda, Patrizia Racca “TIA recidivanti da embolia paradossa secondaria ad infusione di chemioterapico in paziente con cardiopatia congenita misconosciuta”. Volume abstract Convegno AIOM Regionale Piemonte e Valle d’Aosta 2009

XIV. Ivan Facilissimo, Rosella Spadi, Laura Fanchini, Giuliana Ritorto, Marcello Zanini, Laura Ferrari, Francesco Pinta, Libero Ciuffreda, Patrizia Racca “Trombosi venosa profonda in corso di terapia con bevacizumab” Volume abstract Convegno AIOM Regionale Piemonte e Valle d’Aosta 2009

XV. Facilissimo I., Racca P, Fanchini L., Spadi R. ,Ferrari L, Fora G, Pinta F. Zanini M. Ciuffreda L. “Nasal septum perforation in a bevacizumab-treated patient with metastatic colon cancer” (AIOM XII Congresso Nazionale di Oncologia Medica. Roma 6-8 Novembre 2010) Tumori volume 10 n 1, Ottobre 2010 S24-S25

XVI. Spadi R.,Ferrari L, Pinta F., Fanchini L, Facilissimo I., Fora G, Zanini M. Ciuffreda, Racca P. “Our experience in HCC: a large series from a single institution.” (AIOM XII Congresso Nazionale di Oncologia Medica Roma 6-8 Novembre 2010) Tumori Volume 10 n 1. Ottobre 2010 S157

XVII. R.Senetta, M.Mistrangelo, P.Racca, R.Spadi , L.Chiusa, M.Morino, F.H.Munoz, U.Ricardi, M.E.Allaix, S.Sandrucci, P.Cassoni “Presence of apoptosis in diagnostic biopsies predicts complete regression (Tumor Regression Grade 1) following preoperative chemo-radiotherapy in rectal carcinomas. Colorectal Cancer Disease Vol 13 Supplement 6, 16-27. September 2011

XVIII. R.Senetta, M.Mistrangelo, P.Racca, R.Spadi , L Chiusa, M.Morino, F.H.Munoz, U.Ricardi, M.E.Allaix, S.Sandrucci, P.Cassoni “ Presence of apoptosis in diagnostic biopsies predicts complete regression (Tumor Regression Grade 1) following preoperative chemo-radiotherapy in patients with rectal carcinoma” Podium presentations 4th National Congress of the Italian Society of Colorectal Surgery. Genova 24-26 Ottobre 2011 Tech. Coloproctol (2012) 16: 77-110

XIX. R.Senetta, M.Mistrangelo, P.Racca, R.Spadi, L Chiusa, M.Morino, F.H.Munoz, U.Ricardi, M.E.Allaix, S.Sandrucci,P.Cassoni “Presence of apoptosis in diagnostic biopsies predicts complete regression (Tumor Regression Grade 1) following preoperative chemo-radiotherapy in Rectal Cancer. (AIOM XIII Congresso Nazionale di Oncologia Medica. Bologna 5-7 Novembre 2011) I supplementi di TUMORI, a Journal of Experimental and Clinical Oncology. Volume 11, Number 2, October 2011 E24

XX. Pinta F, Ponzetti A, Spadi R , Fora G, Fanchini L, Zanini M, Ciuffreda L, Racca P “Patients’satisfaction about preventive and curative utilization of vitamin K1 based cream in skin toxicity from Cetuximab for metastatic colorectal cancer”(AIOM XIII Congresso Nazionale di Oncologia Medica. Bologna 5-7 Novembre 2011) I supplementi di TUMORI, a Journal of Experimental and Clinical Oncology. Volume 11, Number 2, October 2011 F38

XXI. Crocetti C, Scarlata D, Lucerna G, Petruzzella N, Putino A.M., Arnaud M.T., Garbiglia P, Nante M, Demichelis M.M, Fora G, Spadi R , Ciuffreda L, Racca P. “Nursing in early detection of adverse events from maintenance bevacizumab in metastatic colorectal cancer” (AIOM XIII Congresso Nazionale di Oncologia Medica. Bologna 5-7 Novembre 2011) I supplementi di TUMORI, a Journal of Experimental and Clinical Oncology. Volume 11, Number 2, October 2011 N4

XXII. Demichelis MM, Crocetti C, Lombardi P, Tropeano M, Ponzetti A, Spadi R , Fora G, Pinta F, Fanchini L, Ciuffreda L, Racca P. “ Nurse driven training of outpatients receiving capecitabine for colorectal cancer: preliminary results from a single institution experience”(AIOM XIII Congresso

Nazionale di Oncologia Medica. Bologna 5-7 Novembre 2011) I supplementi di TUMORI, a Journal of Experimental and Clinical Oncology. Volume 11, Number 2, October 2011 N26

XXIII. Spadi R., Pinta F., Fanchini L., Zanini M., Ponzetti A., Mecca C., Fiore J., Napoletano R., Ciuffreda L., Racca P. "Submandibular Salivary Gland Metastases From Hepatocellular Carcinoma(Hcc): A Case Report"(AIOM XIV Congresso Nazionale di Oncologia Medica. Roma 27-29 Ottobre 2012) i supplementi di TUMORI, a Journal of Experimental and Clinical Oncology Volume 13, Number 3, October 2012 A41

XXIV. Fanchini L., Spadi R., Pinta F., Zanini M., Ponzetti A., Mecca C., Fiore J., Napoletano R., Ciuffreda L., Racca P. "Rapid-Onset Severe Oral Mucositis Induced By Sorafenib. A Case Report" (AIOM XIV Congresso Nazionale di Oncologia Medica. Roma 27-29 Ottobre 2012) i supplementi di TUMORI, a Journal of Experimental and Clinical Oncology Volume 13, Number 3, October 2012 A44

XXV. Pinta F., Spadi R., Fanchini L., Zanini M., Ponzetti A., Mecca C., Fiore J., Napoletano R., Ciuffreda L., Racca P. Pattern Of Adverse Histopathological Features And Relation With Tumour Budding In Stage II Colorectal Cancer: A Monoinstitutional Review". (AIOM XIV Congresso Nazionale di Oncologia Medica. Roma 27-29 Ottobre 2012) I supplementi di TUMORI, a Journal of Experimental and Clinical Oncology Volume 13, Number 3, October 2012 B51

XXVI. Ponzetti A., Pinta F., Spadi R., Sonetto C., Fanchini L., Zanini M., Racca P. " Sorafenib-Induced Nephrotic Syndrome In Advanced Hepatocellular Carcinoma And Other Risk Factors". (AIOM XV Congresso Nazionale di Oncologia Medica Milano 11-13 Ottobre 2013) i supplementi di TUMORI, a Journal of Experimental and Clinical Oncology Volume 14, Number 1, October 2013 E38

XXVII. M. Mistrangelo, S. Arolfo, I. DalConte, P. Cassoni, R. Senetta, F. Munoz, R. Spadi, P. Racca, D. Visconti, F. Cravero, C. America, S. Volpato, M. Morino "Anal cancer: differences between HIV+ and HIV- patients. The new microbiology; Official Journal of the Italian Society for Medical Virology 36 (suppl 1) 1-204 2013 P116

XXVIII. Ponzetti A., Pinta F., Mecca C., Spadi R., Fanchini L., Zanini M., Ciuffreda L., Racca P. Combining the use of bevacizumab to khorana and protect score in metastatic colorectal cancer for the prevention of venous thromboembolism (vte): an exploratory single-center experience. (AIOM XVI Congresso Nazionale di Oncologia Medica Roma 24-26 Ottobre 2014) I supplementi di TUMORI, a Journal of Experimental and Clinical Oncology Volume 15, Number 1, October 2014 G33

Participation to 115 conferences / congresses / training events, national or internationals, either as Auditor or as Relator / Teacher or Scientific Secretariat

8. Additional information

From 2013 member of Oncological Piedmont and Valle d'Aosta network working group for pancreatic and biliary tract cancer

From 2012 to 2013 member of Oncological Piedmont and Valle d'Aosta network working group for colorectal cancer

From 2013 to 2015 Council Member of AIOM (Associazione Italiana Oncologia Medica) – section Piedmont and Valle d'Aosta

From 2015 Secretary of AIOM (Associazione Italiana Oncologia Medica) – section Piedmont and Valle

d'Aosta

Language skills:

- Italian: native language
- English: independent user (B1) in spoken and written English
- French: independent user (B1) in spoken and written French

I, the undersigned, Rosella Spadi, born in Finale Ligure (SV) – Italy November 19th, 1980 certify that the information contained in this document is correct (art.2 e 3 del D.P.R. 403/1998). In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.