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251  


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LIST OF PUBLICATIONS

International Journals (Full papers)

[1] Development of an electrochemical $^{90}$Sr-$^{90}$Y generator for the separation of $^{90}$Y suitable for targeted therapy

**Rubel Chakravarty**, Usha Pandey, Remani B. Manolkar, Ashutosh Dash, Meera Venkatesh and M.R. Ambikalmajan Pillai


[2] Polymer embedded nanocrystalline titania sorbent for $^{99m}$Mo-$^{99m}$Tc generator

**Rubel Chakravarty**, Rakesh Shukla, Shyamla Gandhi, Ramu Ram, Ashutosh Dash, Meera Venkatesh and A.K. Tyagi


[3] A novel $^{188}$W/$^{188}$Re electrochemical generator with potential for medical applications

**Rubel Chakravarty**, Ashutosh Dash, Kanchan Kothari, M.R. Ambikalmajan Pillai and Meera Venkatesh


[4] Separation of clinical grade $^{188}$Re from $^{188}$W using polymer embedded nanocrystalline titania (TiP)

**Rubel Chakravarty**, Ashutosh Dash and Meera Venkatesh


[5] A novel electrochemical technique for the production of clinical grade $^{99m}$Tc using (n, $\gamma$)$^{99}$Mo

**Rubel Chakravarty**, Ashutosh Dash and Meera Venkatesh


[6] Nanocrystalline zirconia: A novel sorbent for the preparation of $^{188}$W/$^{188}$Re generator
Rubel Chakravarty, Rakesh Shukla, A.K. Tyagi, Ashutosh Dash and Meera Venkatesh.


[7] Post-elution concentration of $^{188}$Re by an electrochemical method


[8] Practicality of tetragonal nano-zirconia as a prospective sorbent in the preparation of $^{99m}$Mo/$^{99}$Tc generator for biomedical applications

Rubel Chakravarty, Rakesh Shukla, Ramu Ram, A.K. Tyagi, Ashutosh Dash and Meera Venkatesh


[9] Nano-ceria-PAN composite based advanced sorbent material: A major step forward in the field of clinical grade $^{68}$Ge/$^{68}$Ga generator

Rubel Chakravarty, Rakesh Shukla, Ramu Ram, Meera Venkatesh, Ashutosh Dash and A. K. Tyagi


[10] Development of nano-zirconia based $^{68}$Ge/$^{68}$Ga generator for biomedical applications

Rubel Chakravarty, Rakesh Shukla, Ramu Ram, Avesh Kumar Tyagi, Ashutosh Dash and Meera Venkatesh


Rubel Chakravarty, Meera Venkatesh and Ashutosh Dash

International Journals (Abstracts)

[1] Development of $^{90}$Sr/$^{90}$Y generators for radiotherapeutic applications


[2] An electrochemical $^{90}$Sr-$^{90}$Y generator and estimation of the radionuclidic purity using extraction paper chromatography

U. Pandey, **R. Chakravarty**, P. S. Dhami, A. Dash, M. Venkatesh and M.R.A. Pillai


[3] Validation of ‘BARC Technique’ for estimation of the radionuclidic purity of $^{90}$Y and measurement of $^{90}$Sr in $^{90}$Y prepared by different $^{90}$Sr/$^{90}$Y generators

U. Pandey, **R. Chakravarty**, P. Dhami, M. Venkatesh and M.R.A. Pillai


[4] A novel electrochemical approach for post-elution concentration of $^{188}$Re

**R. Chakravarty**, A. Dash, M.R.A. Pillai, M. Venkatesh


**R. Chakravarty**, R. Shukla, R. Ram, A.K. Tyagi, A. Dash and M. Venkatesh

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[1] Development of $^{90}$Sr/$^{90}$Y generator technologies and their evaluation in the preparation of therapeutic radiopharmaceuticals

Meera Venkatesh, Ashutosh Dash, Usha Pandey, P.S. Dhami, **Rubel Chakravarty**

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258
[2] Development of $^{188}\text{W}/^{188}\text{Re}$ generators

Meera Venkatesh, Shishir Kumar Sarkar, Rubel Chakravarty, G. Arjun, Ashutosh Dash, P. Saraswati