

Raja CHINNAPPAN Ph. D

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Education

Ph. D. Chemistry, University of Madras, India	2004
M. Sc. Chemistry, University of Madras, India	1997
B. Sc. Chemistry University of Madras, India	1995

Professional Experience

Research and Development Chemist, Carmel Industries, Montreal, Canada	2012-2014
Research Scientist GDG Environment, Montreal, Canada	2010-2012
Research Associate Sherbrooke University, Sherbrooke, Canada	2007-2010
Postdoctoral Research Associate, Kansas State University, USA	2006-2007
Postdoctoral Research Fellow, Technical University of Chemnitz, Germany	2004-2005
Sidaction Research Fellow, Louis-Pasteur University, Strasbourg, France	2003-2004

Awards and Merits

Research Fellowship Awards Dept. of Sci. & Tech Govt. of India	1998
SIDACTION Postdoctoral Research Fellow, France	2004
Associate member, American Association for Cancer Research (AACR)	since 2006

Research Interest

Aptamer screening for pathogenic and environmental toxins
Biomarker diagnosis for human diseases
Enzymatic biosensor for pathogen detection

Selected Publications

1. S. Alamer, **R.Chinnappan**, M. Anal.Chem (under review).
2. **R.Chinnappan**, A.Dubé, J-F.Lemay, D.Lafontaine. *Nucl. Acid. Res.* 2013, 41, e106.
3. A, Ng, **R. Chinnappan**, S.Eissa, H.Liu, C. Tlili, M. Zourob, *Envi. Sci. Tech.* 2012, 46, 10697
4. A. Mazhorova, A. Markov, A. Ng, **R. Chinnappan**, M. Zourob, M. Skorobogatiy, *Opt. Exp.* 2012, 20, 5344.
5. W.J.Bock, P. Mikulic, **R.Chinnappan**, A. Ng, M.Tolba, M.Zourob, S. M.Tripathi, *Biosen. Bioele.* 2012, 35, 308.
6. S. Mateusz, W.J.Bock, P. Mikulic, **R. Chinnappan**, A. Ng, M. Tolba, M. Zourob, *Opt. Exp.* 2011, 19, 7971.
7. S .Blouin, **R. Chinnappan**, D. A. Lafontaine. *Nucl. Acid. Res.* 2011, 39, 3373.
8. C.Lin, **R. Chinnappan**, K. Acharya, J.L. Pellequer, R. Jankowiak. *Biophys. Chem.* 2011, 154, 35.
9. B. Ilien, N. Glasser, J.P.Clamme, P. Didier, E. Piemont, **R. Chinnappan**, S.B Daval, J.L Galzi, Y. Mely. *J. Biol Chem.* 2009, 284, 19533.
10. J. Dietz, J. Koch, A. Kaur, **C. Raja**, S. Stein, M.I Grez, A. Pustowka, S. Mensch, J. Ferner, R. Tampé, G. Divita, Y. Mély, H. Schwalbe & U. Dietrich. *ChemMedChem.* 2008, 3,749.
11. B. Miksa, **R. Chinnapan**, N. Dang, M. Reppert, N. Tretyakova, N. M.Grubor and R Jankowiak. *Chem. Res. Toxicol.* 2007, 20, 1192.
12. **R. Chinnappan**, J Ferner, U. Dietrich, S. Avilov,D. Ficheux, J.L Darlix, H. de Rocquigny, H. Schwalbe, and Y. Me'ly, *Biochemistry.* 2006, 45, 9254.

13. G.Julien, De R. Hugues, **R. Chinnappan**. G. Nicole, F. Damien, D.Jean-Luc, Y. Mely. *J. Mol. Biol.* 2006, 356, 1180.
14. **R. Chinnappan**, K. Ananthanarayanan, P. Natarajan. *Eur. Polym. J.* 2006, 42, 495.
15. P. Natarajan, **R. Chinnappan**. *Eur. Polym. J.* 2005, 41, 2496.
16. P. Natarajan, **R. Chinnappan**. *Eur. Polym. J.* 2004, 40, 2291.
17. P. Natarajan, **R. Chinnappan**. *Eur. Polym. J.* 2001, 37, 2207.